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Undergraduate Catalog 2023-2024

General Information

Editorial Note

The Middle Georgia State University (MGA) Catalog is reviewed annually by the Office of Academic Affairs. All information contained in this 2023-2024 catalog is effective fall semester 2023. The content in this catalog is for informational purposes only and should not be construed as the basis of a contract between a student and the University.

While provisions of this catalog will ordinarily be applied as stated, Middle Georgia State University reserves the right to change any provision listed in this catalog—including but not limited to academic requirements for graduation—without actual notice to individual students. Every effort will be made to inform students of changes to programs, curricula, courses, regulations, policies, procedures, fees and other matters contained herein. Nevertheless, it is the responsibility of each student to stay apprised of current graduation requirements for a degree program in which he or she is enrolled.

Middle Georgia State University is a component of the Board of Regents (BOR) of the University System of Georgia (USG) and operates in accordance with all policies and procedures established by the BOR as well as the University System Office (USO). If there is ever a discrepancy between BOR/USO policy and this catalog, BOR/USO policy prevails. BOR/USO policies are available at: http://www.usg.edu/policymanual/.

About Middle Georgia State University

Middle Georgia State University is a Level V public University in the USG with its main campus in Macon and satellite campuses in Cochran, Warner Robins, Dublin, and Eastman along with the Robins Residence Center at Robins Air Force Base in Warner Robins.

Macon Main Campus

For more information about the Macon Campus see https://www.mga.edu/about/campuses/macon.php

Cochran Satellite Campus

For more information about the Cochran Campus please see https://www.mga.edu/about/campuses/cochran.php

Dublin Satellite Campus

For more information on the Dublin Campus please see https://www.mga.edu/about/campuses/dublin.php

Eastman Satellite Campus

For more information on the Eastman Campus please see https://www.mga.edu/about/campuses/eastman.php

Warner Robins Satellite Campus

For more information on the Warner Robins Campus please see https://www.mga.edu/about/campuses/warner-robins.php

Georgia Film Academy at Trilith Studio Stages

PENDING SACSCOC APPROVAL

Located at the Trilith Studio Stages facility at 461 Sandy Creek Road, Fayetteville, Georgia 30214, this USG-maintained facility of the GFA includes 10,000 square feet of classroom space, a state-of-the-art post-production facility, screening room, a 15,000 square foot soundstage, set design workshops, make-up effect labs, and an onsite office staffed with GFA professionals. The 18-hour Certificate in Film Production is offered at this site.

Mission Statement

Middle Georgia State University educates and graduates inspired, lifelong learners whose scholarship and careers enhance the region through professional leadership, innovative partnerships, and community engagement.

History of Middle Georgia State University

In early 2012, the University System of Georgia's Board of Regents recommended the consolidation of Macon State College, which was founded in 1968 in Macon, Ga., and Middle Georgia College, which was founded in 1884 in Cochran, Ga. The consolidation became official on January 8, 2013, creating Middle Georgia State College, a baccalaureate-granting institution with an enrollment of approximately 8,000 students. Dr. John Black was appointed interim president and served through 2013. In January of 2014, Dr. Christopher Blake became the first permanent President of Middle Georgia State College. On March 18, 2015, the University System of Georgia's Board of Regents approved the elevation of the institution to state university and changed its name to Middle Georgia State University, effective July 1, 2015.

History of Middle Georgia College

Middle Georgia College was established on October 20, 1884, as the College of the New Ebenezer Association. The association was composed largely of Baptist churches in Pulaski, Dodge, Laurens, and Telfair counties. Instruction began on January 10, 1887, with approximately 100 students, most of whom were from the Middle Georgia area.

During the early period, the institution was divided into preparatory and collegiate departments. The catalog of 1887 says its curriculum's purpose was "to prepare pupils for business or for the Junior Class in Universities. This includes Latin, Greek, Mathematics, Natural Science and several modern languages, with English studies and Music."

On August 21, 1917, an agricultural and mechanical school for the Twelfth Congressional District was established on the same campus. This school was chartered as one of the branches of the Georgia State College of Agriculture and Mechanical Arts, a department of the University of Georgia.

The Middle Georgia Agricultural and Mechanical Junior College was established in 1919. This, too, was a branch of the University of Georgia. The name was changed to Middle Georgia College, and its operation was placed under a board of nine trustees in 1929.

Middle Georgia College was placed under the Board of Regents of the University System of Georgia on August 27, 1931. The Dublin Center was located in Dublin in 1984. In 2007, the Georgia Aviation Technical College in Eastman was merged with Middle Georgia College. In 2006, the Board of Regents authorized Middle Georgia to begin offering select baccalaureate degrees.

By 2012, Middle Georgia offered 6 four-year degrees and more than 40 majors and transfer programs. The school operated the Georgia Academy of Aviation, Mathematics, Engineering and Science, a residential joint enrollment program to allow students to earn a high school diploma and associate degrees simultaneously. It sponsored intercollegiate athletic teams in six sports. Middle Georgia College's fall 2012 enrollment was 3,104 students.

History of Macon State College

Macon State College began in 1965, when the University System of Georgia's Board of Regents passed a resolution to create a public two-year college to serve Bibb, Houston, Peach, Crawford, Monroe, Jones and Twiggs counties. The voters of Bibb County approved a bond issue to fund the college, and 168 acres of wooded land were selected in West Macon. When it opened in fall 1968, Macon Junior College became the twenty-fifth institution in the University System of Georgia. Its charter class was 1,110 students, the largest enrollment ever for a new state college in Georgia.

In 1970, the Board of Regents directed Macon Junior College to serve civilian and military employees at Robins Air Force Base. The Robins Resident Center, located on the base, was then established.

In June 1987, the Board of Regents approved a name change to Macon College. In 1991, Macon College began serving Houston County and surrounding areas with the Warner Robins Center, located in the Advanced Technology Park.

The Regents expanded the mission of the College in 1996 to include technological and professional programs at the baccalaureate level, and the next year the institution was officially renamed Macon State College. The charter baccalaureate class graduated in May 1999 with degrees in Information Technology, Health Information Management, and Health Services Administration. The number of bachelor's degrees the College offered grew steadily and drove dramatic enrollment increases.

In 2003, Macon State established the Warner Robins campus on Watson Boulevard. In 2007, the College underwent a major academic reorganization from divisions into schools, and in 2010, it became a residential college through the acquisition of the apartments now known as University Pointe.

By 2012, Macon State offered 18 bachelor's degrees with 33 majors and concentrations. Between 1999 and 2012, it awarded more than 3,000 bachelor's degrees to its students. Macon State College's fall 2012 enrollment was 5,780 students.

Accreditation

Middle Georgia State University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, master's, and doctoral degrees. Questions about the accreditation of Middle Georgia State University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Middle Georgia State University also has the following specialized accreditations.

The Bachelor of Science in **Information Technology** Program in the School of Computing is accredited by the Computing Accreditation Commission of ABET http://www.abet.org. (415 North Charles Street, Baltimore, MD 21201 [410] 347-7700).

The Associate and Bachelor of Science programs in **Nursing** in the School of Health and Natural Sciences are accredited by the Accreditation Commission for Education in Nursing (ACEN) (3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, [404] 975-5000) and approved by the Georgia Board of Nursing (237 Coliseum Drive, Macon, Ga. 31217-3858 [844] 753-7825). http://www.acenursing.com/.

The **Occupational Therapy Assistant** program in the School of Health and Natural Sciences is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, Bethesda, MD 20852-4929. ACOTE'S telephone number, C/O AOTA, is (301) 652-6611 and its Web address is www.acoteonline.org.

The Bachelor of Science in **Respiratory Therapy Entry Level Pogram** in the School of Health and Natural Sciences is accredited by the Commission on Accreditation for Respiratory Care (CoARC) (264 Precision Blvd, Telford, TN [817] 283-2835). Its web address is https://coarc.com/.

The **Teacher Education Program** is accredited through the Georgia Professional Standards Commission (GaPSC) (200 Piedmont Avenue, SW, Suite 1712, West Tower, Atlanta, GA 30334-9032 [404] 232-2500). Direct inquiries about programs, services, or admissions to Middle Georgia State University at (478) 471-2700. Its web address is https://www.gapsc.com/.

Special Designations

National Center of Academic Excellence in Cyber Defense Education

Middle Georgia State University is designated as a National Center for Academic Excellence in Cyber Defense Education by the National Security Agency (NSA) and the Department of Homeland Security (DHS). The National Security Agency (NSA) and the Department of Homeland Security (DHS) jointly sponsor the National Centers of Academic Excellence in Cyber Defense (CAE-CD) program. The goal of the program is to reduce vulnerability in our national information infrastructure by promoting higher education and research in cyber defense and producing professionals with cyber defense expertise for the Nation.

National Center of Digital Forensics Academic Excellence

Middle Georgia State University is designated as a National Center of Digital Forensics Academic Excellence (CDFAE). CDFAE is a partnership between academia, standards bodies, and the U.S. government to establish best practices for digital forensics education. Education providers are held to digital forensics education standards based upon knowledge, skills, and abilities used in the field. This approach advances the discipline of digital forensics and increases the number of qualified professionals to meet the needs of law enforcement, counterintelligence, national defense, and legal communities.

Nondiscrimination Policy

Middle Georgia State University is committed to ensuring a safe learning environment that supports the dignity of all members of the University community. Pursuant to Section 4.1.7 of the Policy Manual of the Board of Regents of the University System of Georgia (BOR), federal and state laws and regulations, and our vision, mission, and values, Middle Georgia State University does not discriminate on the basis of sex or gender in any of its education or employment programs and activities. Moreover, Middle Georgia State University is an Affirmative Action/Equal Educational and Employment Opportunity institution. Factors of race, national origin, color, sex, gender, age, religion, sexual orientation, or disability are not considered in the admission or treatment of students or in employment. To that end, University policy prohibits specific forms of behavior that violate federal and state laws and regulations, including but not limited to Title VII of the Civil Rights Act of 1964 and subsequent executive orders, Title IX of the Education Amendments of 1972, as well as Section 504 of the Rehabilitation Act of 1973.
For questions and issues concerning equal opportunity and compliance, please contact:
Complaints of Sex or Gender Discrimination (including allegations of sexual harassment or sexual misconduct)
Title IX Coordinator
Jenia Bacote, J.D., Director of Diversity, Inclusion, & Equity/Title IX Coordinator
Middle Georgia State University
Phone: 478-471-3627
E-Mail: titleix@mga.edu

Nondiscrimination of Students, Employees, and Applicants (issues of discrimination generally)
Middle Georgia State University
Phone: 478-471-2472
E-Mail: nondiscrimination@mga.edu

Anonymous Complaints
Middle Georgia State University Ethics and Compliance Reporting Hotline
Online: https://mga.alertline.com/gcs/welcome
Phone: 877-516-3460

Academic Rights and Responsibilities

Middle Georgia State University is committed to intellectual pluralism and academic freedom. The university recognizes that there are rights and responsibilities that exist concomitant with the academic freedoms underpinning the professional work of its faculty.
Accordingly, Middle Georgia State University operates under the principles of the American Association of University Professors (AAUP) articulated in the 1940 Statement of Principles on Academic Freedom and Tenure (with 1970 Interpretive Comments), which can be found here on the AAUP website: http://www.aaup.org/report/1940-statement-principles-academic-freedom-and-tenure.

Academic Calendars: 2022-2023

While every effort is made to ensure the accuracy of information provided, all calendars here published are subject to change. For the most current calendar information, go to Academic Calendars: Middle Georgia State University

Services for Students

Numerous services are available to assist Middle Georgia State University students in becoming academically successful. There are also numerous opportunities for participation in University-sponsored programs and activities that are culturally, professionally, and personally enriching.

Academic Advising

Middle Georgia State University recognizes academic advising as a critical component of a successful educational experience. Through the advising sessions students will be provided with accurate and timely information necessary to define and work toward achieving their educational, professional and personal goals. With the assistance of the academic advisor and the Center for Career and Leadership Development, each student will select a degree program of study and follow a clear course sequenced pathway to graduation. Through collaborative relationships with academic advisors, students will develop cognitive and non-cognitive skills that promote the development of a productive academic mindset. All students will be advised through the school that houses their major. Contact information for each school is available on the Academic Advising homepage at http://www.mga.edu/advising/.
Students should refer to the Middle Georgia State University Academic Calendar for advising and registration events at https://www.mga.edu/academics/calendars/index.php. Although students can meet with their advisor throughout the academic year, MGA schedules a specific advising period for returning students in advance of the registration period.

University Bookstore

Located on four campuses, the campus stores sell textbooks, supplementary classroom material, Middle Georgia State University souvenirs, technology, clothing, snacks, and beverages. The **Macon Bookstore** is located on the lower level of the Student Life Center. The **Warner Robins Bookstore** is located on the first level of Oak Hall. The **Cochran Bookstore** is located on the second floor of Georgia Hall next to the dining hall. The **Eastman Bookstore** is located in the lobby of the main entrance, and only operates during the first week of each semester.

Center for Career and Leadership Development

The Center for Career & Leadership Development provides innovative, student-centered services, programs, and connection opportunities that prepare and empower students to identify, build, and articulate career and leadership competencies needed to enhance their local and global communities as professionals, leaders, and lifelong learners The Center for Career and Leadership Development collaborates with faculty, staff, community partners, and employers to connect students to career and leadership development resources that will enhance their professional aspirations. Services include career advising services focused on resume/cover letter writing and interview skills, mock interviews, job/internship/graduate school search assistance, employer networking opportunities such as career fair, and leadership development training. Students have access to free career assessments and occupational information through Stepping Blocks and Focus 2. To support the professional development of students, the CCLD hosts an annual Student Leadership Conference, provides free professional LinkedIn headshots, and access to gently used professional attire through The Professional Interview Closet on the Macon and Cochran campuses. The CCLD offers two leadership training programs, Knights LEAD for first-year students and Emerging Leaders for upper-level students. Returning upper-level MGA students may also apply to be a Peer Educator through the iLEAD program. Additionally, the Center connects employers seeking full-time, part-time, or internship candidates to students and alumni of MGA who are ready to enter the workforce. The University's online job board, Handshake, and many more career-focused resources are accessible 24/7 on the Center's homepage at https://www.mga.edu/center-career-leadership-development/index.php. Walk-ins are welcomed on the Macon campus (Student Life Center, Suite 261), Cochran campus (Sanford Hall, Suite 112), and the Eastman Campus during standard operating hours. Students and alumni alike are encouraged to utilize the Center by scheduling an appointment. The staff may be reached via telephone at 478-471-2714 (Macon campus) or 478-934-3110 (Cochran campus).

Counseling Services

Individual and group counseling are available for students who may be experiencing anxiety or stress while adjusting to university. All counseling services are provided on a voluntary, confidential basis and are free to currently enrolled students at Middle Georgia State University. Students seeking personal counseling must be enrolled for four or more hours and must be currently attending class at the time counseling is sought. Students requiring or requesting long-term or intensive therapy will be referred to off-campus providers and support groups as appropriate. Each semester, Counseling Services sponsors seminars and programs on topics related to personal growth and development. Topics for these programs have included increasing self-esteem, managing stress, communication skills, career issues, life planning, improving academic effectiveness, and maintaining healthy relationships. Counseling Services has two campus locations, the Student Life Center on the Macon Campus (478) 471-2985 and in Georgia Hall on the Cochran Campus (478)-934-3080. Counselors travel to the Dublin, Eastman and Warner Robins campuses by appointment. For more information, visit the Web site at: http://www.mga.edu/counseling-services or email counseling@mga.edu.

Accessibility Services

Accessibility Services coordinates and provides a variety of services for students with documented physical and learning disabilities. The aim of this service is to ensure that students with accessibility issues have equal access to all academic and student programs offered at Middle Georgia State University. Services may include:

- Access and orientation to campus
- Adaptations for exams such as extended time
- Assistance in obtaining textbooks and course materials in alternate format (large print, alternative testing, access to electronic texts, etc.)
- Assistive technology software and AT lab
- Accessibility to on-line classes and resources
- Coordination of academic accommodations with Middle Georgia State University faculty

Accessibility Services shares an office with Counseling Services, located on the 2nd floor of the Student Life Center on the Macon Campus (478) 471-2985, in Georgia Hall on the Cochran Campus (478) 934-3023, and is available by appointment on the Dublin, Eastman, and Warner Robins Campuses. For more information, visit the Web site at: http://www.mga.edu/accessibility-services.

Student Email

Upon acceptance by the University and when assigned a 983###### student i.d. number, students must create an email account which they are responsible for accessing and through which the University disseminates all official notices and information. See the following site for instructions: https://www.mga.edu/technology/services/email.php

Enrollment Services

Enrollment Services are provided by the Enrollment Call Center, the Office of Admissions, the Office of Financial Aid, and the Office of the Registrar. The Enrollment Call Center helps provide basic information related to enrolling at the university encompassing admission, registrar, financial aid, and student account questions. The Admissions Office and the Financial Aid Office work cooperatively to admit students to Middle Georgia State University and to help them secure financial aid. The Registrar's Office maintains student records and coordinates registration. Each of the five campuses has individuals on site who can answer enrollment services questions. More specific information about Enrollment Services may be found in the Admissions and Student Finances sections of this catalog or by calling the Enrollment Call Center at 1-877-238-8664 or by visiting https://www.mga.edu/ask/.

Dining Services

Dining services are available on four campuses. The Cochran and Macon campuses have residential dining halls that have all-you-can-eat options for a great experience. Other retail restaurants, coffee shops and cafes are available on the Macon, Cochran, and Eastman. campuses. Students, faculty and staff can purchase a meal plan to be used across campuses that offer dining services. For more information about dining options and meal plans please visit https://mga.campus-dining.com/.

Library Services

The five campus libraries of Middle Georgia State University provide access to a wide variety of print, electronic, and audiovisual materials striving to maintain a current collection that supports the curriculum of the University.
Middle Georgia State University Library participates in GALILEO, the statewide library initiative. GALILEO provides access to almost 300 periodical and information databases and over 27,000 full-text periodicals. Additionally, the MGA Library subscribes to more than 30 other online databases including the ACM Digital Library, CINAHL Complete, JSTOR, Project Muse, Criminal Justice Abstracts, et al., as well as hundreds of thousands of e-books. GIL-Find is the online catalog and searches the collections of the Middle Georgia State University Library as well as more than 13 million bibliographic records of all USG libraries. An interlibrary loan program and the statewide GIL Express program enable students, faculty, and staff to borrow books and obtain copies of articles not available at the Middle Georgia State University Library. Intercampus delivery of library resources is also available.

Librarians work one-on-one with students and faculty in person at each campus, and virtually through D2L/Brightspace, Microsoft Teams, chat reference, and by email. Group and individual library instruction sessions are available synchronously and asynchronously, for teaching research, critical inquiry, and the use of library resources.
Each campus of Middle Georgia State University has its own library. Hours vary by campus location. More information about library services is available by visiting the MGA Library website at http://www.mga.edu/library

University Police

The University Police Department seeks to develop a partnership with the campus community by using proactive policing methods. Middle Georgia State University police strive to provide competent and courteous crime prevention measures that are critical to the accomplishment of the department's overall mission for a safe and secure community in which to learn, work, and live. For emergencies, dial 911 or 9911 by campus phone. For general questions, please contact MGA Police at 478-934-3002 or by emailing police@mga.edu. Parking inquiries can be made to parking@mga.edu or by calling MGA Police during regular business hours.
Visit the Middle Georgia State University Police Department website at http://www.mga.edu/police/ to learn about safety programs, resources, and other information.

Housing and Residence Life

Student housing is available on the Cochran, Eastman, and Macon campuses. The Office of Housing and Residence Life is committed to providing a respectful environment that is caring, positive, and safe. We strive to build a supportive community that welcomes all students. Our goal is to provide lasting connections that encourage leadership, personal growth, and academic success. For more information, contact the Office of Housing and Residence Life at housing@mga.edu, check us out online at http://www.mga.edu/residence-life/ or call us at (478) 934-3027 (Cochran/Eastman) or at (478) 477-5046 (Macon).

Student Handbook

All students are expected to read, understand, and abide by the policies and procedures outlined in the Student Handbook. The Student Handbook provides information about various student services, programs, and resources as well important policies and procedures (including but not limited to the Alcohol and Drug-Free Campus Policy; FERPA; Freedom of Speech, Expression, & Assembly; Sexual Harassment & Misconduct; and the Student Code of Conduct.) The MGA Student Handbook is available at www.mga.edu/student-affairs.

Student Life

The Student Life program serves the needs of a diverse student body by providing quality programs designed to offer students opportunities to interact with faculty, staff, and other students outside the classroom setting, to provide students the opportunities to broaden their social, cultural and leadership experiences while in college, and to help students become aware of and involved in community concerns. Additional information is available by visiting the Office of Student Life in the Student Life Center on the Macon Campus (478) 757-2625, on the Cochran Campus in Welch Hall (478) 934-3152, on the Eastman Campus (478) 448-4703, or by visiting the Student Life website at http://www.mga.edu/student-life/.

Student Success Centers

Located on the second floor of the Library Building on the Macon campus, the lower level of Oak Hall room 128 on the Warner Robins campus, the second floor of Roberts Library on the Cochran campus, the Dublin Building room 208 on the Dublin campus and in the TLC Center room 1181 on the Eastman campus. Student Success Centers offer instructional support to enhance the classroom experience. Support includes tutoring academic success coaching, study skills resources, and workshops. Computers and printers are available for student use at all locations.

For more information go to https://www.mga.edu/student-success-center/

Veterans and Military Resource Center

Middle Georgia State University is approved for the educational training of the following eligible persons:

1. Pre-approved veterans with service-connected disabilities.
2. Students with VA educational eligibility under the Montgomery/ GI Bill (Active Duty and Selected Reserve), the Post- 9/11 Veterans Education Assistance Act of 2008 (New GI Bill), and the Reserve Educational Assistance Act (REAP).
3. Certain eligible spouses and dependents of veterans who are totally and permanently disabled as a result of military service, those who died while in the military, or those whose death resulted from a military-connected disability may be apply for DEA (CH. 35) or the Fry Scholarship.

Veterans and other eligible persons interested in obtaining educational benefits must meet all applicable requirements for admission as outlined in this catalog; moreover, students who are certified to receive VA educational benefits will be governed by the same academic policies, rules, and regulations as stated in the *Middle Georgia State University Catalog* and in the *Middle Georgia State University Student Handbook.* The Veterans' Certification Office provides the following services:

1. Certifying persons for the receipt of VA educational benefits.
2. Monitoring registration, withdrawal and academic progress with reporting as required to the Veterans' Administration.

Students receiving VA benefits are responsible for paying all University bills. Some VA benefits are paid directly to the student, not the institution. Plan accordingly to fulfill financial obligations to the University in a timely manner according to the University payment deadline. The Atlanta VA payments processing center normally takes 8-10 weeks to process new education claims. Students are certified according to VA rules separately for each term or mini-term as full time, 3/4 time, etc., depending on the length of the term and the hours taken. For more information, contact the Registrar's Office VA Certification Specialist on the Macon Campus at (478)471-2900.

Wellness

Wellness centers are located on the Macon, Cochran, Eastman, and Warner Robins campuses. The Macon campus Recreation & Wellness Center offers state of the art facilities including a 4,000 square foot weight room, 3,500 square foot cardio deck, 2 group fitness rooms, a 2-court basketball gym, 2 racquetball/squash/valley ball courts, an indoor track, 3 interactive gaming systems (2 Xbox1 and 1 PS4), and a resistance swimming pool. The amenities offer options to help develop workout plans to help you meet your goals as well as interactive applications that you can download to your smartphone or other device to track your progress. The intramural and outdoor recreation program offers various sports leagues, tournaments, free play, and trips such as hiking and kayaking. The Cochran campus Wellness Center houses a fitness center, aerobics room, indoor walking track, gymnasium floor, intramural programs, interactive gaming, billiards, ping pong, and a rock climbing wall. The Warner Robins Activity Center is located in Thomas Hall and offers opportunities for interactive gaming, billiards, ping pong, cardio, and strength training. The Eastman campus offers a cardio room with multiple options for cardio training as well as a weight room to offer most any type of strength training available. These centers are committed to providing opportunities for individual fitness, social interaction, leadership development, extra-curricular involvement & enjoyment through an extensive program of health, fitness, sports, and recreational activities.

To join a Middle Georgia State University fitness center, students must complete a registration form, sign a liability waiver, and participate in a brief facility orientation. No appointment is needed. Walk-ins are always welcome. A valid Middle Georgia State University ID is required to utilize the Wellness Center facilities and to participate in activities. Additional information is available by visiting the Wellness Center website at https://www.mga.edu/recreation-wellness/. https://www.mga.edu/recreation-wellness/.

Special Programs and Services

Middle Georgia State University Foundation, Inc.

The Middle Georgia State University Foundation oversees the university's philanthropic assets and activities. Gifts to the Foundation are used to provide scholarships and opportunities for deserving students; to promote excellence and achievement among faculty; to bolster public engagement which will complement our academic strengths; and to support and promote academic success and scholarship. The Foundation is governed by a volunteer Board of Trustees comprised of community leaders who raise funds and advocate for the university, and ensure responsible, effective stewardship of contributions. The Foundation is a cooperative partner with Middle Georgia State University and strives to promote and advance the mission of the university.

Continuing Education

As a partner in the economic development of our region, Middle Georgia State University's Division of Continuing Education is positioned to deliver courses and training that lead to job growth and creation, and support business retention and recruitment. Our entrepreneurial approach ensures quick-to-market training that is flexible, responsive, and innovative. More information and inquiries may be found at https://www.mga.edu/continuing-education/index.php

Admissions

Admission Procedures

Admission to Middle Georgia State University requires the Office of Admissions to know as much as possible about the academic ability and conduct of its applicants. Acceptance is based on previous academic performance, test scores, conduct, and, when appropriate, results of personal interviews and other information deemed necessary to determine the applicant's general fitness for admission to an institution of higher learning. Only after such information is obtained can the University make an admissions decision in the best interest of both the applicant and the University. Middle Georgia State University reserves the right to refuse admission to an applicant based on the results of such appraisal. The admission procedures outlined below should be followed in order to furnish the Office of Admissions with a complete set of relevant information.

Prospective students should:

1. Complete the online application through either GaFutures or at www.mga.edu/admissions. A $30 nonrefundable application fee is required and can be paid online with a credit card.
2. Have an official transcript sent by the high school directly to the Office of Admissions **if entering directly from high school.**
3. Have an official transcript of GED test scores sent by the State Department of Education directly to the Office of Admissions **if entering on the basis of a GED "High School Equivalency Diploma."**
4. Have an official transcript from each college attended sent by the respective registrar's offices directly to the Office of Admissions at Middle Georgia State University **if entering as a transfer student.**
5. Have SAT or ACT test scores sent directly to the Office of Admissions.
6. Submit appropriate document for Verification of Lawful Presence in the United States. Document list is available at http://www.mga.edu/admissions/docs/Lawful_Presence_Documentation.pdf.

   Proof of immunization is required. More information can be found at https://www.mga.edu/health-clinic/immunization.php

The mailing address for the Office of Admissions is 100 University Parkway, Macon, Georgia 31206-5145. The telephone number is 1-478-471-2725. The email address is admissions@mga.edu.

Applicants may also check their admission status at any time using our online **Admission Status** checker found at https://mga.gabest.usg.edu/. Official admission decision letters will be mailed to the permanent mailing address on file in the Office of Admissions.

Official Documents Required

It is the responsibility of the applicant to furnish official documents to the Office of Admissions. Documents delivered by the applicants themselves (such as student-issued transcripts or letters, grade reports, diplomas, or graduation lists) are not typically considered official. Official documents must be issued directly by the Registrar of the previous institution(s) in a sealed envelope or by electronic submission. These documents become a part of the applicant's Middle Georgia State University record and will not be returned. Application files are reviewed for eligibility only after all required documentation has been received.

Admissions Deadlines

The preferred admissions deadlines are 30 days prior to the intended semester start date. Applications and all supporting documents should be submitted to the Office of Admissions prior to the preferred deadline.

Transfer Students

Evaluations of transfer credit are evaluated in the order of receipt and posted to the Students Web Organized Records & Data System (SWORDS) account. Applicants are encouraged to apply as early as possible for the term of transfer. For a student to be considered an on-time applicant, all admissions materials must be properly executed and submitted to the Office of Admissions by the admissions deadline or at least four weeks prior to the beginning of the semester for which admission is sought. Transfer courses may be viewed in the Student Web Organized Records & Data System (SWORDS) account once accepted to the university. Use this link:

- https://www.mga.edu/technology/services/banner.php
- click on SWORDS,
- log-in with assigned student ID number from the acceptance letter,
- click “student records”, academic transcript,

- select “all levels” and “official transcript”.

Admission with Incomplete Documents

In exceptional cases, certain applicants may be admitted on the basis of incomplete or unofficial supporting documents. In such circumstances, the admission decision is provisional and is contingent upon receipt of final and official documents. If the final and official documents are not received by the **date specified in the provisional admission, or if the final documents indicate the student is ineligible for admission, the applicant's admission may be canceled and all fees which have been paid are forfeited.**

Background Check Policy Related to Admission

Applicants to Middle Georgia State University are required to answer accurately on the GA411 application for admission and on any paper applications questions related to prior or pending charges and convictions. An affirmative answer to the questions does not automatically mean an admissions denial but it does require further review before a decision will be made.
Applicants who mark “yes” to any of the criminal questions will undergo further review through the following methods:

- A completed background questionnaire will be required to be returned to the Office of Admissions.
- A signature is required on the questionnaire form, allowing the University to perform a background check and investigation. For out of state arrests or convictions, applicants will be required to pay for a national background check. (Specific information on how to proceed with a national background check will be sent to the applicant in a letter.)
- Upon receipt of the background check, the Assistant Vice President for Admissions and/or the Associate Vice President of Student Affairs will review the report and determine whether an admission decision can proceed forward or whether an interview with the Assessment and Care Team (ACT) Committee is required.
- The committee will consist of representatives from Campus Police, Residence Life, Counseling Services and the Student Affairs office.
- Once a decision concerning admission is made, the Assistant Vice President for Admissions is notified.
- The applicant will be notified of final decision by letter.
- The decision of the Assessment and Care Team Committee will be final. Applicants may reapply after one year and are strongly encouraged to consider other educational opportunities, to think about more specific life lessons learned, and/or more specific educational/career goals.

Admissions decisions are contingent upon the results of criminal history information provided by the applicant or obtained during a background investigation. Applicants that demonstrate a history of criminal activity or behavior will be considered based on the nature, number and gravity of crimes for which the applicant was convicted and the amount of time that has passed since the conviction. Applicants that fail to report criminal history information may be removed from further consideration in the admissions process. All statements made in admissions applications must be true and complete. Discrepancies, misstatements, omissions, and/or falsifications may be cause for denial. If an applicant is admitted and it is later determined that the information provided during the admissions process was not factual or complete, the applicant may face student conduct charges.

Students with Disabilities Admissions

It is the policy of Middle Georgia State University to provide program accessibility and reasonable accommodations for persons defined as disabled in Section 503/504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. No student with a disability who is qualified to enter Middle Georgia State University will be denied admission or be subject to discrimination in the application of admission standards.
Students with disabilities have the responsibility of contacting Accessibility Services to schedule an interview for assessment of their needs prior to their first semester of enrollment at Middle Georgia State University. To qualify for services, students must verify disability by providing current documentation from a qualified health professional. Subsequently, these students have the responsibility of 1) submitting a class schedule each semester to Accessibility Services, 2) identifying themselves and their needs to each professor at the first week of class each semester, and 3) notifying Accessibility Services as soon as possible should any problems arise concerning their academic program. Accessibility Services is located on the second floor of the Student Life Center on the Macon Campus (478) 471- 2985, in Georgia Hall on the Cochran Campus (478) 934-3023, and is available by appointment on the Dublin, Eastman, and Warner Robins Campuses. For more information, visit the Web site at: http://www.mga.edu/accessibility-services. (p. 8)

Middle Georgia State University Admission Categories

Auditing Admissions

Applicants who want to take university level courses and earn no grade or credit for the courses may be granted admission as an auditor. All auditors must complete an admission application, provide evidence of high school graduation or a GED, and any additional documentation required by the Office of Admissions.

Freshman Admissions

Freshman Admissions
As a university with a blended function, Middle Georgia State University fulfills its primary mission of a state university by offering bachelors and graduate programs to newly admitted and continuing students. MGA fulfills its secondary state college mission by providing students, from a variety of academic backgrounds, a point of access to enter the higher education system.
If a student has earned more than 30 transferrable semester hours at an institution of higher education, they will be evaluated for admissions on the transfer work noted on their transcript. Requirements for transfer admissions are noted elsewhere in the catalog.
Students who have not completed 30 credit hours are admissible to the institution based on an evaluation of their high school academic work and/or ACT/SAT test scores where applicable. Middle Georgia State University admits new freshman undergraduate students in one of two categories: Access and Regular.
Freshman Admissions Requirements
Access Admissions Requirements: for admission to the institution under the Access category, a student must hold a **high school diploma* with an earned 2.0 Required High School Curriculum (RHSC) grade point average, or hold a GED. For admissions in the Access category, an ACT or SAT Test score is not required.** Students admitted under Access Admissions participate in the Learning Support program during their first year at MGA unless a student has successfully completed Area A Math and English from a regionally accredited institution.
Regular Admissions Requirements: For admissions to the institution in the Regular category, **a student must hold a high school diploma* with an earned 2.0 Required High School Curriculum (RHSC) grade point average. Additionally, a student must have completed all the **17 RHSC units and meet one of the following criteria for English and one for Math.** Students admitted under the Regular Admissions Category are exempted from learning support courses, although they may choose to enroll in them if they desire.
For English (reading/writing): Students must meet or exceed one or more of the criteria listed below. Students must

- have transferable credit from a regionally accredited institution for an Area A English course with a grade of "C" or higher; OR
- have a High School Grade Point Average (HSGPA) of 3.1 or higher; OR
- score 430 or higher on the SAT (old) Critical Reading; OR
- Score 480 or higher on SAT (new) Evidence Based Reading and Writing section (EBRW); OR
- score 17 or higher on the ACT English or ACT Reading; OR
- score 61 or higher on the Classic Accuplacer Reading Comprehension Test AND score 4 or higher on the Accuplacer WritePlacer Test; OR
- Score 237 or higher on the Next-Generation Accuplacer Reading Comprehension Test AND score 4 or higher on the Accuplacer WritePlacer Test

For Mathematics: Students must meet or exceed one or more of the criteria listed below. Students must:

- Have a High School Grade Point Average (HSGPA) of 3.2 or higher; OR
- score 400 or higher on the SAT (old) Mathematics; OR
- Score 440 or higher on SAT (new) Math section; OR
- score 17 or higher on the ACT Mathematics; OR
- score 67 or higher on the Classic Accuplacer Elementary Algebra Test; OR
- Score 258 or higher on the Next Generation Accuplacer Quantitative Reasoning, Algebra, and Statistics Test.

* All high school diplomas as submitted for admission decisions must be issued from a high school accredited by a regional accrediting association, the Georgia Accrediting Commission, the Georgia Private School Accrediting Commission, the Accrediting Commission for Independent Study, or from a public school regulated by a school system and state department of education. Applicants who have a High School Certificate (also called a Certificate of Performance) or a Special Education Diploma are not considered to be high school graduates for admission purposes.
** Required High School Curriculum: Students who graduate from high school in 2012 or later must present credits for (17) specified units. The 17 specified units are:

- MATHEMATICS: Four (4) units of Mathematics, including Algebra I, Algebra II, and Geometry and a fourth year of advanced Math or Mathematics I, II, III and a fourth unit of Mathematics from the approved list.
- ENGLISH: Four (4) units of English which have as their emphasis grammar and usage, literature (American, English, World), and advanced composition skills.
- SCIENCE: Four (4) units of science, with at least one laboratory course from the life sciences and one laboratory course from the physical sciences. Georgia Public high school graduates must have at least one (1) unit of biology, one (1) unit of physical science or physics, and one (1) unit of chemistry, earth systems, environmental science and one (1) unit of a fourth science.
- SOCIAL SCIENCE: Three (3) units of social science, with at least one (1) course focusing on United States studies and one (1) course focusing on world studies.
- FOREIGN LANGUAGE: Two (2) units in the same foreign language emphasizing speaking, listening, reading, and writing. Two (2) units of American Sign Language may be used to satisfy this requirement.

Note: In addition to these minimum requirements, students are encouraged to take additional academic units in high school to improve their probability for admission and success.
Students who do not meet published admission standards but who show exceptional potential may be granted admission on a limited basis. Students should seek advice from the Office of Admissions regarding limited admissions opportunities. Furthermore, meeting minimum Board of Regents requirements does not guarantee admission to MGA as each institution may set additional and/or higher requirements.

Middle Georgia State University High School Student Admission

Middle Georgia State University offers the Dual Enrollment program, providing high school students the opportunity to earn dual credit. These programs are designed to encourage academically superior students to begin university level work at Middle Georgia State University while completing requirements for high school graduation.
It is left to the discretion of the high school as to whether credit earned in these programs will be accepted toward fulfillment of its graduation requirements. Therefore, it is very important that students consult their high school guidance counselor and/or principal to determine the university courses in which to enroll to satisfy graduation requirements. **The school counselor or principal making the recommendation must submit written course recommendations to the Office of Admissions together with the student's high school transcript and SAT or ACT scores.** Students applying for any of these programs should take the SAT or ACT as early as possible. Applications will be considered on an individual basis, and a personal interview may be required. Applicants may obtain application materials and additional information from their high school counselor, the Office of Admissions at Middle Georgia State University, or at https://www.mga.edu/admissions/high-school-students/index.php.

Dual Enrollment Program

The Dual Enrollment Program enables qualified Georgia high school students to receive tuition, fees, and textbook funding for approved college courses taken through Georgia colleges. Funding is administered by the Georgia Student Finance Commission. Additional information about the program may be found at https://gsfc.georgia.gov/ or https://www.mga.edu/admissions/high-school-students/index.php.

Dual Enrollment Admission Criteria - Rising 11th and 12th graders

Applicants for admission to the Dual Enrollment program must:

1. Submit a completed application for admission.

2. Have a high school GPA in core curriculum classes of 3.0 or higher.

3. Have evidence on the high school transcript that student is on track towards completion of the College Preparatory Curriculum or the USG Required High School Curriculum requirements and high school graduation.

4. Be recommended by their high school counselor or principal.

5. Provide immunization record, lawful presence documentation and any other materials required by the Office of Admissions.

Dual Enrollment Admission Criteria Rising 10th graders

Applicants for admission to the Dual Enrollment program must:

1.Submit a completed application for admission.

2. Have a high school GPA in core curriculum classes of 3.0 or higher.

3. Be on track to complete required high school curriculum requirements

4. Have scored either

A. SAT evidence based reading/writing 480, Math 440, AND combined score of at least 1200

or

B. ACT english/reading section 17, math 17, AND composite score of 26

5. Be recommended by their high school counselor or principal.

6. Provide immunization record, lawful presence documentation and any other materials required by the Office of Admissions.

International Student Admission

Middle Georgia State University values the contributions international students make to our campus community. International students provide the University with a diverse population through which differences in race, ethnicity, religious conviction, and cultural background may be celebrated. To learn more about the admission requirements and to access appropriate forms, visit www.mga.edu/admissions. Because additional processing time is required, international students should submit the admissions application and all supporting documents at least 60 days prior to the desired semester of enrollment. Foreign educational credentials must include English translations.
In addition to satisfying the regular requirements for admission as freshmen or transfer students, international applicants must provide evidence of adequate financial support to meet educational and personal expenses. International students must provide evidence of adequate immunization and have health insurance coverage that meets minimum University System of Georgia standards. Additional information regarding mandatory student health insurance coverage may be found at https://www.mga.edu/health-clinic/student-insurance.php. Middle Georgia State University determines admissibility of international applicants only after all required admissions documents have been received. The certificate of eligibility (Form I-20) cannot be forwarded to an international student until after an offer of acceptance has been extended by the University.
International students without previous records at colleges or universities within the United States must meet the requirements outlined in this catalog for admission as beginning freshmen. International students who have attended colleges or universities within the United States must meet the requirements outlined for admission as transfer students.
Applicants whose first language is not English and whose instruction throughout secondary school was not in English must demonstrate English proficiency. English proficiency is demonstrated by achieving the minimum scores on one of the following tests:

Test	**Minimum Score**

TOEFL iBT	69
IELTS	6.0
SAT Evidence-Based Reading and Writing Section	480
ACT English	17
Cambridge English Scale Score	169

Additional test and minimum requirements can be found at mga.edu/international/english-proficiency.php
Once admitted into the University, international students (with F-1 visas) are required to **register** for and **complete** a full-time course load (at least 12 semester hours) each academic term, with the exception of summer. International students must be registered for at least 12 semester hours no later than the first day of class for regular session courses during the fall and spring semesters. Middle Georgia State University is required to report international students who drop below full-time status or who do not remain in "good academic standing" to the U.S. Citizenship and Immigration Services. Such students are considered "out of status" and their F-1 status will therefore be terminated. **It is the responsibility of the international student to fully understand and comply with all U.S. immigration laws governing their visa status.**

All new international students must report to the International Student Admission official within the first two weeks of class and must provide the office with their passport, I-20, and I-94 records. Photocopies of these documents will be placed in the student's admission file and the originals will be returned to the student.

Senior Citizen Admission

Eligible persons (62 years of age or older) may audit or enroll in a course for resident credit on a space available basis without payment of fees except for application fees, supply fees, laboratory fees, and applied music fees. Applicants must provide evidence of immunization by completing the Immunization.
To be eligible for admission and enrollment as a senior citizen, persons must:

1. Meet all requirements for admission as an auditor, beginning freshman, transfer student, or re-entering student as outlined elsewhere in this catalog.
2. Be a legal resident of the State of Georgia.
3. Be 62 years of age or older at the time of registration. (A birth certificate or valid Georgia Driver's license must be submitted with the application for admission.)

Special Student Admission

Applicants who have a baccalaureate or higher degree from an accredited institution of higher education and who do not wish to pursue another degree may enroll as Special Students. Individuals in this category are required to submit an official transcript showing evidence of degree completion. Applicants must also provide evidence of immunization and submit Lawful Presence documentation and any other materials required by the Office of Admissions. An applicant with a degree who wishes to complete a program at Middle Georgia State University will be classified as a transfer student and must meet the requirements set forth in the catalog.

Transfer Student Admission

- Transfer applicants who have earned fewer than 30 semester hours of transferable credit must meet the following requirements to be admitted:
    - Meet freshman requirements
    - Present a cumulative grade-point average of 2.00 or above (based on a 4.00 scale) on all work attempted and must be in "good standing"
- Transfer applicants with less than 30 semester hours of transferable credit whose cumulative grade-point average is below 2.00 may be considered for admission and will immediately be placed on academic probation.

  Transfer applicants who have earned 30 or more hours of transferable credit must meet the following requirements to be admitted:
    - Present a cumulative grade-point average of 2.00 or above (based on a 4.00 scale) on all work attempted
    - Be in "good standing" at the last institution attended
    - Must have met all learning support and RHSC requirements

Transfer Credit Policy

Transfer Credit Policy
Middle Georgia State University will accept credits from accredited colleges and universities. In limited circumstances credits may be reviewed for acceptance from alternative institutions and will be evaluated on a course-by-course basis. Students can also earn credits through the following ways:
A. Transfer Articulation Agreements that Middle Georgia State has with other institutions (course by course equivalent).
B. Courses from the Technical College System of Georgia (TCSG) that were approved by the University System of Georgia's Board of Regents
C. Military Credits for Military [Training] that are awarded through the procedures established by the University System of Georgia's Board of Regents based on the American Council of Education (ACE) recommendations.
D. Prior Learning Assessment (PLA) are credits that are awarded for learning which may take place outside of the classroom and through life or work experiences. Such
experiences may include professional licensing and Federal Aviation Administration (FAA) training. The PLA process may additionally by applied to non-typical circumstances, for example, courses taken at an institution before it was accredited. Formal PLA documents must be evaluated on level of study, content, quality, comparability, STUDENT LEARNING OUTCOMES, and degree program relevance. These documents must first be approved by the school that houses the program. The PLA process does not guarantee the acceptance of credits. It is the student's responsibility to provide detailed documentation that any transfer of credit process requires.
E. International Transfer Credits are credits from students with transcripts from a college or university outside of the United States. Students must submit a foreign credential evaluation from a professional evaluation company. In order for credits to be evaluated by recognized organizations, we recommend using one of the following: World Education Services, Josef Silny & Associates, Educational Credentials Evaluators, or Incred for international student athletes registering with the National Association of Intercollegiate Athletics (NAIA) Eligibility Center.
· Credit evaluation must demonstrate the coursework is equivalent to undergraduate coursework taken in the United States at an accredited institution of higher learning.
· International transfer credit is generally awarded as elective credit, and further review by the school that houses the program is required to recommend either specific course equivalencies or course substitutions toward the degree program.
·Courses for study abroad programs must be approved prior to travel for transfer of credit by Internation Education: Middle Georgia State University (mga.edu).
F. Test scores (e.g., AP, CLEP, IB) must be official and submitted to the Office of Admissions.
· No credit is awarded for the College Level Examination Program (CLEP) "General Examinations." To see which CLEP Subject Examinations are accepted for credit, see the Academic Requirements and Information Section of this catalog, or go to www.mga.edu/testing-services/clep.aspx.
· Students may apply for Advanced Placement Program credit only after being accepted and enrolled by Middle Georgia State University. For additional information, please refer to catalog section Credit by Examination under Academic Requirements.
All students who have applied and are seeking to have credits transferred into Middle Georgia State University must submit official transcripts before an evaluation can be completed. The evaluation of transcripts can take up to three weeks; other evaluation of credits can take thirty days or more. Transfer Evaluations are completed in the order in which they are received by the Office of the Registrar. Once credits are awarded, students can review them in their SWORDS account.
*Commonly recognized accrediting agencies are Western Association of Schools and Colleges (WASC), Higher Learning Commission (HLC), Middle States Commission on Higher Education (MSCHE), New England Association of Schools and Colleges (NEASC), Northwest Commission on Colleges and Universities (NWCCU), Southern Association of Colleges and Schools, Commission on Colleges (SACSCOC), and Accrediting Commission for Community and Junior Colleges (ACCJC).
Note: As of 2020 SACSCOC has replaced the term "regional" with "institutional" to comply with federal regulations. If you believe your previous credit falls outside one of the above accrediting agencies but has been issued by a USDE- recognized accrediting agency contact the Office the Registrar's.

Revised 03/22/21 KC, DA, D. Matthews, and D. Mitchell
Updated 03/16/21 KC to reflect new federal standards
Effective 2020-2021

Transfer Credit from University System of Georgia Institutions

Students who have earned an associate's or bachelor's degree from a University System of Georgia institution and subsequently enroll in undergraduate programming at Middle Georgia State University will receive credit for Areas A-E of the core curriculum as long as they have not changed from a non-science major to a science major.
Students who have earned an associate's or bachelor's degree from a University System of Georgia institution and subsequently enroll in undergraduate programming at Middle Georgia State University and change from a non-science major to a science major will receive credit for Areas A, B, C, and E.

Students who have successfully completed an Area F course at a University System of Georgia institution will receive full credit for the course upon transferring to Middle Georgia State University as long as the student retains the same major.

Transient Student Admission

Applicants who have attended another college or university and seek temporary admission to Middle Georgia State University must complete an online admission application and submit a letter from the registrar of the institution in which they are regularly enrolled which recommends admission as a transient student. Applicants must also provide evidence of immunization and submit Lawful Presence documentation and any other materials required by the Office of Admissions. Transient students who wish to continue in attendance beyond a temporary period must meet the requirements outlined for transfer students. Transient students are expected to abide by Middle Georgia State University's policies, procedures, and student code of conduct.

Non-Degree Major Admissions

Applicants who have not previously attended a college and who wish to pursue courses for personal enrichment or advancement must satisfy regular admissions requirements prior to enrollment. Non-degree majors must satisfy all Learning Support prerequisites before enrolling in a course and may earn a maximum of 15 semester hours (including institutional credit). Students must fulfill all relevant beginning freshman requirements before entering a degree program.

Former Student Admission

Students who have attended Middle Georgia State University within a 12 month period and who have not attended any other institution in the interim are not required to reapply.
Former students who meet any of the following criteria must complete an admission application and pay the application fee.

- Former enrolled students who have attended other institutions since their enrollment at Middle Georgia State University must furnish official transcripts from each institution attended.
- Former enrolled students who have not attended Middle Georgia State University within the last twelve months.
- Former enrolled students who were dismissed academically or suspended under the Learning Support Exclusion policy.

Former students will be evaluated for re-admission based on the current admission standards and following these guidelines:

1. Former students who stop out* in good academic standing and have completed College Level English and College Level Mathematics will be guaranteed readmission to the university, but not to a particular degree program.
2. Former students who stop out* and have not completed College Level English and College Level Mathematics will be placed into learning support.

3. Former students who stop out* while on probation and have completed College Level English and College Level Mathematics may be readmitted for one term and must make a 2.00 term grade point average to remain enrolled.
4. Former students who are dismissed for academic reasons may apply for readmission after the established waiting period set forth in the Academic Standards (i.e., first suspension = one term; second suspension = one year). Current admission standards will be used to determine readmission to the institution. After a third suspension, students are not eligible for readmission to the university until they are able to meet an overall cumulative 2.00 grade point average (transfer + institutional GPA).

5. Former students who attend another college or university after leaving MGA will be reevaluated for admission based on their entire academic records (transfer + institutional GPA) and must meet a cumulative grade point average of 2.0 or higher.
*Students are considered to have stopped out of the institution when they leave on their own accord for a period of three consecutive semesters.

Notification of Privacy Rights

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the Office of the Registrar written requests that identify the record(s) they wish to inspect. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Office of the Registrar, the Registrar shall advise the student of the correct official to whom the request should be addressed.

2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading, or in violation of their right to privacy. Students may ask the College to amend a record that they believe is inaccurate or misleading, or in violation of their privacy rights. They should write the College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading, or otherwise in violation of their right to privacy. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

   Note: FERPA was not intended to provide a process to be used to question substantive judgments which are correctly recorded. The rights of challenge are not intended to allow students to contest, for example, a grade in a course because they felt a higher grade should have been assigned.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, collection agent, or official of the National Student Loan Clearinghouse); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. The University may disclose education records in certain other circumstances:

   - comply with a judicial order or a lawfully issued subpoena;
   - to appropriate parties in a health or safety emergency;
   - to officials of another school, upon request, in which a student seeks or intends
   - to enroll; in connection with a student’s request for or receipt of financial aid, as necessary to
   - determine the eligibility, amount, or conditions of the financial aid, or
   - to enforce the terms and conditions of the aid;
   - to certain officials of the U.S. Department of Education, the Comptroller General,
   - to state and local educational authorities, in connection with certain state or federally supported education programs;
   - to accrediting organizations to carry out their functions;
   - to organizations conducting certain studies for or on behalf of the University;
   - the results of an institutional disciplinary proceeding against the alleged of a crime of violence may be released to the alleged victim of that crime with respect to that crime.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW., Washington, DC, 20202-4605

5. The University designates the following as public or "Directory Information": The student's name, USPS mailing addresses, major field of study, degree sought, expected date of completion of degree requirements and graduation, degrees and awards received, dates of attendance, full or part time enrollment status, classification, the previous educational agency or institution attended, and participation in officially recognized activities and other similar information.

6. Students may restrict the release of "Directory Information", except to school officials with legitimate educational interests and others as indicated in point #3 above. To do so, a student must make the request in writing to the Office of the Registrar, Middle Georgia State University, 100 University Parkway, Macon, GA 31206-5144. A form is available in the Registrar's Office for that purpose. Once filed, this request becomes a permanent part of the student’s record until the student instructs the University, in writing, to have the request removed.

For purposes of compliance with FERPA, the University considers all students independent. For more information about FERPA, visit the Registrar’s Office webpage, Understanding of Your Privacy Rights: FERPA: http://mga.edu/registrar/FERPA.aspx.

Student Finances

Middle Georgia State University (MGA) is a unit of the University System of Georgia (USG) and receives a major portion of its operating funding through appropriations from the State of Georgia. This support enables the University to offer high quality educational programs at a minimal cost to its students.
MGA's academic year is comprised of fall and spring semesters, as well as a series of summer sessions.
The University's tuition is set by the USG's Board of Regents each spring and is effective the following fall term. Mandatory Fees and Other Fees are proposed annually by the University, supported by a committee, which includes students, and ultimately approved by the Board of Regents. However, the University and the University System reserve the right to change fees at the beginning of any term.

Financial Responsibility Agreement

In exchange for registering for classes and receiving education services from Middle Georgia State University (MGA), all students are required to accept all of the terms and conditions set forth in MGA's Financial Responsibility Agreement. All students are required to renew their acknowledgement to the agreement July 1 of each year through their SWORDS account in order to continue to register for classes. Until the agreement is signed, a hold will remain on their account.This agreement acknowledges the student's responsibility and agreement to pay all tuition, fees and all related costs for the services received. In situations where a student has incurred debt, this agreement acknowledges a student's financial obligation to repay the institution and provides the institution the mechanism to charge collection fees to the student (15%) as suggested by the Attorney General's Office in accordance with OCGA 13-1-1.

Payment of Tuition and Fees

Payment deadlines are listed on the University's website under the Bursar's Office page. Registration is not complete until all tuition and fees have been paid. All tuition and fees and other charges are subject to change at the end of any semester. See the Bursar's Office page on the University's website for current tuition and fee amounts.
Tuition and fees payments may be made at the following physical locations but only with *cash, check or money order.* (This applies to all payments submitted in person or via postal services. Payments via telephone are not accepted):

- **Macon Campus** - Bursar's Office located on the second floor of the Student Life Center
- **Cochran Campus** - Bursar's Office located on the second floor of Grace Hall
- **Dublin Campus** - Reception desk located in the main building
- **Eastman Campus** - Reception desk located in the main building
- **Warner Robins Campus** - Administrative Office located in the Academic Services Building

Payment may also be made **online:**

- Students may pay online by logging into their SWORDS account on the Middle Georgia State University website.
- Online payment options available for tuition and fees are:
    - **Credit/debit cards** - a 2.90% convenience fee will be added for using a credit or debit card. For example, a $1,000 payment to Middle Georgia State via credit card would result in a $1,029 charge to your credit card. Visa, Mastercard, Discover, or American Express can be used.
    - **E-check (electronic check)** - no convenience fee will be added when paying by e-check, but you will need your bank routing number and your account number.

Important Note: Payments for miscellaneous fines or fees (library fines, parking fines, graduation applications, etc.) can still be made at our Macon, Cochran, Dublin, Eastman and Warner Robins campus payment locations with a credit card (Visa, Mastercard, Discover, or American Express will be accepted and no convenience fee will be added), as well as with cash, check or money order.
A student attending classes who has not completed registration with the Bursar's Office through payment of fees will be held liable for the fees due plus any service fees assessed, applicable collection costs, court costs, and legal fees associated with collection efforts. A "hold" will be placed on the record of any student who has a financial obligation to the University and will remain on the student's record until the obligation is settled. This "hold" prevents a student from registering for additional classes, from graduating, and from obtaining grades and transcripts.
Persons who have payments returned by a financial institution must promptly settle their obligation with the University, along with a $30 returned item fee. Failure to do so will be considered nonpayment of fees. The University reserves the right to void a student's registration for nonpayment of fees at any time during the academic term. The University also reserves the right to place students on "cash only" status for making payments that are not honored by a financial institution.

It is the responsibility of all Middle Georgia State University students to be informed of, and to observe all regulations and procedures regarding the payment of any tuition and fees and the entitlement of refunds. In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that he/she was not informed of the regulation by a University advisor or other University authority. Verbal misinformation is not grounds for waiver of a regulation. All questions concerning tuition, fees and refunds should be directed to the Bursar's Office.

Tuition and Fee Payment and Deferral

As an institution of the USG, MGA abides by policy 7.3.3 in the Board of Regents Policy Manual.

7.3.3 Tuition and Fee Payment and Deferral

All tuition and fees are due and payable on or before the last day of the drop/add period for the specific academic term. Exceptions to the time of payment are as follows:

1. An institution may defer tuition and fees up to the amount authorized for a specific academic term for students whose fees are guaranteed and will be paid by an outside agency under a documented agreement with the institution;
2. An institution may defer tuition and fees up to the amount of the aid granted for a specified academic term for students who have an institution-administered loan or scholarship in process;
3. An institution may defer tuition and fees up to the limit stated in the certificate or other document for a specified academic term for foreign students who have a certificate or other acceptable documented evidence that payment will be made after a statement of charges from the student has been presented for payment;
4. An institution may elect to collect fees specifically for housing and dining on an installment basis, in advance of service provided;
5. An institution filing an approved plan with the Office of Fiscal Affairs may elect to collect tuition and fees on an installment basis, in advance of services provided.

Note: The Veterans Benefits and Transition Act of 2018 falls under provision 1.

Tuition Rates

- **Current Rate** This rate applies to all currently enrolled students at Middle Georgia State University.
- **Online Learning** These tuition rates consist of an eCore rate, an eCampus rate, and an eTuition rate.
- **Study Abroad** This rate applies to the USG Goes Global study abroad programs.

These rates apply to tuition only and are subject to increase each year. New rates are automatically calculated on students' eBills. Any questions may be directed to one of the University's Enrollment Support Team representatives by calling 478.387.0580 or by emailing bursar@mga.edu. More tuition information can also be found at http://www.mga.edu under the Bursar's Office page.

Fee Schedule

All charges are based on approved fees and are subject to change according to the policy of the Board of Regents.
For fee schedules, click here.

All new students will be charged a $25 orientation fee.
Middle Georgia State University assesses mandatory fees each semester to students who are registered for one or more credit hours. MGA's mandatory fees include the following fees: activity fee, athletic fee, health fee, parking fee, recreation and wellness fee, and technology fee. The activity fee is assessed per credit hour and is capped at 15 hours. Prorated amounts for the athletic fees are assessed for enrollment below 5 credit hours – the full athletic fee is assessed for 5 to 15 hours. The recreation and wellness fee is assessed by campus (Macon and Warner Robins only).
Students may take on-campus classes, hybrid classes, partially online classes, or fully online classes. Charges will be calculated based on the total number of hours and the individual type(s) of course(s) (on-campus, partially online, hybrid and/or fully online) for which a student registers.
A student residing in MGA housing and registered exclusively in fully online classes is not exempt from the following mandatory fees: the activity fee, athletic fee, health fee, recreation and wellness fee and parking fee. All other mandatory fees apply. **All** mandatory fees will be applied to a student's total hours if they are taking on campus only classes **or** a combination of on campus, partially online, hybrid and fully online classes.
All fees are tentative and subject to change according to Board of Regents policy.

Other Fees and Charges

All charges are based on approved fees and are subject to change according to the policy of the Board of Regents. Figures shown here are approximations provided for readers' planning purposes. For current fees, click here.

GENERAL FEES

Add Back Fee (Reinstatement)	$100.00	
Application Fee - Undergraduate	$30.00	
Application Fee - Graduate	$40.00	
Application Fee - Residence Life	$155.00	
Resident Hall Lockouts	$25.00	
Lost Key Fee	$55.00	
Trash Fine - Housing	$30.00	
Door/Property damage Fine - Housing	$50.00	
Smoking Fine - Housing	$50.00	
Early Check In Fee -Housing	$20.00	per day
Late Check Out Fee -Housing	$20.00	per day
Reassignment Fee -Residence Life	$100.00	
Orientation Fee	$25.00	
Graduation Fee - Undergraduate	$35.00	
Graduation Fee - Graduate	$50.00	
Late Registration Fee	$50.00	
Replacement ID Fee	$20.00	
Transcript Fee	$10.00	

TESTING FEES

Accuplacer	$35.00
Accuplacer Transfer	$35.00
CLEP	$25.00
Dantes	$25.00
eCore	$20.00
GA/US Constitution	$15.00
GA/US History	$15.00
IT (Information Technology) Prior Learning Assessment	$175.00
Proctored Exam	$35.00

ACADEMIC PROGRAM FEES

SCHOOL OF AVIATION

Flight Fees		
Archer (Glass)	$164.00	per hour
Arrow (Hybrid)	$179.00	per hour
Citabria (Steam)	$132.00	per hour
Robinson (Hybrid)	$410.00	per hour
Seminole (Hybrid)	$298.00	per hour
Seminole (Steam)	$285.00	per hour
Seminole (Glass)	$298.00	per hour
Warrior (Steam)	$151.00	per hour
Warrior (Hybrid)	$159.00	per hour
Frasca (Steam) Simulator	$80.00	per hour
Frasca (Glass) Simulator	$80.00	per hour
Helicopter Simulator	$80.00	per hour
CRJ Simulator	$250.00	per hour
CabriG2 Helicopter	$255.00	per hour
Super Decathlon	$173.00	per hour
Class Fees		
Drug Test Fee	$20.00	
Flight Instructor Fee	$20.00	
Aviation Maintenance Lab Fee	$25.00	
Flight Lab Fee	$25.00	
Aviation FAA (Federal Aviation Administration) Tests		
Private Pilot Knowledge Test	$165.00	
Instrument Pilot Knowledge Test	$165.00	
Commercial Pilot Knowledge Test	$165.00	
Fundamentals of Instruction Knowledge Test	$165.00	
Flight Instructor Knowledge Test	$165.00	
Air Traffic Control		
Air Traffic Control Tower Operations	$995.00	per course
Air Traffic Radar Operations	$995.00	per course

Note: Fees associated with specific MGA flight courses and FAA ratings can be found in the School of Aviation (p. 108) part of the catalog.

SCHOOL OF ARTS & LETTERS

History		
College On the Move Living History Tour	$1,350.00	
Media, Culture, & the Arts		
2D Design Fee	$35.00	
3D Design Fee	$35.00	
Applied Music Fee	$225.00 per hour lesson	
Ceramics I Class Fee	$35.00	
Drawing I Class Fee	$35.00	
Drawing II Class Fee	$35.00	
Figure Drawing Class Fee	$35.00	
Film Photography Class Fee	$35.00	
Graphic Design Fee	$35.00	
Painting I Class Fee	$35.00	
Photography Class Fee	$35.00	
Printmaking I Class Fee	$35.00	
Sculpture Class Fee	$35.00	
SCHOOL OF COMPUTING		
Department of Information Technology		
Cybersecurity Seminar	$600.00	
Leadership 360 Assessment	$350.00	
SCHOOL OF EDUCATION & BEHAVIORAL HEALTH SCIENCES		
Department Teacher Education and Social Work		
Junior Year Field Course I (Internship)	$50.00 (per field course)	Secondary Education
Junior Year Field Course II	$40.00 (per field course)	Early Childhood/Middle Grades
Senior Clinical I	$60.00	Early Childhood/Middle Grades
Senior Clinical II	$100.00	Elementary/Special Education
General Science for Elementary Ed.	$15.00	
Integrated Science	$15.00	
Graduate Field Course I	$10.00	
Graduate Field Course II	$50.00	
Social Work Liability Insurance	$16.00	
Department of Psychology and Criminal Justice		
Criminal Justice Liability Insurance	$16.00	
Psychology Liability Insurance	$16.00	

Public Service Liability Insurance	$16.00
SCHOOL OF HEALTH & NATURAL SCIENCES	
Department of Natural Sciences	
Biology Field Studies Fee	$100.00
Georgia Geology Field Class Fee	$100.00
Lab Fee	$25.00
Nursing	
Liability Insurance	$16.00
Nursing Entrance Exam	$70.00
Rehabilitation Science	
Liability Insurance	$16.00
Lab Fee - Adaptive Techniques	$60.00
Lab Fee - Therapeutic Media	$150.00
Respiratory Therapy	
Liability Insurance	$16.00
Entrance Exam	$15.00
SAE Exam	$120.00
Testing Fee	$240.00
Kettering Credential Preparation	$364.00

STUDENT HEALTH INSURANCE Program (SHIP)

For more information about SHIP, please visit https://www.mga.edu/health-clinic/student-insurance.php .

2023-2024 Annual Premiums

Mandatory Enrollment	$2,856.00
Voluntary Enrollment	$4,002.00

Additional Costs of Attendance

Students may incur additional costs of attendance while attending Middle Georgia State University undergraduate programs. These costs include textbooks, course supplies, nursing or other uniforms, instruments, and liability insurance.

Refund Policy (Non-Financial Aid)

A full refund will be given to students who officially withdraw prior to the first day of the semester. The refund amount for students completely withdrawing from the University after the first day of the semester will be based on a pro rata percentage determined by dividing the total number of calendar days in the semester the student has completed by the total number of calendar days in the semester. The total number of calendar days in the semester will include weekends. Scheduled breaks of five or more days and days that a student was on an approved leave of absence are excluded. No refunds will be issued once a student has completed 60% or more of a semester. However, a refund of all nonresident fees, matriculation fees, and other mandatory fees will be made in the event of the death of a student at any time during the academic session.

NO refunds will be made for the following:

- Withdrawal after 60% of the semester is completed
- Failure to withdraw officially
- Suspension or forced withdrawal for disciplinary reasons
- Reduction in hours after the "drop/add" period ends
- Late registration fee payments
- Applied music fee payments

The "stop payment" of a check does not constitute an official withdrawal from Middle Georgia State University. The student will be held liable for all charges unless the date of official withdrawal from the University is within the refund period, in which case the student will be liable for the portion of their tuition and fees that are not refundable, plus the returned check fee and any applicable collection costs, including court and legal fees associated with collection.

Delivery of Refunds

Middle Georgia State University delivers refunds of tuition, fees, scholarships, and remaining balances of financial aid funds with BankMobile Disbursements, a technology solution, powered by BMTX, Inc. Visit this link for more information: https://bankmobiledisbursements.com/refundchoicesso.

At the start of the semester or part-of-term session, disbursement of financial aid funds to student accounts will occur after the drop/add period has ended and no-show reporting has been completed. Per federal regulations, refunds of remaining credit balances are to be released no later than 14 calendar days after posting financial aid disbursements to student accounts. Following this period, refunds are processed weekly during the semester.

Classification for Tuition Purposes

Description of Terms Used in the Policy

Dependent Student – an individual under the age of 24 who receives financial support from a parent or United States court appointed legal guardian.

Emancipated – a minor who, under certain circumstances, may be treated by the law as an adult. A student reaching the age of 18 shall not qualify for consideration of reclassification by virtue of having become emancipated unless he or she can demonstrate financial independence and domicile independent of his or her parents.

Independent Student – an individual who is not claimed as a dependent on the federal or state income tax returns of a parent or United States court appointed legal guardian and whose parent or guardian has ceased to provide support and rights to that individuals' care, custody, and earnings.

For additional terms and definitions, view the Glossary of Terms for Classification of Students for Tuition Purposes provided through the University System of Georgia website.

United States Citizens

A. Independent Students

1. An independent student who has established and maintained a domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term shall be classified as in-state for tuition purposes.

   No student shall gain or acquire in-state classification while attending any postsecondary educational institution in this state without clear evidence of having established domicile in Georgia for purposes other than attending a postsecondary educational institution in this state.

2. If an independent student classified as in-state for tuition purposes relocates out of state temporarily but returns to the State of Georgia within 12 months of the relocation, such student shall be entitled to retain his or her in-state tuition classification.

B. Dependent Students

1. A dependent student shall be classified as in-state for tuition purposes if such dependent student's parent has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term and (a) the student has graduated from a Georgia high school; or (b) the parent claimed the student as a dependent on the parent's most recent federal or state income tax return.
2. A dependent student shall be classified as in-state for tuition purposes if such student's United States court appointed legal guardian has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term, provided that such appointment was not made to avoid payment of out-of-state tuition and the U.S. court appointed legal guardian can provide clear evidence of having established and maintained domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term.
3. If the parent or United States court appointed legal guardian of a dependent student currently classified as in-state for tuition purposes establishes domicile outside of the State of Georgia after having established and maintained domicile in the State of Georgia, such student may retain his or her in-state tuition classification so long as such student remains continuously enrolled in a public postsecondary educational institution in this state, regardless of the domicile of such student's parent or United States court appointed legal guardian.

Noncitizen Students

A noncitizen student shall not be classified as in-state for tuition purposes unless the student is legally in this state and there is evidence to warrant consideration of in-state classification as determined by the Board of Regents. Lawful permanent residents, refugees, asylums, or other eligible noncitizens as defined by federal Title IV regulations may be extended the same consideration as citizens of the United States in determining whether they qualify for in-state classification.
International students who reside in the United States under non-immigrant status conditioned at least in part upon intent not to abandon a foreign domicile shall not be eligible for in-state classification.

Middle Georgia State University Out-of-State Tuition Waivers

(This revised policy was adopted 9/9/14, to be effective Fall 2015; expanded eligibility for military waivers effective no later than July 1, 2015: BoR Minutes, Sept. 9, 2014)
An institution may award out-of-state tuition differential waivers and assess in-state tuition for certain non-Georgia residents under the conditions listed below. Notwithstanding any provision in this policy, no person who is unable to show by the required evidence that they are lawfully in the United States shall be eligible for any waiver of tuition differential (BoR Minutes, June 2010; October 2013). Institutions shall comply with the procedures governing the award of out-of-state tuition waivers as established by the Executive Vice Chancellor for Academic Affairs/Chief Academic Officer. Note: For the definition of residency status, see Section 4.3 of this Policy Manual.

Presidential Waivers

Out-of-state students selected by the institution president or an authorized representative, provided that the number of such waivers in effect does not exceed four percent (4%) for the University of Georgia, Georgia Institute of Technology, Georgia State University, and Georgia Regents University, and two percent (2%) for all other institutions of the equivalent full-time students enrolled at the institution in the fall term immediately preceding the term for which the out-of-state tuition is to be waived. Institutions awarding presidential waivers in the spring term semester may use either the fall term one year prior or the fall term immediately prior when calculating the number of allowable waivers. The proportionate percentage of out-of-state tuition waived shall be used when determining the number of waivers in effect such that a full waiver of out-of-state tuition counts as one waiver, while a 50% waiver of out-of-state tuition counts as a 0.5 waiver (BoR Minutes, April 2012; October 2013).
Institution presidents may award Presidential Waivers at their discretion to students within the following categories:

1. Academic: Students who have demonstrated the potential to excel within a particular program of study offered by the institution as evidenced by scoring within the top half of students matriculating at the institution or the top half of students matriculating within the particular program of study to which the student has applied. Institutions shall determine the top half using the academic criteria (e.g., Freshman Index, standardized test scores, GPA, artistic ability) applicable either for general admission to the institution or for the particular program of study to which the student has applied.
2. Athletic: Students selected to participate in the institution’s intercollegiate athletics program and who have demonstrated the potential to succeed within a particular program of study offered by the institution. The percentage of waivers offered within the Athletic category shall not exceed one-third (1/3) of the total number of Presidential Waivers which the institution is eligible to offer, i.e., 4% or 2%.
3. International: Non-citizen students who are not otherwise ineligible for a tuition differential waiver under this policy and who have demonstrated the potential to succeed within a particular program of study offered by the institution.

Institution presidents shall define institution-specific criteria and procedures for the awarding of and maintaining eligibility for Presidential Waivers and shall submit the institution-specific criteria and procedures for approval to the Chief Academic Officer no later than June 30 prior to the semester in which those criteria and procedures shall take effect. Extraordinary circumstances may arise justifying award of a Presidential Waiver under criteria not specified in this Policy but consistent with the Policy intent and in support of the institution's mission. Presidents may offer an Academic Presidential Waiver in these circumstances but must first seek approval, on a one-time or standing basis, from the Chief Academic Officer. A student may be eligible under one or more Presidential Waiver categories but shall only be granted a waiver under one specific category and will only be counted within the category assigned by the institution. Institutions shall maintain evidence of said approval. Institutions shall maintain adequate documentation of waiver awards to validate that waiver recipients met the institutional criteria and complied with Board of Regents Policy.
Students receiving a Presidential Waiver must achieve a specified level of academic performance to maintain eligibility for the Presidential Waiver. Students receiving an academic or international Presidential Waiver must maintain a 2.5 GPA calculated on a cumulative basis at the conclusion of each academic year as specified in the respective institution's approved procedures and using the same GPA method used to calculate Satisfactory Academic Progress (SAP). Students receiving an athletic Presidential Waiver must maintain SAP.
Failure to maintain the specified level of academic performance at the conclusion of the respective academic year shall result in the student being placed in a two-semester probationary period for waiver purposes. The student shall be eligible to maintain a waiver during this probationary period but shall be ineligible for the waiver if the student is not able to achieve the specified level of academic performance for the student's specific Presidential Waiver sub-category. The student is eligible to re-gain the waiver, subject to the institution's discretion and consistent with this Policy, should the student achieve the specified level of academic performance for the student's specific Presidential Waiver sub-category.

Economic Advantage Waiver

1. Students who are certified by the Commissioner of the Georgia Department of Economic Development as being part of a competitive economic development project.

2. As of the first day of classes for the term, an Economic Advantage Waiver may be granted under the following conditions:

    - **U.S. Citizens, Permanent Residents, and Other Eligible Non-Citizens**

    A. Dependent Students
    Dependent students providing clear and convincing evidence that the student's parent or U.S. court-appointed legal guardian relocated to the state of Georgia to accept full-time, self-sustaining employment. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded.
    B. Independent Students
    Independent students providing clear and convincing evidence that they, or their spouse, relocated to the state of Georgia to accept full-time, self-sustaining employment. The relocation to the state must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded.
    C. U.S. refugees, asylees, and other eligible noncitizens as defined by the federal Title IV regulations may be extended the same consideration for the economic advantage waiver as citizens and lawful permanent residents of the United States.
    Waiver eligibility for the above qualifying students expires twelve (12) months from the date the waiver is awarded.

    - **Non-Citizens**

    A. Dependent Students
    Non-citizen dependent students providing clear and convincing evidence that the student's parent or U.S. court-appointed legal guardian relocated to the state of Georgia to accept full-time, self-sustaining employment and entered the state in a valid, employment-authorized status. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded. Additionally, the non-citizen dependent student must provide clear evidence that the parent, or U.S. court-appointed legal guardian, is taking legally permissible steps to obtain lawful permanent resident status in the United States.
    B. Independent Students
    Non-citizen independent students must provide clear and convincing evidence that they, or their spouse, relocated to the state of Georgia to accept full-time, self-sustaining employment and entered the state in a valid, employment authorized status. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded. Additionally, non-citizen independent students must provide clear evidence that they, or their spouse, are taking legally permissible steps to obtain lawful permanent resident status in the United States.
    Waiver eligibility for the above qualifying students may continue provided full-time, self-sustaining employment in Georgia and the employment-authorized status are maintained. Furthermore, there must be continued evidence of Georgia domicile and efforts to pursue an adjustment to United States lawful permanent resident status.

3. Students who are employees of Georgia-based corporations or organizations that have contracted with the Board of Regents through USG institutions to provide out-of-state tuition differential waivers.
4. Students enrolled in a USG institution based on a referral by the Vocational Rehabilitation Program of the Georgia Department of Labor (BoR Minutes, October 2008).
5. Career consular officers, their spouses, and their dependent children who are citizens of the foreign nation that their consular office represents and who are stationed and living in Georgia under orders of their respective governments.
6. Border State tuition waiver – for students domiciled in Alabama, Florida, South Carolina, and Tennessee. Students must meet one of the following requirements to be considered for the waiver:

    - Live in a Cochran Campus residence hall.
    - And/or take the majority of their courses on the Cochran campus.

- **Employee**

    a. Full-time USG employees, their spouses, and their dependent children.
    b. Full-time employees in the public schools of Georgia or the Technical College System of Georgia (BoR Minutes, October 2008), their spouses, and their dependent children.
    c. Teachers employed full-time on military bases in Georgia also shall qualify for this waiver (BoR Minutes, 1988-89, p. 43).

- **Military**

    a. Active duty military personnel, their spouses, and their dependent children who meet one of the following:

- The military sponsor is currently stationed in or assigned to Georgia; or,
- The military sponsor previously stationed in or assigned to Georgia is reassigned outside of Georgia, and the student(s) remain(s) continuously enrolled in a Georgia high school, Technical College System of Georgia institution, and/or a University System of Georgia institution; or,
- The military sponsor is reassigned outside of Georgia and the spouse and/or dependent children remain in Georgia; or,
- The military sponsor is stationed in a state contiguous to the Georgia border and reside in Georgia; or,
- Dependent children of a military sponsor, previously stationed in or assigned to Georgia within the previous five years, and/or the child completed at least one year of high school in Georgia; or,
- Any student utilizing VA educational benefits transferred from a currently serving military member is also eligible.

    b. Active members of the Georgia National Guard stationed or assigned to Georgia or active members of a unit of the U.S. Military Reserves based in Georgia, and their spouses and their dependent children (BoR Minutes, October 2008).
    c. Separated military members from a uniformed military service of the United States who meet one of the following:

- Individuals who within thirty-six (36) months of separation from such service, enroll in an academic program and demonstrate intent to become domiciled in Georgia. This waiver may also be granted to their spouses and dependent children. (BoR Minutes, June 2004; October 2008; October 2013).
- Any separated service member or any student utilizing transferred VA educational benefits, and physically residing in the state, who enrolls within one hundred-twenty (120) months of separation is also eligible.

- **Reciprocal**

    a. Students selected to participate in programs offered through the Academic Common Market.
    b. Any student who enrolls in a USG institution as a participant in an international or domestic direct exchange program that provides reciprocal benefits to USG students (BoR Minutes, October 2008)
    c. Any student who enrolls in a USG study-abroad program to include programs outside the State of Georgia but within the United States and study abroad programs outside the United States. Tuition and fees charged study abroad students shall be consistent with the procedures established in the USG Business Procedures Manual and as determined by the institution president.

Non-Resident Students

As of the first day of classes for the term, a non-resident student can be considered for this waiver under the following conditions:

1. **Students under 24.**

- If the parent, or United States court-appointed, legal guardian has maintained domicile in Georgia for at least twelve (12) consecutive months and the student can provide clear and legal evidence showing the relationship to the parent or United States court-appointed, legal guardian has existed for at least twelve (12) consecutive months immediately preceding the first day of classes for the term. Under Georgia code, legal guardianship must be established prior to the student's 18th birthday (BoR Minutes, October 2008, title amended February 2010); or
- If the student can provide clear and legal evidence showing a familial relationship to the spouse and the spouse has maintained domicile in Georgia for at least twelve (12) consecutive months immediately preceding the first day of classes for the term (BoR Minutes, February 2010).

2. **Students 24 and Older.**

- If the student can provide clear and legal evidence showing a familial relationship to the spouse and the spouse has maintained domicile in Georgia for at least twelve (12) consecutive months immediately preceding the first day of classes for the term. This waiver can remain in effect as long as the student remains continuously enrolled (BoR Minutes, October 2008, title amended February 2010).

This waiver can remain in effect as long as the student remains continuously enrolled (BoR Minutes, October 2008).
If the parent, spouse, or United States court-appointed, legal guardian of a continuously enrolled non-resident student establishes domicile in another state after having maintained domicile in the State of Georgia for the required period, the non-resident student may continue to receive this waiver as long as the student remains continuously enrolled in a public post-secondary educational institution in the state, regardless of the domicile of the parent, spouse or United States court-appointed, legal guardian (BoR Minutes, June 2006, amended October 2008).

Out-of-State Student Classification Change

Students are responsible for registering under the proper classification for tuition purposes. If they believe the initial determination of their classification as an out-of-state student is in error or if they have established legal residence in the state since the semester of their first enrollment, they may apply for classification as an in-state student. The residency petition may be obtained in the Office of the Registrar or the Office of Admissions. The petition must be filed no later than 30 days before the first day of class for the semester for the semester begins in order for the reclassification to take place. This affidavit, when completed, should include documentation such as a statement of voter registration, a copy of the most recent income tax withholding statement, a certified copy of the most recent Georgia Income Tax Return, and copies of any other documents which might substantiate the claim that they have been legal residents of Georgia for twelve months or more prior to the date of registration. These documents might include their selective service registration, a hunting or fishing license, an insurance policy, Last Will and Testament, indication of a Georgia checking or savings account and/or safety deposit box, and certification of membership in professional, business, civic, or other organization in Georgia.
The Registrar will review petitions for classification as an in-state student and will notify students of action taken. If the petition is granted, reclassification **will not** be retroactive to prior semesters.

Appeal of Classification as an Out-of-State Student

Students who wish to appeal a residency decision may request a review of the petition by the University within twenty days. This request must be in the form of a written statement listing in detail the grounds on which they challenge their classification and must include any documentation not already submitted. Any residency decision may be appealed in writing to the Vice President for Enrollment Management.

Scholarships at Middle Georgia State University

The Middle Georgia State University Foundation awards scholarships to students who have applied and been accepted to Middle Georgia State University (MGA). Traditionally, the scholarships are awarded for the upcoming fall and spring semesters. A user-friendly online application is located at www.mga.academicworks.com. Currently, there are more than 130 scholarships available and in past years more than 350 students have been awarded a scholarship.

All scholarships are competitive and are awarded based on the criteria associated with the specific scholarship. Many scholarships are based on expressed financial need and/or academic achievements, while others are specific to major, campus attended or other such criteria. If you have a question regarding the scholarship process, please contact the MGA Foundation office at 478-471-2732.

Financial Aid

Office of Student Financial Aid

The Office of Student Financial Aid is especially concerned with students who need financial assistance to attend Middle Georgia State University (MGA). The primary responsibility for financing university education rests with students and their families. Financial aid is available to supplement family contributions and is provided through a combination of sources including scholarships, grants, loans, and part-time employment. Either the Free Application for Federal Student Aid (FAFSA) or the renewal FAFSA must be used to help determine eligibility for Pell Grant, student loans and other Federal and State programs. Family income, assets, number of family members, number in college, and other factors determine eligibility. The MGA Office of Student Financial Aid will attempt to assist students with the difference between the total expected family contribution and the cost of attending college. Any student admitted to or attending MGA is encouraged to apply for financial aid.

Student financial aid is most frequently awarded to eligible students on the basis of need or merit. Merit is determined by the entity that is providing the money to be awarded (for example, the state of Georgia, Office of Financial, or private donors). Need based aid is determined by the federal government analysis of the data provided by the student's family or, if independent, by the student on the completed FAFSA. This analysis is transmitted to the Office of Student Financial Aid where it is compared with the cost of attendance (COA). The formula applied is: cost of attendance minus expected family contribution (EFC) equals need (COA - EFC = Need). If the family contribution is less than the cost of attendance, financial need has been established.

In general, students who apply by the priority deadline will have their aid processed by that semester's beginning. Due to the fact that certain funds are limited, the Office of Student Financial Aid will award its yearly allocation of those funds to as many students as possible who meet the priority deadline and demonstrate the greatest need. Therefore, students are encouraged to apply as early in the year as possible.

The Office of Student Financial Aid is interested in helping students find ways to finance their education. However, federal and state law heavily regulates the financial aid application and awards process, and as a result the process takes time. At least thirty-percent of MGA students are selected for a process called verification. MGA's Office of Student Financial Aid does not know who will be selected at the time students apply for aid. **When completing the FAFSA students and parents are encouraged to utilize the Internal Revenue Service (IRS) data retrieval process. This will significantly reduce the chances of being selected for verification.** All students should be prepared to supply legible copies of their federal tax transcripts and W2's from the 2017 year, a completed verification worksheet, and any additional financial documents requested by the Office of Student Financial Aid. Students who are not considered independent by the federal government would also need to submit financial document for their parents, i.e., legible copies of their parents' federal tax transcripts and W2's from the 2017 year. The Office of Student Financial Aid may also require a number of other documents before aid can be awarded. **Please respond quickly and accurately to any and all requests for documentation from the Office of Student Financial Aid. Requests will be made via the students' MGA email account. This is the Office of Student Financial Aid's primary form of communication with students.** Students are responsible for obtaining and maintaining their MGA email account. Students are encouraged to check their MGA email on a regular basis.

Only by meeting the priority deadlines can students expect to have funds available at the beginning of the semester. Students who do not meet the deadlines should be prepared to pay their own fees for the semester. Please keep in mind that although we are here to help you, we are not responsible for delays caused by inaccurate or incomplete applications and files.

Contacting us

The Office of Student Financial Aid has staff available to assist students on each of our campuses. Students may contact them at:

Macon Campus
Student Life Center - 2nd Floor
100 University Parkway
Macon, GA 31206
Phone: (877) 238-8664
Fax: (478) 471-2790

Cochran Campus
1100 Second Street, SE
Cochran, GA 31014
Phone (877) 238-8664
Fax: (478) 934-3019

Warner Robins Campus
Academic Services
100 University Blvd.
Warner Robins, GA 31093
Phone (877) 238-8664
Fax (478) 929-6787

Eastman Campus
71 Airport Road
Eastman, GA 31203
Phone (877) 238-8664
Fax (478) 934-3019

Dublin Campus
1900 Bellevue Road
Dublin, GA 31021
Phone (877) 238-8664
Fax (478) 934-3019

Students may email our office at fainfo@mga.edu. This is our departmental email and is applicable to all campuses.

Financial Aid Priority Deadlines

Students applying for financial aid should adhere to these deadline dates to allow for appropriate processing and review time to ensure that their financial aid is available for use prior to the start of a semester. **The following deadlines are 'priority' deadlines. Students meeting these deadlines should have ample notice of their awards prior to the start of the semester. All other applicants will be processed in date order.** The Office of Student Financial Aid will still process the student's award package even if the deadline is missed; however, we make no guarantee that the funds will be available for payment if students apply late. If students miss the deadline and must pay upfront, they generally can be reimbursed for any aid for which they are deemed eligible.

March 15	Fall semester priority deadline for submitting the completed and signed FAFSA or Renewal FAFSA to the federal processor.
April 20	Fall semester deadline for submitting all supporting documentation requested by the Office of Student Financial Aid.
September 1	Spring semester priority deadline for submitting the completed and signed FAFSA or Renewal FAFSA to the federal processor.
October 1	Spring semester deadline for submitting all supporting documentation requested by the Office of Student Financial Aid.
March 1	Summer semester priority deadline for submitting the completed and signed FAFSA or Renewal FAFSA to the federal processor.
April 5	Summer semester deadline for submitting all supporting documentation requested by the Office of Student Financial Aid.

*Students who miss these deadlines must be prepared to pay their own fees. Students must apply for financial aid each academic year. Awards are made only for the current year.

Financial Aid Program Descriptions

Federal Grants

Federal Pell Grant: This grant is available to undergraduate U. S. citizens and eligible non-citizens who demonstrate financial need as determined by the results of the FAFSA applications. The amount of a Federal Pell Grant depends on the student's cost of attendance, expected family contribution, enrollment status (full or part-time), and whether the student will attend for a full academic year or less.
Federal Supplemental Educational Opportunity Grant (SEOG): This grant is awarded to undergraduate students with exceptional financial need. Priority is given to Federal Pell Grant recipients. Since there are limited funds available, students should make sure to complete the FAFSA as early as possible each year.

Federal Loans

(current interest rates may be found at www.studentloans.gov)

Federal Direct (Subsidized) Student Loans:
Subsidized loans are based on financial need. The principle is deferred until six months after your last day of attendance at a half-time level. The federal government pays the interest on the loan while you are in school at least half-time, during your six months grace period, and during authorized periods of deferment.
Federal Direct (Unsubsidized) Student Loans:
This loan is a non-need based loan. While the principle is deferred until six months after your last day of attendance at a half-time level, you are responsible for the interest that accrues from date of first disbursement forward. Interest can either be paid while you are in school, or it can be postponed until you enter repayment. If you postpone paying interest, once you enter repayment it will be capitalized (added to principal) thereby increasing the outstanding balance on which interest accrues daily.

Federal Direct Parent Loans for Undergraduate Students (PLUS):
The federal government sponsors PLUS loans for families needing additional loan assistance. If a parent borrows on behalf of a dependent undergraduate student, the student must also meet general eligibility requirements. The maximum PLUS loan amount that a parent can borrow is the student's cost of attendance minus any other financial aid the student receives.

Federal Work Study

This program is designed to provide students with an opportunity to pay part of their educational expenses by working at a part-time job. To be employed under this program, students must show evidence of financial need each semester, and maintain good academic standing while employed under this program. Preference will be given to students with exceptional financial need.
Under the Federal Work Study Program students are given the opportunity to work approximately 16 hours per week depending on the award. These funds must be earned. Students must arrange their employment schedule with their assigned supervisors.

Student Assistant Program

This program, sponsored entirely by Middle Georgia State University, employs students on a part-time basis on campus. Financial need is not a determinant. Students must be enrolled for at least six hours to be employed as a student assistant.
Under the Student Assistance programs, students are given the opportunity to work approximately 15 to 19 hours per week depending on the award. These funds must be earned. Students must arrange their employment schedule with their assigned supervisors.

State Aid Programs

Students wishing to apply for the Georgia's Zell Miller or HOPE Scholarship/Grant programs (only) will need to complete the GSFAPPS form at www.GAfutures.org **and** the Middle Georgia State University HOPE Scholarship or HOPE Grant Evaluation Request form, if applicable. For more information about Georgia's Zell Miller or HOPE programs, refer to www.GAfutures.org.

Dual Enrollment

Students who are enrolled in eligible high schools may participate in the Dual Enrollment Program (previously Move On When Ready Program).
Beginning with Fall term 2015 (FY 2016) the program is offered during all terms of the school year; fall, spring and summer semester or fall, winter, spring, and summer quarter.
To be eligible for the Dual Enrollment program, a student must be enrolled in the tenth, eleventh or twelfth grade of a private or public high school in Georgia or a home study program within the State of Georgia operated in accordance with O.C.G.A. §20-2-690(c); be admitted to an eligible, participating USG, TCSG or Private postsecondary institution as a dual credit enrollment student; be enrolled in courses listed in the approved Dual Enrollment Course Directory; and maintain satisfactory academic progress as defined by the eligible postsecondary institution. Students attending a home study program must complete the Dual Enrollment paper application. Students attending an eligible public must complete the Dual Enrollment online application. For more information, you may visit www.gafutures.org.

Georgia HOPE (Helping Outstanding Pupils Educationally) Scholarship

The HOPE Scholarship program is Georgia's unique scholarship program that awards an undergraduate student's hard work with financial assistance. This program is fully funded by the Georgia Lottery for Education and administered by the Georgia Student Finance Commission (GSFC).

Georgia HOPE Grant

The HOPE Grant Program provides grant assistance to residents of Georgia pursuing Certificates or Diplomas at Georgia's public postsecondary institutions. Unlike the HOPE Scholarship Program, students are not required to graduate from high school with a specific grade point average. However, students are required to have a minimum postsecondary cumulative grade point average of 2.00 at certain Checkpoints. The purpose of the HOPE Grant Program is to encourage Georgians to obtain technical training in order to increase the knowledge and skills of Georgia's workforce.

Georgia HOPE GED

A one-time $500 HOPE voucher is available for Georgia GED recipients. Recipients must maintain financial aid SAP as defined by Middle Georgia State University. More information is available in the Office of Student Financial Aid.

Zell Miller Scholarship

Qualifications are the same as HOPE Scholarship recipients except students must graduate from high school with a GPA of 3.7 or higher and receive a score of at least 1200 on combined Critical Reading Score and Math Score on the SAT or have received a score of at least 26 on the ACT. A Valedictorian or Salutatorian is automatically eligible. Zell Miller Scholarship recipients receive full tuition at Middle Georgia State University. Checkpoints and award limits are the same as the HOPE scholarship except to remain eligible they must have at least a 3.3 at checkpoints. Students who do not have the required GPA for the Zell Miller but do have the required 3.0 for HOPE may be eligible to receive HOPE instead of Zell Miller.

Zell Miller Grant

The Zell Miller Grant Program provides grant assistance to residents of Georgia pursuing Certificates or Diplomas at Georgia's public eligible postsecondary institutions. The Zell Miller Grant Program does not include a high school academic requirement, however, recipients are required to have a minimum postsecondary cumulative grade point average of 3.5 at the end of each semester. The purpose of the Zell Miller Grant Program is to encourage Georgians to obtain technical education in order to increase the knowledge and skills of Georgia's workforce.

The Student Access Loan Program

Georgia Student Finance Authority offers the Student Access Loan (SAL) Program for eligible students attending an eligible USG (University System of Georgia), Private or TCSG (Technical College System of Georgia) postsecondary institution in Georgia. The SAL is a 1% fixed rate loan, designed to assist undergraduate and technical college students who have a gap in meeting their educational costs. For more information, you may visit www.gafutures.org.

Vocational Rehabilitation

Students who have fees paid by the Georgia Department of Human Resources, Division of Vocational Rehabilitation, must request the Office of the Registrar to send copies of their grades to the Vocational Rehabilitation Office each semester. The University Business Office must be in receipt of written authorization from the Vocational Rehabilitation Office prior to students' registration each semester.

Financial Aid Policies Governing the Administration of Awards

- Applicants must be accepted for admissions to Middle Georgia State University before financial aid funds can be awarded.
- Applicants for financial aid must be enrolled at the University before financial aid funds can be applied to institutional charges.
- Applicants must enroll in coursework pursuant to their degree program. Coursework not required cannot be considered in awarding financial aid or determining eligibility.
- Enrollment hours at the University are locked at a designated census date each semester to insure proper reporting of enrollment and accuracy of aid awarded. Students must register for all courses in that semester before the census date to have pro-rated aid adjusted. Coursework added after this date may not be eligible for an adjustment/increase of the student's award.
- Financial aid is awarded on the basis of full-time enrollment. For financial aid purposes, students enrolled in 12 or more semester hours are classified as full-time; students enrolled in 9-11 semester hours are classified as enrolled three-quarter time; students enrolled in 6-8 semester hours are classified as enrolled half-time; students enrolled in 1-5 semester hours are classified as enrolled less than half-time. Awards will be adjusted for less than full-time status.
- Federal Student Loan recipients must enroll and maintain an enrollment of at least six (6) or more semester hours.
- Payment of Awards: Eligible financial aid awards are authorized to the student's Middle Georgia State University account each semester after registering. Students may use these funds to pay institutional charges, i.e. tuition, fees, room, board, and book charges. Student financial aid funds which remain after all MGA obligations have been satisfied are disbursed through Bank Mobile by means chosen by the student. Generally, funds are disbursed three weeks after the end of drop-add and weekly thereafter. The initial refund date will be published each semester.
- Federal Financial Aid regulations require students to begin attendance to be eligible. Therefore, students reported as "no shows" will have their aid adjusted accordingly.
- Ordinarily, financial assistance is awarded for two semesters of the regular academic year. Summer semester will be treated separately from the regular academic year. Students may be required to complete a Summer Application for Aid to advise the Financial Office of their intent to attend.
- Financial Aid awards are made for Fall and Spring semesters. If a student intends to begin in Spring or Summer semesters, they should notify the Office of Student Financial Aid so that their award may be adjusted to complement their enrollment.
- Students in default or overpayment on Federal or State Student aid Programs or Scholarship programs will not be considered for any financial aid program at Middle Georgia State University unless the default or overpayment has been satisfied.
- Students enrolled as transient students at Middle Georgia State University from a University System of Georgia (USG) School only can receive aid through a consortium agreement. All other students should check with their home institution. Students eligible for HOPE who are transient from another HOPE eligible institution should have their Home school send Middle Georgia State University a HOPE Transient Eligibility Certificate.

Refund/Repayment Policy for Financial Aid Recipients

When financial aid recipients withdraw during a semester, the amount of federal and state assistance that students have earned up to that point is determined by a formula specified by the Department of Education. If students were disbursed less assistance than the amount earned up to the point of withdrawal, they are eligible to receive the additional funds. If students received more assistance than earned, then they and the institution will share in returning excess funds to the appropriate federal agency. A percentage of book charges must also be returned, which will cause debt to Middle Georgia State University. To avoid these charges, students should contact the Campus Store to see if the books can be returned for credit. The Office of Student Financial Aid follows the published institutional refund policy.

The amount of assistance earned is determined on a pro-rata basis. That is, if students completed 30 percent of the period of enrollment, they have earned 30 percent of the assistance originally scheduled. Once students complete more than 60 percent of the enrollment period, all assistance originally scheduled has been earned.
If students received excess funds based on this formula, the University must return a portion of the excess equal to the lesser of:

- The institutional charges multiplied by the unearned percentage of student funds, or
- The entire amount of the excess funds.

If the University is not required to return all of the excess funds, students must return the remaining amount. Any loan funds that students must return must be repaid by the students (or their parents for a PLUS loan) in accordance with the terms of the promissory note.
If students are responsible for returning grant funds, they do not have to return the full amount. Financial Aid policy provides that students may retain 50 percent of the grant amount calculated for return. Any amount students are required to return, however, is considered to be a grant overpayment. Arrangements to repay these funds must be made with the University within 45 days. After this period the University is required to report the overpayment to the Department of Education and the student must then make arrangements with the Department to settle the debt.
Per federal regulations, schools are required to review students who received federal financial aid and failed to earn a passing grade in any of the classes. An assessment must be made to determine whether the students earned the non-passing grades while attending classes or stopped attending classes but did not officially withdraw. Faculty will report the students' last day of attendance in their class and this date will be used to determine if any funds that must be returned to the federal and state aid programs per pro-rata calculations.

Financial Aid Satisfactory Academic Progress (SAP) policy

It is each individual student's responsibility to read and adhere to the SAP policy. The policy is in place because the Higher Education Act of 1965 was amended with Program Integrity regulations passed on October 29, 2010 that mandates institutions of higher education to establish a standard of satisfactory academic progress for students who receive any Title IV federal or state financial aid. **The financial aid SAP policy should not be confused with Probation or Good Standing as defined by Middle Georgia State University (MGA) academic policies.**

Components

Qualitative (GPA) Component
Certificate Students are required to maintain at least a 2.0 cumulative grade point average (GPA). Certificate transfer work is subject to department approval. Any approved transfer work will be considered when calculating SAP eligibility.
Undergraduate Students are required to maintain an acceptable **financial aid** grade point average (GPA) as outlined on the table below. Financial aid GPA includes all credit hours **attempted** at MGA **and** all credit from previously-attended institutions that are accepted as credit to MGA. Beginning Fall 2022, the minimum acceptable GPA is based on the number of semester hours attempted, including transfer hours.
NOTE: Financial aid GPA may differ from your academic GPA. Grades not associated with quality points cannot be used to calculate financial aid GPA. They do, however, count as attempted hours.

Total Hours Attempted	Minimum Cumulative GPA
1-15	1.6
16-30	1.8
31+	2.0

Graduate Students are required to maintain at least a 3.0 cumulative grade point average (GPA). Graduate transfer work is subject to department approval. Any approved transfer work will be considered when calculating SAP eligibility.

Quantitative (Pace) Component
Undergraduate Students enrolled at MGA must show measurable progress toward earning a degree by successfully completing a minimum of **67%** (this may be rounded up from 66.5%) of cumulative credit hours attempted. Grades of A, B, C, D, P and S count as the successful completion of a course. Grades of F, W, WF, FA, I, IP, NR and U do not count as the successful completion of a course. Transfer consortium, repeated, and learning support count as attempted hours.
Graduate Students must earn at least 67% of all attempted hours. (This may be rounded up from 66.5%)

Maximum Timeframe Component

Student financial aid is available for up to 150% of the number of hours required to complete the specific program of study. **Example:** If a bachelor's program requires **120** hours, a student may attempt a maximum of **180** hours before becoming ineligible for financial aid. Students who change majors or degree programs may reach eligibility limits before obtaining a degree. Students who change majors or degree programs should do so early so as not to jeopardize eligibility for student financial aid. Major changes are not considered mitigating circumstances for financial aid appeal purposes. **Maximum timeframe violations are not placed on warning their first term and must appeal for aid.**

Students Receiving Subsequent Degrees
Students who already have a degree and are seeking another degree will be given additional time for completion of their new program. Students may not exceed 150% timeframe for both programs. Students exceeding these hours or pursuing a 3rd degree will be placed on Suspension and must appeal to have their eligibility determined (students with this circumstance should contact the Office of Financial Aid directly).

PROGRAM	MAXIMUM ATTEMPTED HOURS ALLOWED
Certificates	150% of the certificate's required hours
First Associate Degree	90 semester hours of 150% of required hours
First Bachelor Degree	180 semester hours
Second Associate Degree	150 semester hours (90+60=150)
Second Bachelor Degree	270 semester hours (180+60=270)
Bachelor Degree Seeking Associate Degree	240 semester hours (180+60=240)
Graduate Degree	150% of the program's required hours
All Other Programs of Study	Determined based on prior credentials and current program requirements
Second Graduate Degree	Determined on Case-By-Case basis (Ex: Second Master's Degree, Masters to Doctoral)

Review Process

Review Process
At the end of the first enrolled semester, the Office of Financial Aid will determine whether the student has successfully satisfied the SAP requirements. Transfer students will have their status calculated at the entry of their first term of attendance and each term thereafter. This review will include all hours attempted during the student's attendance period at MGA, as well as transfer hours accepted as credit. If after this review a student is not making SAP according to qualitative or quantitative standards, their status will be changed to **Warning.** If a student is not meeting the SAP policy at the end of the first warning term, their aid will be suspended. Students have the option to appeal to have aid reinstated. Students who become ineligible due to Maximum-Time Frame component will have their aid suspended, and they will not be eligible to receive additional financial aid unless an appeal is submitted and approved.

Transfer Students
Transfer students will have their status calculated at the entry of their first term of attendance and each term thereafter. All hours accepted as credit to MGA will be included in the calculation for all components of Satisfactory Academic Progress. If the transfer student is not meeting SAP at the end of their first term, their aid will be suspended. Students do have the option to appeal their status to have their aid reinstated.

Learning Support
Only 30 attempted semester hours of remedial classes can be funded by Title IV. After 30 hours, those credits cannot be counted towards a student's enrollment status. Most state aid programs will not fund remedial coursework.

Financial Aid Suspension

Financial Aid Suspension
Financial Aid Suspension means the termination of all financial aid until the student completes one of the following tasks:

• The student becomes compliant with the SAP policy.
• The student's financial aid appeal is approved and is placed on an academic plan.

The student will not qualify for any federal or state aid if suspended. It is the student's responsibility to pay all tuition and fees by the payment deadline to prevent cancellation of registration. Students who have submitted an appeal are responsible for all tuition and fees that are due prior to a decision being finalized. A student currently on financial aid warning status will be placed on financial aid suspension after grades are posted if the student fails to meet the qualitative, quantitative, or Maximum Timeframe standards.

Financial Aid Appeal Approval

Financial Aid Appeal Approval
Students may be approved to have financial aid reinstated by either becoming compliant with the SAP standards or submitting a financial aid appeal for review and have it approved by the Financial Aid Appeals Committee. Financial aid approval may result in the student being eligible for aid one term with the expectation that the student will be compliant at the end of that term or student may be placed on an academic plan. Academic plans are prescribed by the Financial Aid Appeals Committee to ensure the student is making progress towards degree completion and compliance with the SAP policy. Students will be notified in writing of the terms and conditions of their academic plan approval. Students who are unable to fulfill the academic plan prescribed must contact the Office of Financial Aid upon notification of the requirements. Students who have been granted probationary approval must successfully complete all coursework attempted. Students who fail to successfully complete all coursework while on probationary approval will have all financial aid suspended.

Appeals Process

Appeals Process
Students who have experienced mitigating circumstances and as a result have lost eligibility for financial aid may appeal by completing the applicable financial aid appeal form and submitting it to the financial aid office along with supporting documentation. The appeal will be reviewed by the Financial Aid Appeals Committee. Notification to the student of the decision will be provided via written notification and SWORDS message, along with any special conditions which must be met if approved. If an appeal is denied or student chooses not to appeal, student can regain eligibility by reaching required standards per SAP Policy at his/her own expense. Students in violation of the maximum timeframe component whose appeal has been denied will be ineligible indefinitely. Decisions made by the SAP Committee are final, and no further appeal from the student will accepted by the Office of Financial Aid, the Department of Education, or any other department at MGA.

Deadline: Students must appeal by the midterm point of current semester in which they expect to receive aid. Incomplete appeals may result in automatic denial.

Academic Circumstances that Affect Status

Academic Circumstances that Affect Satisfactory Academic Progress Status
• Failing grades, withdrawals and incompletes at MGA reduce your completion ratio as well as counting against maximum attempted hours.
• Academic renewal does not impact the calculation of financial aid GPA or attempted hours, and all hours are considered in components of the SAP policy.
• Students who are suspended academically or choose not to attend because of SAP Suspension will not be automatically eligible for financial aid upon their return. Absence does not restore eligibility for financial aid. It remains the responsibility of the student to be knowledgeable of their SAP status when returning to school after dismissal or choosing not to return because of SAP Suspension.
• Grade changes require students to submit a written request to have SAP recalculated after confirmation has been received that grade change has been posted to academic history.
• Audit Courses – Students are not eligible to receive financial aid for audit courses. Audited courses are not included in hours attempted or earned for SAP determination.
• CLEP Courses are counted as earned credit hours but are not counted as attempted hours for SAP purposes.

Academic Policy and Information

Knowledge of the Catalog

It is the responsibility of all Middle Georgia State University students to read, understand, and observe the rules and regulations of the University as published in the Academic Catalog and in other official announcements. The University reserves the right to change at any time any regulations and requirements as necessitated by the University or by the University System of Georgia. Unless otherwise determined by the Graduate Studies Catalog, graduate students shall follow the same policies applied to all students in the most recent Catalog and the most updated version of the Student Handbook.

Credit Hour: Definition and Policy

Middle Georgia State University defines the credit hour as the amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates:

1. Not less than one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time, or
2. At least an equivalent amount of work as required outlined in item 1 above for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

In addition, the institutional policy for determining the amount of credit for student work conforms to University System of Georgia policy 3.4.1, which establishes the standard measure of a fifteen week semester and requires a minimum of 750 minutes of instruction or equivalent for each semester hour (BOR 3.4.1).
Middle Georgia State University has a policy of credit hour equivalency that applies to all instruction types and modes of delivery, including credit for traditional classroom instruction, labs, clinicals, studio classes, flight courses, internships, co-ops, fieldwork, independent study, and web-based instruction that is hybrid, partially, or completely online.
A 'classroom hour' is defined as 50 minutes of instruction time in the classroom. Therefore for a one credit hour course that is offered for a period of 15 weeks over a semester, 750 minutes of instruction are required. All credit-bearing classes offered in the traditional classroom instruction mode must include a minimum of 750 minutes per credit hour of classroom instruction time or an equivalent of instructor-mediated alternative instructional activities. In addition all credit bearing classes must include a minimum of 1500 minutes per credit hour of student-driven, "out of classroom" activities. Therefore, a total of 2250 minutes must be required in a 15 week semester for every credit hour awarded.
For courses that are offered using different modes of delivery, the time spent in classroom instruction or alternative instruction and in "out of classroom" activities can vary, however, the total time spent on the course per credit hour must still be a minimum of 2250 minutes.

Orientation

New Student Orientation sessions are provided for all new and transfer students attending Middle Georgia State University. Orientation is designed to provide essential information about academic programs and requirements, students organizations and activities, and the wide range of campus resources, both academic and non-academic, available to students. Most of all, orientation is intended to help new students connect with the campus community and to be well prepared for success. For more information about the orientation program, visit http://www.mga.edu/orientation/.

Placement Exams

ACCUPLACER Exams

ACCUPLACER exam scores, when appropriate, can be used to exempt a student from learning support placement. ACCUPLACER scores for Learning support exemption can be found in the Learning Support section of the catalog.

ACCUPLACER exams are administered through the Testing Center. Additional information can be obtained at https://www.mga.edu/testing-services/tests/accuplacer.php#Accuplacer or by contacting the Testing Center.

A student who has been dismissed and has not taken any college work in the USG system for at least one year may be retested in any Learning Support area. If the ACCUPLACER exam exemption scores are achieved, the student will be readmitted without any LS requirements. ACCUPLACER scores from tests administered by other USG or non-USG institutions or agencies may be accepted if the scores are transmitted through official secure channels. ACCUPLACER test scores are good for one year.

Mathematics Placement Exam

Placement into the appropriate mathematics course is key to successfully completing all mathematics requirements in a program of study. Students have the option of using the ALEKS PPL program to determine the appropriate mathematics course. The ALEKS PPL program assessment must be completed prior to enrolling in College Algebra (MATH 1111), Plane Trigonometry (MATH 1112), Precalculus Mathematics (MATH 1113), Discrete Mathematics (MATH 2120) or Calculus I (MATH 1251) unless one or more of the other prerequisites have been satisfied. Additional information about the ALEKS PPL program is available at https://www.mga.edu/testing-services/tests/math-placement.php.
Minimum ALEKS scores for the various mathematics courses are as follows. A student should consult with an advisor for the appropriate mathematics course.

ALEKS PPL Score	Courses (non-STEM Majors)	Courses (STEM Majors)
46-60	MATH 1001*	MATH 1111
61-75	MATH 1001*	MATH 1112 or MATH 1113
76-100	MATH 1001*	MATH 1251

Placement Policy for Language Courses

It is in a student's best interest to take the language course that best fits their abilities.

ML 1001 is appropriate for students who have no previous language-learning experience, who can say a few words of phrases, and/or who have a CPC deficiency in foreign language.

Students wishing to take ML 1002 or beyond must first contact the Department of Media, Culture, and the Arts, and take a placement test or provide **CLEP exam** credits. Students have the option to take a departmental placement test for FREN 1001 – 2002 and SPAN 1001 – 2002. Students may also use CLEP exam credits for German. Students must first speak to a Modern Language advisor regarding placement for Korean.

Prerequisite overrides must be approved by a Modern Language advisor.

Students who pass the Modern Language program's placement test in French or Spanish and place into a course (testing out of ML 1001 and taking ML 1002 for instance) will receive K credit for the course(s) out of which they tested. Students may take the program's placement exam only once.

Majors

Choosing a Major

Students may choose a major or declare themselves "undecided" at the time of application. All students who are undecided must declare a major within the first 30 semester hours of completed coursework, including transfer coursework.

Changing a Major

To change a major or to declare a major, students must file a Change of Major Form. If a student changes majors more than fourteen (14) days after the start of the semester, the change will not become effective until the following semester. Change of Major Forms are available in the Registrar's office and online at: http://www.mga.edu/registrar/ under Documents & Forms.
Students who change their majors may have difficulty in completing the degree program in the prescribed time. Students are responsible for knowing and completing all requirements for a degree at Middle Georgia State University.

Advising and Registration

Advising

Middle Georgia State University recognizes academic advising as a critical component of a successful educational experience. During the advising sessions students will be provided with accurate and timely information necessary to define and work toward achieving their educational, professional and personal goals. With the assistance of the academic advisor and the Center for Career and Leadership Development, each student will select a degree program of study and follow a clear course sequenced pathway to graduation. Through collaborative relationships with academic advisors, students will develop cognitive and non-cognitive skills that promote the development of a productive academic growth mindset. All students will be advised through the school that houses their major. Contact information for each school is available on the Academic Advising homepage at http://www.mga.edu/advising/.

Students should refer to the Middle Georgia State University Academic Calendar for advising and registration events at https://www.mga.edu/academics/calendars/index.php (p. 6).

Advising Policy

Freshmen, sophomores, all students with Learning Support requirements and dual enrolled students must meet with their academic advisor every semester. Juniors and seniors must meet with their academic advisor once per academic year.
Seniors should meet with their advisor in the first semester of their senior year to ensure that they are on the right path to program completion and graduation. Students in baccalaureate degree programs should conduct a program/degree audit at least three semesters prior to graduation. Students in Associate degree programs should conduct a program/degree audit at least two semesters prior to graduation.
Students on Academic Probation are required to meet with their advisor and devise an Academic Success plan every semester.

Registration

Before the scheduled date for registration, a schedule of the classes to be offered for the next semester is made available on the Middle Georgia State University website. Prior to the registration period, all students are encouraged to meet with their advisor. During the registration period, students may register online at www.mga.edu by clicking on the SWORDS Secure Login link. Certain student populations such as dual enrolled, learning support, international students and athletes, will have a registration hold which prevents them from self-registration. Students with registration HOLDS must register through an advisor in the School that houses their degree major. Registration is prioritized. Seniors, veterans, athletes, Dual Enrollment students, students with F1 visas, and students with disabilities can register on the first day of the registration period. They are followed by juniors, sophomores and freshmen on subsequent days. Students may register at any of the five Middle Georgia State University campuses and online. New students are required to meet with an advisor before they register. Detailed instructions are available on the SWORDS registration page. Registration information is also available on the Registrar's homepage at http://www.mga.edu/registrar/.
Students are responsible for registering for the correct courses consistent with their programs of study as outlined in the Middle Georgia State University catalog.
All students must follow all course prerequisites and co-requisite requirements. Students must also pay attention to scheduling sessions (full session, first session, second session) as well as to time and campus location. Students are responsible for checking their schedules after they register to ensure that the intended courses are listed.
Students should understand that they will receive a grade in each class recorded on their class schedules. **Students who do not attend those specific classes and sections will receive a grade of "F" in each class not attended unless they officially drop the class.** Students without HOLDS may drop courses online. Courses may also be dropped in the Office of the Registrar at the Macon and Cochran campuses or the administrative offices at other campuses. The last date to drop/add courses can be found on the academic calendar https://www.mga.edu/academics/calendars/index.php

Course Load

Regular Course Load

Students carrying twelve or more semester hours are considered full-time.

Overload Policy

- A load in excess of seventeen credit hours must be approved by the students' advisors and department chairs.
- A load of twenty or more semester hours also must be approved by the Office of Academic Affairs.

Course Load for Timely Graduation

To graduate in two years with an associate degree or in four years with a baccalaureate degree, students must carry an average class load of fifteen to seventeen credit hours per semester.

Drop/Add

Students are allowed to drop or add classes **only during the published drop/add period in the academic calendar** without penalty (without receiving a grade of “W” or “WF” in the course). If students drop a class during the drop/add period, the course is not entered on the student's record. Students without HOLDS may drop or add a class online through their SWORDS account. Otherwise they should see their advisor to make a change or submit a Change of Schedule (Drop/Add Form) in person or by fax to the Registrar's Office on the Macon Campus or the administrative offices at other campuses. Learning Support students must adjust their schedules through an advisor.
Students with holds cannot add or drop a class online.
Students required to take Learning Support courses may not drop the required LS course(s). Students exceeding 30 earned hours must enroll only in the required LS co-requisite and the paired collegiate gateway course.
The official date on which a class is dropped is the date on which the student properly executes the drop procedure.
After the Drop/Add deadline has passed, students may not drop/add classes.

Withdrawal

Academic Withdrawal

Students may initiate withdrawal from classes through the Student Web Organized Records & Data System (SWORDS) or by submitting a Withdrawal Form to the Office of the Registrar at the Cochran campus, Macon campus, or the administrative offices at other campuses.

Before the Withdrawal Deadline

After the Drop/Add period and up to the withdrawal deadline, students may withdraw from a course and receive a grade of "W" (withdrawal without penalty) by correctly following the withdrawal procedure.

After the Withdrawal Deadline

If students withdraw from classes after the published deadline to withdraw with a W grade, a grade of WF (withdrawal with penalty) is assigned. A grade of WF is computed the same as an F in the Grade Point Average.

Withdrawal Limits

Middle Georgia State University limits the total number of courses from which students may withdraw over the course of their matriculation. Students may withdraw from a maximum of 5 courses. **Once students reach the 5 course limit, all subsequent withdrawals will be assigned grades of WF.**

Additional Policies

- Students will not be allowed to withdraw from classes during the last two weeks of class.
- The official date of withdrawal is the date on which the student properly executes the withdrawal.
- Students who have a Required High School Curriculum (RHSC) requirement are not permitted to withdraw from a RHSC required class if they have exceeded 30 earned hours unless they are withdrawing from all classes for all sessions during the semester.
- Students with Learning Support requirements who drop Learning Support classes before the add/drop deadline or do not attend and reported by the instructor as a no-show will be removed from all other classes and withdrawn from the University for the term.
- Students with Learning Support requirements who withdraw from the co-requisite learning support class after the add/drop deadline will be withdrawn from the paired collegiate gateway course.

Faculty Initiated Withdrawal from Classes

Faculty **may** initiate a course withdrawal for a student who has excessive absences as defined by the University's Attendance Policy. Faculty who select to withdraw a student for attendance reasons should complete the **Instructor Initiated Class Withdrawal Form (available on the Registrar's Office webpage)** including the last Date of Attendance and provide to the Registrar's Office for processing. A grade of W may be assigned when students are withdrawn prior to the midpoint of the term; a grade of WF will be assigned when students stop attending after the midpoint.

Withdrawal from the University

Students who wish to withdraw from the University must complete the Withdrawal Form, obtaining the required signature from the advisor, and submitting it to the Office of the Registrar at the Cochran campus, Macon campus, or the administrative offices at other campuses. Withdrawal is not complete until all withdrawal procedures have been properly executed.

Course Policies

Attendance Policy

Students are expected to attend all class sessions. Class attendance and participation is an individual student responsibility. Students taking traditional face-to-face courses are expected to attend class and to complete all assignments by stated due dates. Students enrolled in online courses are expected to regularly engage with instructional materials and complete all assignments by stated due dates.
Interaction with instructors and other students is an important element of the learning process. Students who do not attend classes or are not engaged on a regular basis are subject to reassessment of financial aid eligibility.
Students whose total number of absences...
• is more than twice the number of class meetings per week may be assigned a failing grade for the course at the discretion of the instructor. For example, if the class meets twice a week and the number of absences is more than four, the instructor may assign a failing grade for the course to the student.

• is more than the number of class meetings per week but less than twice the number of class meetings per week may be penalized at the discretion of the instructor. For example, if the class meets twice a week and the number of absences is more than two but less than four, which is three absences, the student may be penalized by the instructor.
• are less than or equal to the number of class meetings per week will not be penalized. For example, if the class meets twice a week and the number of absences is less than or equal to two, the student will not be penalized.
When a student is compelled for any reason to be absent from class, the student should immediately convey the reason for the absence directly to the instructor. The student is responsible for all material presented in class and for all announcements and assignments. The decision to permit students to make up work that is required in any missed class resides with the instructor.
Students cannot participate in classes unless they are registered officially or approved to audit with evidence of having paid audit fees.
Individual faculty members reserve the right to include additional policies and/or penalties as deemed necessary. Faculty will include policies on absences and tardiness in their syllabi for all classes whether online or in-person, at the beginning of every semester. Faculty are expected to maintain an attendance record for all their classes regardless of delivery mode.

Student Absences due to University-Related Events

Students may be officially excused to leave the campus to represent the institution at tournaments, musical or drama productions, athletic events, etc.
It is the responsibility of the student who is missing classes due to official off-campus activities to contact the instructors of those classes and set up arrangements to make up exams, assignments, and other course requirements which may be missed or delayed.
Faculty will assist officially excused students to complete any course requirements they may have missed during this period of absence.
Students who are to be absent must provide an official notification from the faculty/staff member sponsoring the event to the instructors of their classes in a timely manner.

Audit Policy

Students may register for and attend a class without being responsible for the work required in the course. The decision to audit must be made at the time of registration and no later than drop/add. No credit is given, but tuition must be paid. A grade of V appears on the transcript.

Prior Learning Assessment Policy

Purpose of Policy
To recognize college level learning students acquire outside of formal higher education, Middle Georgia State University relies on the following policy to ensure its practices are consistent with academic integrity. Such learning may be derived from various life and work experiences. The term "Prior Learning Assessment" refers to all of the processes that Middle Georgia State University uses to review and evaluate evidence of learning and to award academic credit in accordance with academic and administrative standards.
Eligibility: All undergraduate students who have been admitted to the university and are currently in good academic standing may seek credit via Prior Learning Assessment as it relates to their program of study requirements.
Number of credits:

- Prior Learning Assessment allowable credits are guided by the MGA residency requirement and other credit limitations as indicated elsewhere in the catalog.
- No Prior Learning Assessment credit will be awarded for any course the student enrolled in and later withdrew or failed
- Additional restrictions may apply at the program level.

Validation Methods

- Prior Learning is awarded at the course level using the course descriptions and course student learning outcomes.
- Academic awards and required competencies are determined by expert faculty.
- The following methods are allowable for validating prior learning for awarding credit at the discretion of the academic unit:

1. Credit recommendations listed in the American Council on Education (ACE) National Guide to College Credit for Workforce Training and the ACE Military Guide.
2. Credit recommendations provided by the National College Credit Recommendation Service (NCCRS) at www.nationalccrs.org
3. Credit demonstrated by successfully passing national for-credit examination programs such as:
    - DSST Exams (formerly DANTES)
    - The College Board College Level Examination Program (CLEP)
    - Advanced Placement (AP) Exams
    - International Baccalaureate exams (IB).

    The exams accepted and scores that constitute a passing score are available in the current catalog.
4. Institutional Challenge Examinations developed by the academic units are approved by the dean of the academic unit.

5. PLA PORTFOLIO ASSESSMENT. If students have other learning experiences that may fit courses not served by Institutional Challenge Examinations or by national standardized examination, they may be advised to consider 'PLA by Portfolio.' A portfolio is a collection of materials that provides evidence of that learning.

6. Other institutionally approved methods.

Advanced Standing by Examination

- Students may apply for advanced credit examination only after being accepted and enrolled by Middle Georgia State University.
- A grade of "K" (denoting credit by examination) for credit granted by individual examination will be recorded on the student's academic record after the student has enrolled.
- No more than 40 semester hours of credit may be earned by examination (including CLEP, AP, DSST, and departmental credit exams).
- Credit by examination may not be received for a course in which the student has previously enrolled and not withdrawn.
- An advanced placement examination or departmental may not be retaken in order to earn credit.
- CLEP exams with the same exam title may be repeated after 90 days from the original testing date. DSST exams with the same exam title may be repeated after 30 days from the original testing date. If the exam with the same title is taken before the required wait period, the exam will be invalid. Any retakes should be considered prior to registering for the course. If a student registers for the course and then passes the CLEP or DSST exam, no refunds will be issued for the course once the drop/add period is over.

Advanced Placement Program of the University Entrance Examination

Students may apply for Advanced Placement Program credit only after being accepted and enrolled by Middle Georgia State University. Credit will be awarded for scores of 3, 4, or 5 on tests on most Advanced Placement Programs comparable to college courses. The only exceptions are Art History, Calculus BC, Music Theory (Aural and Written), and Studio Art (Drawing, 2-D, and 3-D), which require a score of 4 or 5.

Advanced Placement Course/Examination	Minimum Score	Middle Georgia State University Equivalent Credit Awarded	Credit Hours Awarded
Art History	4-5	ARTS 2010 or ARTS 2011, Art History I or II	3
Biology	3	BIOL 1001K	4
	4	BIOL 1001K and 1002K	8
	5	BIOL 2107K and 2108K	8
Calculus A B	3	MATH 1111, College Algebra	3
Calculus A B	4	MATH 1113, Precalculus Mathematics	3
Calculus A B	5	MATH 1251, Calculus I	4
Calculus B C	4-5	MATH 1251 & MATH 2252, Calculus I & II	8
Chemistry	3	CHEM 1211K	4
	4-5	CHEM 1211K and CHEM 1212K	8
Comparative Government and Politics	3, 4, 5	POLS 2301	3
Computer Science A	3-4-5	MATH 1371	3
Computer Science B	3-4-5	MATH 1371	3
Economics/Macroeconomics	3-4-5	ECON 2105	3
Economics/Microeconomics	3-4-5	ECON 2106	3
English/Language and Composition	3-4-5	ENGL 1101	3
English/Literature and Composition	3-4-5	ENGL 1101	3
	4-5	ENGL 1102	3
Environmental Science		No credit	
European History	3, 4, 5	Three hours of Area E elective credit	3

French Language and Culture	3	FREN 1001 FREN 1002	3
	4-5	FREN 2001	6
German Language and Culture	3	GRMN 1001 GRMN 1002	3
	4-5	GRMN 2001	6
Human Geography (added 10/22/18)	3, 4, 5	GEOG 1101	3
Latin/Literature	3-4-5	Humanities Elective	3
Latin/Virgil	3-4-5	Humanities Elective	3
Music Theory Aural Skills Subscore	4-5	MUSC 1102 Sight-Singing/Ear-training 1	1
Music Theory Written Skills Subscore	4-5	MUSC 1101 Elementary Theory I	2
Physics 1	4	PHYS 1111K	4
Physics 2	4	PHYS 1112K	4
Physics B	3	PHYS 1111K	4
	4-5	PHYS 1111K and PHYS 1112K	8
Physics C		No credit	
Psychology	3-4-5	PSYC 1101	3
Spanish Language and Culture	3	SPAN 1001 SPAN 1002	3
	4-5	SPAN 2001	6
Spanish Literature and Culture	3	SPAN 1001 SPAN 1002 SPAN 1002	6
	4-5	SPAN 2001	6
Statistics	3	MATH 1401, Elementary Statistics	3
Studio Art (Drawing Portfolio)	4-5	ARTS 1010, Drawing I	3
Studio Art (Two-D Portfolio)	4-5	ARTS 1020, Two-Dimensional Design	3
Studio Art (Three-D Portfolio)	4-5	ARTS 1030, Three-Dimensional Design	3
U.S. Government and Politics	3, 4, 5	POLS 1101*	3
U.S. History	3, 4, 5	HIST 2111 and HIST 2112 *	6
World History	3, 4, 5	HIST 1111 and HIST 1112	6

*Please note that in addition, an exam is required to satisfy state legislative requirements.

IB (International Baccalaureate) Credit

Effective in Fall 2013, pursuant to BOR Policy 4.2.1.6,, the following are the guidelines for the awarding of collegiate academic credit for students who have completed International Baccalaureate tests. Note that the amount of university credit that may be awarded is limited to a total of 24 semester hours. In order to receive university credit for IB Diploma completion, students must have their test scores sent directly to Middle Georgia State University. No credit will be given for scores of 3 or below on either the Standard Level or Higher Level tests.
Standard level IB coursework and assessment scores will not be considered for university credit unless the student holds an IB Diploma.
For students completing International Baccalaureate Diploma:

IB Test	Standard Level Scores	Higher Level Scores	Course Equivalents	Credits
Anthropology (Social and Cultural)	5-7	4-7	ANTH 1102	3

Computer Science	6-7	4-7	CSCI 1301	3
Economics	5	4	ECON 2105	3
	6-7	5-7	ECON 2105, ECON 2106	6
English A1	4, 5, 6 7	4, 5, 6, 7	ENGL 1101 ENGL 1101, ENGL 1102	36
Mathematical Studies			No equivalent course offered	0
Mathematics	5	4	MATH 1111	3
	6-7	5	MATH 1111, MATH 1113	6
		6-7	MATH 1111, MATH 1113, MATH 1251	10
Psychology	5-7	4-7	PSYC 1101	3
Spanish, French, German	5-7		1001	3
		4	1002	3-6
		5	2001	3-6
		6-7	2002	3-6
World History	5-7	4-7	HIST 1112	3

For the Science courses, the semester credit awarded for IB diploma holders will be as follows-

Assessment Score	Standard Level Course	Higher Level Course
4	No Credit	3-4 semester hours*
5	0-4 semester hours*	3-8 semester hours*
6-7	3-8 semester hours*	3-12 semester hours*

*Variable credit hour allowances are provided to account for labs and for the depth of material covered in the individual subject area.

For students completing International Baccalaureate Certificates, but not the entire Diploma: Certificate-only students will not receive credit for work in Standard Level courses. Higher level IB coursework and assessment scores will be considered for academic credit for **both** IB diploma completers and for IB students awarded a certificate of completion in a particular subject area.

IB Test	Standard Level Scores	Higher Level Scores	Course Equivalents	Credits
Anthropology (Social and Cultural)	5-7	4-7	ANTH 1102	3
Computer Science		4-7	CSCI 1301	3
English A1		4, 5, 6	ENGL 1101	3
		7	ENGL 1101, ENGL 1102	6
Mathematics		4	MATH 1111	3
		5	MATH 1111, MATH 1113	6
		6-7	MATH 1111, MATH 1113, MATH 1251	10
Psychology	5-7	4-7	PSYC 1101	3
Spanish, French, German		4	1002	3-6
		5	2001	3-6
		6-7	2002	3-6
World History		4-7	HIST 1112	3

CLEP Credit

CLEP Subject Examination	ACE Rec. Score	MGA Courses Credited	Sem Hours
American Government	50	POLS 1101*	3
American Literature	50	ENGL 2131, ENGL 2132	6
Analyzing and Interpreting Literature	50	ENGL 1102	3
Biology	50	BIOL 1001K and BIOL 1002K	8
Calculus	50	MATH 1251	4
College Algebra	50	MATH 1111	3
College Composition	50	English 1101	3
College Spanish	50	SPAN 1001, SPAN 1002	6
College Spanish	63	SPAN 1001, SPAN 1002 SPAN 2001, SPAN 2002	12
English Literature	50	ENGL 2121, ENGL 2122	6
Financial Accounting	50	Accounting 2101, 2102	6
French Language	50	FREN 1001, FREN 1002	6
French Language	63	FREN 1001, FREN 1002, FREN 2001, FREN 2002	12
Chemistry	50	CHEM 1211K and CHEM 1212K	8
German Language	50	GRMN 1001, GRMN 1002	6
German Language	63	GRMN 1001, GRMN 1002, GRMN 2001, GRMN 2002	12
General Psychology	50	Psychology 1101	3
Human Growth and Development	50	Psychology 2103	3
Humanities	50	HUMN 2155, HUMN 2156	3
Information Systems and Computer Applications	50	ITEC 2215	3
Introduction to Sociology	50	Sociology 1101	3
Precalculus	50	MATH 1113	3
Prin. of Macroeconomics	50	Economics 2105	3
Prin. of Microeconomics	50	Economics 2106	3
History of the United States I: Early Colonization to 1877	50	HIST 2111 *	3
History of the United States II: 1865 to the Present	50	HIST 2112 *	3
Western Civilization I: Ancient Near East to 1648	50	HIST 1111	3
Western Civilization II: 1648 to the Present	50	HIST 1112	3

*Please note that in addition, an exam is required to satisfy state legislative requirements.

DSST Credit

DSST "Subject Examinations" and the courses for which they are the equivalent are listed below.

MGA Course	Credit Hours	DSST	Scores
Anthropology 1102	3	General Anthropology	400

Communications 1110	3	Principles of Public Speaking	400
Criminal Justice 1100	3	Introduction to Law Enforcement	400
Mathematics 1401	3	Principles of Statistics	400
Psychology 2103	3	Lifespan Developmental Psychology	400

Students must register for the CLEP and DSST examinations using the Testing Services page (www.mga.edu/testing-services). CLEP examinations are administered in the Student Life Center on the Macon campus, in the Academic Services Building Room 223 on the Warner Robins campus, in Grace Hall basement on the Cochran campus, and in Room L-9 on the Dublin Campus.DSST exams are offered in the Academic Services Building Room 223 on the Warner Robins campus. Fees for the examinations are the responsibility of the student. Students desiring credit for a CLEP Examination not listed in the catalog may petition the Office of Academic Affairs.
Courses for which there are no CLEP examinations may be exempted by departmental credit examinations when examinations approved by the Chair or Dean and the Provost are available. Interested students should apply to the appropriate Chair or Dean to see if there is an approved examination. Students must pay a fee to the Business Office, where they will get a receipt and a "Credit Examination Notice" card stamped as paid. The stamped card must be presented to the Chair or Dean before the test. If students pass a departmental exam, their cards will be signed by the Chair or Dean and submitted to the Office of the Registrar. If students fail a departmental exam, the Chair or Dean will file their cards to indicate that those students are ineligible to take a second exam on the same subject.

K Credit for Language Courses

Students who pass the Modern Language program's placement test in French, German, Latin, or Spanish and place into a course (testing out of ML 1001 and taking ML 1002 for instance) will receive K credit for the course(s) out of which they tested. Students may take the program's placement exam only once.

Credit Allowances for Certificate-Seeking Students

- Students may apply credits earned for a degree to a certificate program.
- Students in 30-hours certificate programs who choose to earn credit by examination may earn up to 12 hours of credit through passing CLEP or departmental examinations in areas where such examinations exist.
- Students in certificate programs requiring completion of 15 semester hours may choose to earn up to 6 hours of credit by examination through passing CLEP or departmental examinations in areas where such examinations exist.
- Students transferring to Middle Georgia State University from other schools must meet all criteria for admission to certificate programs as outlined above and are subject to stated transfer credit policies.

Credit for Military Service

In accordance with procedures established by the University System of Georgia, MGA offers credit for military service using the following criteria *(USG Academic & Student Affairs Handbook, 2.16 Credit for Military Service)* and based on training courses identified in the ACE National Guide to College Credit for Workforce Training.

Academic Credit

When a student requests academic credit based on experience in the military service, the following procedure is followed:

1. The Registrar researches the American Council on Education (ACE) Guide to determine the recommendation made by that organization.
2. The Registrar advises appropriate academic department head(s) of ACE recommendation(s).
3. The appropriate academic officer advises the registrar of what credit, if any, is to be granted in that specific discipline. Credit should not be awarded for course/experiences not offered by Middle Georgia State University.
4. The Registrar records appropriate credit on official transcript and advises both the student and academic advisor of the credit that has been granted.

The total number of combined hours earned through correspondence, extension, and military experiences shall not exceed 15 credit hours. MGA will also award a maximum of 40 credit hours towards a degree through AP, CLEP, DANTES, departmental exams, and Prior Learning Assessments.

Note about Award of Credit

The policies for evaluating, accepting, and awarding credit for transfer, credit by examination, advanced placement, experiential learning, professional certifications, and all other forms of Prior Learning Assessment (PLA) credit are reviewed annually by the Office of Academic Affairs in consultation with the School Deans and the Registrar's office'.

Grades and Academic Records

Grading System

Grade	Quality Points Per Semester Hour
A	4.0
B	3.0
C	2.0
D	1.0
F	0.0
I	No quality points are earned until the course is satisfactorily completed.
W	0.0
WF	0.0

Grade Point Average (GPA)

Academic Standing is based on this average. The GPA is calculated by dividing the total number of academic credit hour quality points a student has earned by the total number of grade point average hours (GPA hours) the student has attempted. (See Academic Standing (p. 51) for further information).
Final grades are available to students through SWORDS, the Middle Georgia State University online registration system.
The following grade symbols are used but are not included in computing the grade point average:

I An incomplete grade (I) indicates that the student for non-academic reasons was unable to complete the requirements for a course. For all courses except flight, all outstanding work must be completed before the midterm of the next semester the student is enrolled or by the end of one calendar year if the student is not enrolled. Aviation students enrolled in flight classes have three full terms (including summer) after the semester an I is earned to complete outstanding work, regardless of their enrollment status.

If an I grade is not removed from any students record in the defined time period, a grade of F is assigned to the course. Once an I grade is rolled to an F, it may not be changed without the approval of Academic Affairs.

IP This indicates that the student has made progress in a Learning Support course; but the student has not exited Learning Support and is required to enroll in that course the next semester of enrollment.

W This indicates a withdrawal without penalty and is assigned when students withdraw from courses by the deadline to withdraw without penalty.

V This indicates that the course was audited, and the student receives no quality points.

K This indicates that the credit was granted via an Advanced Standing Credit Examination or a CLEP Examination.

NR Grade Not Reported by instructor by grade deadline for the term.

The following grade symbols are used and included in computing the grade point average:

WF This indicates that the student withdrew from a course after the deadline to withdraw without penalty or the withdrawal exceeded the 5 withdrawal limit. A WF grade is counted the same as a "F" grade in the GPA calculation. In cases of hardship, approved by the Office of Academic Affairs, students may receive the W after the deadline to withdraw without penalty.

WM Withdrew, military emergency

Repeated Courses

A student who repeats a course at **Middle Georgia State University** will have the cumulative Grade Point Average calculated using the highest grade earned. The grade of the first and subsequent attempts that are excluded from the GPA will remain on the student's official permanent record.

Course Retake Policy

Students who fail a Middle Georgia State University class may retake the class a second time. After a second failure in the same class, students must gain permission from the Dean of the School or College in which the class is housed to retake the course all subsequent times. Students seeking to retake a class after the second failure must meet with the appropriate Dean, who will evaluate the student's academic readiness and may approve course retake. The Dean may require tutoring or supplemental instruction.
Additional retake policies may apply at the program level.

Academic Records

The academic records of students are maintained in the Registrar's Office under strict regulations as mandated by FERPA regulations. The records include a chronological listing of all courses taken and the cumulative GPA.

Grade Appeal Policy

In reviewing appeals relating to the receipt of grades, the process will be concerned entirely with alleged violations of institutional policy or procedure rather than with content or with matters of the instructor's judgment.
When a student believes that an instructor has not followed proper procedure in the classroom (e.g.: failure to follow stated grading policy or other procedures and objectives as outlined in the syllabus) and if the student wishes to appeal, the student should adhere to the following procedure:

1. The student must first discuss the appeal and provide the Instructor responsible for the grade assigned (or his/her designee) with a Final Course Grade Appeal Form (available in the Office of the Provost and also online) with the student section completed within 10 working days after the registrar's office has posted final grades for the semester in which the grade was received. Once the appeal process is initiated, the burden of proof is on the student.
2. The instructor will complete the appropriate section on the Final Course Grade Appeal Form, and return to the student within ten working days.
3. If the matter is not resolved between the instructor and the student, the student will submit all appropriate documentation in appeal to the department chair, or dean if there is no department chair, within ten working days of receiving the course instructor's written response.
4. The department chair or dean will attempt to resolve the issue and will complete the appropriate section on the Final Course Grade Appeal Form and return to the student within ten working days.
5. If there is both a department chair and a dean in the academic unit and the matter is not resolved at the department level, the student will need to appeal to the dean of the School within five working days of receipt of the response of the department chair.
6. If the matter cannot be resolved at the School level, the student should submit the completed Final Course Grade Appeal Form and submit it to the Office of the Provost within ten working days after receipt of the dean or chair's response. It is the student's responsibility to provide all documentation (the student's inquiry, the instructor's response, and the dean or department chair's response) along with the Final Course Grade Appeal Form.
7. The Office of the Provost will appoint a three-member panel selected from the various academic departments (excluding representatives from the academic unit from which the appeal originated).
8. The panel will collect information concerning the appeal by research and interview. All information so gathered will remain completely confidential.
9. The panel will make a written recommendation to the Office of the Provost, which is then submitted to the Provost with all supporting documentation.
10. The Provost may approve or deny the appeal.
11. The instructor, the dean or department chair, and the student will be informed in writing of the result of the appeal.
12. If the student seeks further appeal, the student may appeal to the President of the University. The student must submit all documentation (the student's inquiry, the instructor's response, the dean or department chair's response, and the Provost's response), to the office of the President of the University. The President will make the final decision. There is no further appeal.

Petition for Hardship Withdrawal

Students who have experienced hardship of a **non-academic nature** in a given term may petition for a term withdrawal. The deadline for hardship withdrawal is the mid-term of the semester following the semester during which the hardship occurred. Exceptions will be granted if the hardship is of a longer duration, for a maximum period of one year from the semester of hardship. In such cases, the student must provide documentation and justification of why the petition could not be submitted within the time frame listed in the policy. **If a hardship withdrawal is granted, the student will be withdrawn from all classes for the term.** This hardship withdrawal process is distinct from the grade appeal process, which is covered in a separate section of the catalog.
The student should:

1. Withdraw from all courses online or with the help of the advisor or by completing the "Drop" form in the Office of the Registrar at the Cochran campus, Macon campus, or the administrative offices at other campuses.
2. Complete the Hardship Withdrawal Form obtained online from the MGA website or from any administrative office on the campus.
3. Attach original documentation (physician statements and signatures on office letterhead, occupation related documents, death certificates, military orders) supporting the reason for withdrawal after the deadline to withdraw without penalty.
4. Submit the completed form and supporting documentation to the Office of the Provost through email at studentpetitions@mga.edu

The burden of proof rests with the student. Petitions will be processed by the Provost's office after official final semester grades are posted to the student's academic history. Students will receive official notification of petition approval or denial from the Provost's office by mail.

Academic Standing

Grade Point Average

Students are expected to make reasonable academic progress; therefore, students must maintain a required cumulative institutional Grade Point Average of 2.00 or higher.

Academic Status

Standing	Credit Hours
Freshman	1-29 semester hours
Sophomore	30-59 semester hours
Junior	60-89 semester hours
Senior	90 and above semester hours

Academic Probation

When a student fails to maintain a cumulative institutional Grade Point Average (GPA) of 2.0 or greater, the student's status changes from Good Standing to Academic Probation. Students who do not bring their cumulative institutional GPA up to a 2.00 or higher, will continue on Probation if the institutional GPA for that semester (Term GPA) is 2.00 or higher. Students will receive notification of their Academic Probation through their Middle Georgia State University e-mail account and through their academic transcript available in SWORDS. Students on Academic Probation may register through their academic advisor for the semester following notification of placement on Academic Probation. A student petition is not required.

Academic Suspension

A student on probation who fails to maintain the required 2.00 cumulative institutional GPA and does not achieve an institutional GPA of 2.00 or higher for that semester (Term GPA), will be suspended from the University. The first suspension is for one term (fall, spring, or summer); the subsequent suspension is for one year (three terms). Students will receive notification of their suspension through their Middle Georgia State University e-mail account, their academic transcript available in SWORDS, and by letter from the Office of the Registrar. When placed on academic suspension for the period of one semester, the student will be eligible to re-apply to the University through the Office of Admissions by the end of the next academic term. For example: should a student be placed on a **one term academic suspension** at the end of a spring semester, the one term suspension would be the summer term and the student could then re-apply for a fall admission. When placed on academic suspension for the period of one year, the student will be eligible to re-apply to the University through the Office of Admissions by the end of one year or three terms. For example: should a student be placed on a **one-year academic suspension** at the end of a spring semester, the one-year suspension would be the summer, fall and the next spring term and the student could then re-apply for a summer or fall admission.
After a **third suspension**, students are not eligible for readmission to the university until they are able to meet an overall cumulative 2.00 grade point average (transfer + institutional GPA).

Students may not petition academic suspensions.

Academic Renewal Policy

This provision allows USG degree-seeking students who earlier experienced academic difficulty (GPA less than 2.50) to make a fresh start and have one final opportunity to earn a first degree. Students who have earned a degree: Associate's, Bachelor's, Master's, etc. are not eligible for Academic Renewal.

Applying for Academic Renewal

1. Students must apply for Academic Renewal in the Office of the Registrar. Applications are also available on the Registrar's website under Documents & Forms.
2. Students are encouraged to apply for Academic Renewal status at the time of admission, re-enrollment or enrollment as a transfer student.

All previously attempted coursework continues to be recorded on the student's official transcript.

1. A renewal GPA is begun when the student resumes taking coursework following approval for Academic Renewal.
2. The Academic Renewal GPA will be used for determining academic standing, honors, and eligibility for graduation.
    a. To earn a degree from Middle Georgia State University, a student must meet the residency requirements after acquiring Academic Renewal status.
    b. The renewal GPA will be used for honors at graduation.

Readmitted Students

USG undergraduate students who return to their home institution may be eligible for Academic Renewal for coursework taken prior to the period of absence. Students must be absent from Middle Georgia State University for 3 years (***not term driven***). Transfer credit for any coursework taken during the period of absence will be granted according to the University's policies regarding transfer credits. Student must meet all admissions standards based on transferable credits.

Transfer Students

Students who leave an institutionally accredited institution of higher education and transfer to Middle Georgia State University may be eligible for Academic Renewal for coursework taken prior to a 3 year period of absence (not term driven). Only coursework completed prior to the eligibility window can be considered for Academic Renewal. Courses taken more recently than the period of eligibility are not eligible for consideration for Academic Renewal. However, transfer credit can be granted for coursework taken during this period according to the institution's policies regarding transfer credits.
If Academic Renewal is granted at one USG institution, it will be honored at MGA.

Suspensions

Any academic suspensions that occurred in the past shall remain recorded on the student's permanent record.

Grade Point Average

The Renewal GPA begins with the semester following re-enrollment.

Programs

The granting of Academic Renewal does not supersede the admissions requirements of certain programs, e.g., teacher education, business, and nursing, which may require a specific minimum grade point average based upon all coursework.

Financial Aid Implications

The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress (SAP). All attempts will count in the calculating of your grade point average for meeting satisfactory academic progress. The GPA will not always be the same as your institutional GPA where academic renewal has been awarded. All attempts will count in the calculation of your GPA for financial aid. In many cases the GPA will be different from your institutional GPA.

Special Programs and Learning Opportunities

The Georgia Academy

Beginning Fall 2023 on the Warner Robins Campus of Middle Georgia State University, The Georgia Academy in Houston County brings a long legacy as a residential program on the Cochran campus. It is now reimagined as a two-year non-residential/commuter Dual Enrollment program that prepares high school students for the academic rigor of higher education - specializing in a STEM discipline. Students in the Georgia Academy will have the opportunity to graduate with both their high school diploma and an associate degree. Students will network with professionals, engage in experiential learning, and get advised by dedicated dual enrollment academic advisors while working toward an associate degree.

Eligibility

- Rising 11th - 12th grade students seeking a high school diploma from the Houston County School System
- Admitted as a dual enrollment student at MGA
- Minimum requirements for participation in The Georgia Academy are:

A high school cumulative grade-point average of a 3.2 on a 4.0 scale in academic core classes;

SAT scores: Minimum score of 570 in Math and a minimum score of 530 (29 test score) in Critical Reading OR

ACT scores: Minimum score of 24 on the Math section and a minimum score of 23 on the English section.

- Meeting minimum requirements does not guarantee admission to The Georgia Academy.
- Students must maintain an institutional GPA of 3.0, and a semester GPA of 3.0 at MGA to continue enrollment in the Academy.

Honors Program

The Honors Program at Middle Georgia State University is designed to help academically advanced students develop their intellectual potential through challenging educational activities. Its main goal is to encourage these students in individual, rational, and creative thinking. In addition, the Honors Program seeks to promote academic excellence and intellectual independence on the part of each student.

Honors Admission

All entering students who meet one or more of the following requirements are eligible to enroll in Honors Program courses, thereby formally entering the program:

- a high school GPA of at least 3.50
- an SAT composite score of 1100 or above, with an Evidence-Based Reading and Writing score of at least 580
- an ACT score of 24 or above

Students who have completed fifteen or more semester hours of college-level work with a GPA of at least 3.50 are eligible to enroll in Honors Program courses, thereby formally entering the program.
Students who do not meet the requirements listed above may contact the Honors Program Director to apply for admission to the program.
Students are required to maintain a minimum cumulative GPA of 3.00 in order to remain in the Honors Program. All Honors Program students in good standing are eligible for membership in the Honors Student Association.

Honors Courses

Honors courses are honors sections of the core curriculum or honors sections of courses in specific degree programs. These classes are designed to be more innovative, enjoyable, and rewarding since students of similar abilities are grouped together in small classes. Honors courses provide an opportunity for students to produce different types of work suited to their individual abilities and interests.
Please refer to the Schedule of Classes to check the availability of Honors courses for any given semester.

Honors Course Designations

In general, students are expected to fulfill the requirements of the Honors Program by taking regularly scheduled Honors courses. However, students who cannot be served by these course offerings (for example, students on campuses that do not offer Honors classes) may earn Honors credit by completing special projects of sufficient creativity, depth, or scope to warrant an Honors designation. Courses for which these projects are satisfactorily completed are designated as Honors classes on the student's transcript.

Graduation with Honors Program Distinction

See Academic Recognition (p. 56).

Learning Support

Learning Support (LS) is a program for students who need additional preparation in mathematics or English (reading/writing) to increase their chances of success in their program of study. Students must be evaluated for Learning Support placement in English (reading/writing) and mathematics. Students may take the Accuplacer placement exam to exempt from learning support.
Students can exempt Learning Support using the following criteria:

For English (reading/writing):
Placement into ENGL 1101 without Learning Support. Student must meet or exceed one or more of the criteria listed below. Students must have

- Credit for an Area A English course (must meet the minimum grade requirement for the course for the institution -- which may be a "C" or higher); OR
- Final High school GPA of 2.7 or higher **and** completion of the Required High School Curriculum (RHSC) in English; OR
- SAT Critical Reading score of 430 or higher on the "old" SAT; OR
- SAT Evidence-Based Reading and Writing (EBRW) section score of 480 or higher; OR
- ACT English score of 17 or higher; OR
- Accuplacer Reading Comprehension score of 61 or higher **and** an Accuplacer WritePlacer score of 4 or higher; OR
- Next Generation Accuplacer Reading Comprehension score of 237 or higher **and** an Accuplacer WritePlacer score of 4 or higher

For Mathematics:
Placement into MATH 1111 with corequisite Learning Support or MATH 1001, MATH 1101 or MATH 1401 without corequisite Learning Support. Students must have

- Credit for an Area A Mathematics course (must meet the minimum grade requirement for the course for the institution -- which may be a "C" or higher); OR
- Final High school GPA of 3.1 or higher **and** completion of the Required High School Curriculum (RHSC) in Mathematics; OR
- SAT Mathematics of 400 or higher on the "old" SAT; OR
- SAT (new) Mathematics section score of 440 or higher; OR
- ACT Mathematics score of 17 or higher; OR
- Accuplacer Elementary Algebra score of 67 or higher; OR
- Next Generation Accuplacer Quantitative Reasoning, Algebra, and Statistics test score of 258 or higher.Placement into MATH 1111 (College Algebra) without corequisite Learning Support. Students must have
- Credit for an Area A Mathematics course (must meet minimum grade requirement for the course for the institution -- which may be a "C" or higher); OR
- Final High school GPA of 3.2 or higher **and** completion of the Required High School Curriculum (RHSC) in Mathematics; OR
- SAT Mathematics of 550 or higher on the "old" SAT; OR
- SAT (new) Mathematics section score of 510 or higher; OR
- ACT Mathematics score of 20 or higher; OR
- Accuplacer Elementary Algebra score of 79 or higher; OR
- Next Generation Accuplacer Quantitative Reasoning, Algebra, and Statistics test score of 266 or higher.

Students with Special Needs

Students with documented learning disorders as defined in the USG Academic Affairs Handbook, Section 3.11.1, who are required to enroll in LS, must fulfill all stated requirements, including Learning Support placement, testing, and course requirements.

LS English

Students who are required to take LS English must concurrently enroll in ENGL 0999 Support for English Composition I and ENGL 1101 English Composition I. Students must pass ENGL 1101 with a grade of "C" or better to exit LS English.
Students in LS English who receive a "D" or "F" grade in ENGL 1101 must retake ENGL 1101 with ENGL 0999, regardless of the grade in ENGL 0999.

LS Mathematics

Students in non-STEM majors who are required to take LS Mathematics must concurrently enroll in either

- MATH 0996 Support for Elementary Statistics and MATH 1401 Elementary Statistics, OR
- MATH 0997 Support for Quantitative Reasoning and MATH 1001 Quantitative Reasoning, OR
- MATH 0998 Support for Mathematical Modeling and MATH 1101 Mathematical Modeling to exit LS Mathematics.

Students in STEM majors who are required to take LS Mathematics must concurrently enroll in MATH 0999 Support for College and MATH 1111 College Algebra to exit LS Mathematics if eligible.
Students who are not eligible to take MATH 0999 and MATH 1111 will be evaluated for the non-STEM Math pathway.
Students with LS Mathematics requirements must pass MATH 1401 or MATH 1001 or MATH 1111 with a “C” grade or better. Students in LS Mathematics who receive a “D” or “F” grade in MATH 1401 or MATH 1001 or MATH 1111 must retake MATH 1401 or MATH 1001 or MATH 1111 with the appropriate Math support class regardless of the grade in the support Math class.

LS Registering for Courses

For each semester of enrollment, a student must meet with their academic advisor to register for all required LS courses. Students are required to register for LS courses before being allowed to register for other courses. If a student is dropped from a LS course during the add/drop period, the student will be dropped from all other courses. This policy applies to both full-time and part-time students. If a student is recorded as a no-show for the LS support and/or the course paired with the LS support class, the student will be dropped from all courses. This policy applies to both full-time and part-time students.
Students enrolled in LS courses are not permitted to enroll for credit or to audit in courses that require the content or skills of the LS course. Academic advisors shall inform students of courses that the LS student is eligible to take.

- Completion or exemption from LS Mathematics is required for Natural and Physical Science courses.
- Completion or exemption from LS Mathematics is required for placement into college level math courses.
- Completion or exemption from LS English is required for Social, Natural, and Physical science courses.
- Completion or exemption from LS English is required for placement into college level English courses.
- Any courses with prerequisite of any other college-level course would require exit or exemption from related Learning Support requirements.

Students who have acquired 30 or more credit hours and have not exited LS can only enroll in LS courses. Readmitted students who have not satisfied LS requirements and have acquired 30 or more hours during their previous period(s) of enrollment, can only enroll in LS courses.
Students with transferred hours or hours completed in a prior earned certificate or degree program, will be permitted to earn an additional 20 credit hours in the student’s current program.
Students who are not required to take LS courses in any subject area, may elect to enroll in LS courses in the non-required area for institutional credit or on an audit basis.

Required High School Curriculum (RHSC) Deficiencies

Entering freshmen who have outstanding RHSC requirements must complete the deficient courses with a grade of "C" or better by the time they have earned 30 semester hours of credit. Students who accumulate 30 or more semester hours of college-level credit in the University before completing all RHSC requirements cannot register for other courses, unless they also register for the appropriate deficiency course. Courses used to satisfy high school deficiencies can also be used to meet University graduation requirements.
Students may fulfill outstanding RHSC requirements using the following guidelines:

RHSC Deficiency

MGA Requirement
(Must earn C or Better)

English

Student must take ENGL 1101. The student must also take the Learning Support English if they do not meet the exemption criteria as listed in the Learning Support section.

Math

Student must take MATH 1001 or 1401 or 1111. The student must also take the Learning Support Mathematics if they do not meet the exemption criteria as listed in the Learning Support section.

Science

The student must complete one of the following courses:

BIOL 1001K	Introductory Biology I	4
CHEM 1151K	Survey of Chemistry I	4

Social Science

The student must complete one of the following courses:

ANTH 1102	Introduction to Anthropology	3
GEOG 1101	Introduction to Human Geography	3
HIST 1111	History of World Civilization to 1650	3
HIST 1112	History of World Civilization since 1650	3
PSYC 1101	Introduction to Psychology	3
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3

Language

The student must complete any non-English language course at the 1001 level, including:

SPAN 1001	Elementary Spanish I	3
FREN 1001	Elementary French I	3
KOR 1001	Elementary Korean I	3
GRMN 1001	Elementary German I	3

Study Abroad Program

Middle Georgia State University students may participate in study abroad programs sponsored by the university, by other colleges and universities in the University System of Georgia, and by the Regional Councils of the University System.
These study abroad programs offer students an opportunity to experience life in another culture, to see the world and human relationships from a broader, more informed perspective, and to add an international or cross-cultural dimension to their educational experience. Students may choose from a wide variety of available programs for summer or semester study. For detailed information about study abroad programs, see https://www.mga.edu/international-education/study-abroad/index.php

Academic Recognition

President's List

A student who earns a semester grade point average of 3.80 or above on an academic load of at least twelve semester hours will be placed on the President's List for the following semester provided the student has a cumulative institutional academic grade point average of 3.00 or higher. A student with outstanding "I" grades for the semester will be reevaluated for the President's List after the "I" has been removed per the incomplete (I) grade policy (p. 49). If eligible President's List will be added to the student's academic record. Students must have satisfied all Learning Support requirements to be eligible for the President's List. Courses numbered below 1000 do not apply toward credit hours or grades required.

Dean's List

A student who earns a semester grade point average of 3.50 or above on an academic load of at least twelve semester hours will be placed on the Dean's List for the following semester provided the student has a cumulative institutional academic grade point average of 2.50 or higher. A student with outstanding "I" grades for the semester will be reevaluated for the Dean's List after the "I" has been removed per the incomplete (I) grade policy (p. 49). If eligible Dean's List will be added to the student's academic record. Students must have satisfied all Learning Support requirements to be eligible for the Dean's List. Courses numbered below 1000 do not apply toward credit hours or grades required.

Graduation with Honors

Scholastic recognition at graduation will be given to baccalaureate students who complete at least 50% of course work at Middle Georgia State University and who earn a cumulative institutional GPA of at least 3.50. Credit by examination, credit by validation, CLEP credit, AP credit, and courses specifically excluded by University policy cannot be used to meet the required hours for graduation with honors. The specific award, based on the Middle Georgia State University cumulative grade point average will be one of the following:

Award	**Grade Point Average**
Cum Laude	3.50-3.69
Magna Cum Laude	3.70-3.89
Summa Cum Laude	3.90-4.00

President's Scholar

This designation is the highest honor given to a graduating senior at the institution. The student chosen must have an exceptional academic record at Middle Georgia State, must be involved in campus and/or community activities and must demonstrate characteristics indicating the promise of a very successful future.

President's List Scholar

A student is designated a *President's List Scholar* if he or she completes the associate's degree or bachelor's degree with an overall grade point average of 3.80 - 4.00. The *President's List Scholar* is graduated with honors.

Dean's List Scholar

A student is designated a *Dean's List Scholar* if he or she completes the associate's degree or bachelor's degree with an overall grade point average of 3.50 - 3.79. The *Dean's List Scholar* is graduated with honors.

Honors Program and Honors Discipline Graduates

Eligible Honors students enrolled in an associate or bachelor degree program can exercise one of the following options to meet the requirements for graduation with Honors Program Distinction:

Associate Level Honors Program Graduate
An associate degree student who completes four Honors Program courses in four subject areas with a grade of A or B in each and has an overall grade point average of at least 3.50 is designated an Honors Program Graduate.

Baccalaureate Level Honors Program Graduate
A bachelor degree student who completes eight Honors Program courses in four subject areas with a grade of A or B in each and has an overall grade point average of at least 3.50 is designated an Honors Program Graduate.

Honors Discipline Graduate
A bachelor degree student who completes four upper-level Honors Program courses in a specific program of study with a grade of A or B in each and has an overall grade point average of at least 3.50 is designated an Honors Discipline Graduate.

All Honors Program and Discipline graduates are accorded the privilege of wearing an Honors Program medallion at the graduation ceremony. The designation "Honors Program Graduate" or "Honors Discipline Graduate" will be placed on the permanent academic record.

Experiential Learning Graduation Distinction

Experiential Learning Graduate Distinction
Eligible students enrolled in an associate or bachelor degree program are eligible to receive Experiential Learning Graduate Distinction if they meet the following requirements.

- Successfully complete 3 or more Experiential Learning / High Impact Practice Courses

An official notice that the student has met the distinction requirements will appear on the student's MGA academic record.

Curriculum For The Experiential Learning Graduate Distinction
Choose Three of The Following (Credit: 9 Hours or More)
School of Health and Natural Sciences
NURS 4000 Concepts of Community Health and Transcultural Nursing Care
NURS 3330 Research Methods
NURS 3001 Fundamentals of Nursing
NURS 3111 Concepts of Mental Health Nursing Care
NURS 3115 Concepts of Adult & Gerontological Nursing Care
NURS 4116 Concepts of Women's & Infant Care
NURS 4210 Concepts of Adult & Gerontological Nursing Care II
NURS 4211 Concepts of Nursing Care of Children
NURS 4315 Senior Nursing Practicum
NURS 1000 Foundations of Nursing Practice
NURS 1500 Adult & Gerontological Care I
NURS 1510 Behavioral Health Care
NURS 2000 Adult & Gerontological Care II
NURS 2010 Maternal, Newborn & Child Care
NURS 2500 Adult & Gerontological Care III
NURS 3440 Introduction to Nursing Research
NURS 4100 Nursing Care of Special Client Populations
NURS 4300 Evidence-Based Practice: The Application of Nursing Research into Practice

OCTA 1421 Psychosocial Practice for the Occupational Therapy Assistant
OCTA 1422 Physical Practice for the Occupational Therapy Assistant
OCTA 2224 Innovative Practice for the Occupational Therapy Assistant
OCTA 2230 Occupational Therapy Assistant Seminar
OCTA 2323 Pediatric Practice for the Occupational Therapy Assistant
OCTA 2541 Level II Fieldwork
OCTA 2542 Level II Fieldwork

RESP 3115 Clinical Rotation I- BS Entry Degree
RESP 3125 Clinical Rotation II- BS Entry Degree
RESP 3126 Clinical Rotation III-BS Entry Degree
RESP 3135 Clinical Rotation IV- BS Entry Degree
RESP 4115 Clinical Rotation V- BS Entry Degree
RESP 4116 Clinical Rotation VI- BS Entry Degree
RESP 4125 Clinical Rotation VII- BS Entry Degree
RESP 3030 Respiratory Research- BS Bridge/Completion Degree
RESP 4010 Case Management and Protocols- BS Bridge/Completion Degree
RESP 4040 Community Health- BS Bridge/Completion Degree
SCIE 2999 Directed studies in biology
BIOL 4120 Senior Seminar

School of Computing
ITEC 4750 Senior Capstone
ITEC 4501 Special Projects in Information Technology
ITEC 4701 Internship in Information Technology
ITEC 4299 Special Projects in Information Technology
ITEC 2299 Special Projects in Information Technology
MATH 3207 Communicating Mathematics
MATH 4900 Internship in Mathematics

School of Business
ACCT 4605 Internship and/or Cooperative Education
MGMT 4605 Internship and/or Cooperative Education
MKTG 4605 Internship and/or Cooperative Education
MGMT 4195 Strategic Management
ACCT 4135 Auditing
HLSA 3000 Research Methods
HLSA 4450 Applied Learning Experience
HLSA 4452 Health Service Administration Capstone

School of Aviation
AERO 4010 Aviation Internship
AMGT 4215 Critical Topics in Aviation
AVIA 4010 Aviation and Aerospace Internships
AVIA 3106 Private Pilot Flight
AVIA 3018 Instrument Pilot Flight
AVIA 3020 Commercial Pilot Flight
AVIA 3022 Commercial Pilot Flight II
AVIA 3024 Flight Instructor I Flight
AVIA 3026 Flight Instructor II Flight
AVIA 3030 Tail-wheel Operations and Flight
AVIA 3031 Unusual Attitude and Upset Recovery
AVIA 3032 Basic Aeronautics
AVIA 3081 Private Pilot Flight Helicopter
AVIA 3083 Instrument Pilot Flight I Helicopter
AVIA 3084 Instrument Pilot Flight Ii Helicopter
AVIA 3085 Commercial Pilot Flight Helicopter
AVIA 3087 Flight Instructor I Flight Helicopter
AVIA 3089 Flight Instructor II Flight Helicopter
AVIA 4012 Night Vision Goggles Helicopter
AMTP 1010 Aircraft Maintenance Regulations
AMTP 1020 Aircraft Applied Science
AMTP 1030 Aircraft Electricity and Electronics
AMTP 2010 Aircraft Airframe Structures and Welding
AMTP 2020 Airframe Sheet Metal and Non-Metallic Structures
AMTP 2040 Airframe Assembly and Rigging
AMTP 2050 Airframe Inspection
AMTP 2060 Aircraft Hydraulic, Pneumatic and Landing Gear
AMTP 2080 Aircraft Environmental Control Systems
AMTP 2090 Aircraft Electrical, Comm/Nav
AMTP 2210 Reciprocating Engine Powerplant
AMTP 2230 Gas Turbine Powerplants
AMTP 2250 Aircraft Engine Inspection
AMTP 2260 Aircraft Engine Fuel and Fuel Metering
AMTP 2270 Aircraft Engine Electrical Ignition and Starting
AMTP 2280 Aircraft Powerplant Accessory System
ASTP 1037 Aerodynamics and Structural Fundamentals
ASTP 1104 Fabrication and Sealants
ASTP 1090 Composites and Bonded Structures
ASTP 1112 Aircraft Metallurgy and Corrosion Control

School of Arts and Letters
HIST 4930 Research Seminar
HIST 4895 History Internship
HIST 4898 Research Practicum I
HIST 4899 Research Practicum II
MUSC 1078 Classical Guitar Ensemble
MUSC 1079 Classical Guitar Ensemble
MUSC 1080 Concert Band
MUSC 1081 Concert Band
MUSC 1082 Jazz Ensemble
MUSC 1083 Jazz Ensemble
MUSC 1084 Brass Ensemble
MUSC 1085 Brass Ensemble
MUSC 1086 Percussion Ensemble
MUSC 1087 Percussion Ensemble
MUSC 1088 Woodwind Ensemble
MUSC 1089 Woodwind Ensemble
MUSC 2078 Classical Guitar Ensemble
MUSC 2079 Classical Guitar Ensemble

MUSC 2080	Concert Band
MUSC 2081	Concert Band
MUSC 2082	Jazz Ensemble
MUSC 2083	Jazz Ensemble
MUSC 2084	Brass Ensemble
MUSC 2085	Brass Ensemble
MUSC 2086	Percussion Ensemble
MUSC 2087	Percussion Ensemble
MUSC 2088	Woodwind Ensemble
MUSC 2089	Woodwind Ensemble
MUSC 2090	Chamber Singers
MUSC 2091	Chamber Singers
MUSC 2800	Songwriting
MUSC 2810	Scoring and Arranging
MUSC 3070	Commercial Combos
MUSC 3078	Guitar Ensemble
MUSC 3080	University Band
MUSC 3084	Brass Ensemble
MUSC 3086	Percussion Ensemble
MUSC 3088	Woodwind Ensemble
MUSC 3090	Chamber Singers
MUSC 3092	Gospel Chorus
MUSC 3999	Special Topics in Music
MUSC 4100	Recording Studio Fundamentals
MUSC 4999	Senior Capstone
COMM 3010	Communication Theory
COMM 3015	Intercultural Comm Global Soc
COMM 3016	Gender Roles and Communication
COMM 3205	Adv Interpersonal Comm
COMM 4000	Rhetoric and Argumentation
CRWR 3040	Intermediate Fiction Writing
CRWR 3050	Intermediate Poetry Writing
CRWR 3700	Creative Non-fiction
CRWR 3800	Playwriting
CRWR 4040	Adv Fiction Writing
CRWR 4050	Adv Poetry Writing
CRWR 4440	Screenwriting
ARTS 1010	Drawing I
ARTS 1011	Drawing II
ARTS 1020	2D Design
ARTS 1030	3D Design
ARTS 2015	Photography
ARTS 2016	Computer Graphics I
ARTS 2017	Graphic Design I
ARTS 2036	Computer Graphics II
ARTS 2037	Graphic Design II
ARTS 2651	Digital Photography
ARTS 3013	Sculpture I
ARTS 3014	Ceramics I
ARTS 3020	Figure Drawing
ARTS 3321	Painting I
ARTS 3431	Printmaking I
ARTS 4038	Web Design for Artists
ARTS 4900	Senior Portfolio and Exhibition

FREN 3998	Advanced Study Abroad I
FREN 3999	Advanced Study Abroad II

HUMN 3010	Into to Cultural Studies
HUMN 3206	Gender Studies
HUMN 3501	Applied Linguistics & Culture

HUMN 3999 Special Topics
HUMN 4340 Introduction to Ethics
HUMN 4471 Comparative Cultures
HUMN 4472 Studies in Culture
HUMN 4480 History of Print
HUMN 4482 Popular Culture

IDS 3800 Methods in Interdisciplinary Studies
IDS 4010 Gender, Media and Culture
IDS 4020 Science, Politics and Culture
IDS 4030 Film, Literature, and Culture
IDS 4040 Fashion, Lit, and Culture
IDS 4050 Performance, Lit, and Culture
IDS 4060 Madness, Literature, Culture
IDS 4070 Orgs, Tech, and Culture

MCOM 3030 Public Relations Strategy
MCOM 3131 Print and TV New Production

MUSA 3111 Upper Level Applied
MUSA 3112 Upper Level Applied
MUSA 4111 Upper Level Applied
MUSA 4112 Upper Level Applied

NMAC 3108 Writing for Digital Media
NMAC 3145 Digital Media Studio
NMAC 3460 Media Criticism
NMAC 3600 Digital Storytelling
NMAC 3610 Adv Digital Storytelling
NMAC 3651 Digital Photography & Criticism
NMAC 3999 Special Topics
NMAC 4440 Screenwriting
NMAC 4450 Principles of Production
NMAC 4481 Film Analysis
NMAC 4482 Film Theory
NMAC 4470 Student Editor Internship
NMAC 4471 Off Campus Internship
NMAC 4472 Sports Broadcasting Internship

SPAN 3998 Advanced Study Abroad I
SPAN 3999 Advanced Study Abroad II
SPAN 4999 Special Topics

FILM 1101 On-Set Film Production I
FILM 2001 GFA Set Construction
FILM 2002 GFA Grip & Rigging
FILM 2003 GFA Lighting & Electric
FILM 4000 GFA Internship

ENGL 3010 Intro. to Literary Studies
ENGL 3990 On-campus Internship
ENGL 3991 Off-campus Internship
ENGL 4900 Senior Capstone Seminar

School of Education and Behavioral Sciences
PBSV 4950 Senior Project
PBSV 4996 Internship in Public Service
EDUC 2110 Investigating Critical & Contemporary issues in Education
EDUC 2120 Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts
ESE 3201 The Art of Language and Literature
EDUC 2130 Exploring Learning and Teaching

ESE 3400 Technology in the Classroom
ESE 3410 Development of the Whole Child
ESE 3431 Literacy Acquisition
ESE 3444 Professional Roles and Teaching Practices I
ESE 3531 Literacy Assessment and Intervention Strategies
ESE 3540 Educational Assessment for Learning
ESE 3555 Professional Roles and Teaching Practices I
ESE 3800 Social Studies Designing Interdisciplinary Curriculum
ESE 4200 Mathematics Teaching & Curriculum in Grades Pre-K-5
ESE 4431 Content Area Literacy
ESE 4477 Clinical Practice I
ESE 4520 Positive Behavior Supports
ESE 4588 Clinical Practice II
EDUC 3100 Reading in Multiple Literacies
EDUC 3120 Practicum I (Middle School)
EDUC 3130 Practicum II (High School)
EDUC 4100 Integrated Secondary Curriculum and Instruction
EDUC 4110 Instructional Technology for Teachers
EDUC 4120 Assessment for Learning
EDUC 4140 Clinical Practice I (High School)
EDUC 4150 Clinical Practice II (High School)
SCIE 3000 Science for Elementary Education
SPED 3110 Introduction to the Exceptional Learner
SPED 4110 Program Planning for Exceptional Learners
CRJU 4930 Criminal Justice Internship/Capstone
CRJU 4999 Criminal Justice Independent Study/Capstone
SOCI 4997 Capstone
SOCI 4999 Internship
SOCI 1101H Honors Introduction to Sociology
PSYC 1101H Honors Introduction to Psychology
PSYC 4001 Experimental Psychology
PSYC 4030 Psychological Testing

Graduation

Degree Requirements

Middle Georgia State University sponsors commencement exercises at the end of the fall and spring semesters each year. Students should complete an online graduation application for degree at least two semesters before their expected graduation term. Certificate-seeking students should complete an application for the certificate at least one semester before their expected graduation term. All students must complete the application no later than the dates outlined below.

Summer graduates	Apr 15
Fall graduates	May 15
Spring graduates	Oct 15

In order to participate in the commencement ceremony, students must have completed all degree requirements in the preceding summer or fall to participate in their eligible fall ceremony. Spring graduates must be "on track" to complete degree requirements during the current spring semester to participate in their eligible spring ceremony. A student who files an application to graduate in the spring term after the published deadline of October 15 may not participate in the spring commencement ceremony.
To graduate at the end of the summer term, the online graduation application for degree must be completed by April 15. To graduate at the end of the fall term, the application must be on file by May 15. Please note that while these deadlines represent the last opportunity to apply for a degree in the term specified, it is strongly recommended that students apply two semesters in advance of the expected graduation term in order to have adequate time to meet all degree requirements. Failure to complete the degree application at least two semesters in advance may prevent graduation in the anticipated term. Students who do not complete the degree application until the published application deadline may not be able in that term of enrollment to resolve deficiencies discovered in the degree audit.

A fee of $35.00 must be paid at the time of application. After the application is accepted and has been approved, it becomes the student's official degree program. Students who do not complete degree requirements at the end of the semester designated on their application for degree must file a new application for degree if they expect to complete degree requirements during a subsequent semester. Students participating in the commencement ceremony must order and purchase their cap and gown in the campus store. When participating in the graduation ceremony, students may only wear regalia representing Middle Georgia State University distinctions and/or recognized student organizations.

Choice of Graduation Catalog

In order to graduate students must meet all degree requirements as listed in a single Middle Georgia State University catalog. A student can choose any catalog less than five years old beginning with the catalog in effect during the term of their original matriculation. If a student stops out and is subsequently readmitted to Middle Georgia State University or if a student changes major, their matriculation catalog is reset to the year of readmission or change of major. Students must have attended at least one term under their chosen graduation catalog.

Grade Point Average

Applicants must present a graduation GPA of at least 2.00 on all courses used to meet graduation requirements and a minimum institutional GPA of 2.00.

Graduation Honors

See Academic Recognition (p. 56).

Residency Requirements

Certificates

Students applying to earn a certificate with 21 credit hours or less are required to earn all credits from Middle Georgia State University. Students applying to earn a certificate with 22 credit hours or more are required to earn a minimum of 25% of the credit hours for the certificate at Middle Georgia State University.

Associate's Degrees

Students seeking an associate's degree from Middle Georgia State University are required to earn a minimum of 25% of the credit hours required for the degree earned through instruction offered by the institution awarding the degree. For an associate's degree that requires 60 credit hours, a minimum of 15 credit hours will be required to be completed at Middle Georgia State University. If the associate's degree requires more than 60 credit hours, then additional hours will be required in residence at the University to satisfy the 25% minimum.

Baccalaureate Degrees

Students seeking a bachelor's degree from Middle Georgia State University are required to earn a minimum of 25% of the credit hours required for the degree earned through instruction offered by the institution awarding the degree. For a bachelor's degree that requires 120 credit hours, a minimum of 30 credit hours will be required to be completed at Middle Georgia State University. If the bachelor's degree requires more than 120 credit hours, then additional hours will be required in residence at the University to satisfy the 25% minimum.

Credit earned by examination cannot be applied to or included in the residency requirement for the certificate, associate degrees, or the baccalaureate degrees.

Military Waiver Statement

Middle Georgia State University is military friendly to active duty service members. Academic residency is limited to no more than 25% of the degree requirements for all undergraduate degrees for active-duty service members. Academic residency can be completed at any time while active-duty service members are enrolled. Reservists and National Guardsmen on active-duty are covered in the same manner.

Semester Hour Requirement

Associate's Degrees

Applicants must complete a minimum of sixty (60) semester hours including the core curriculum and major requirements.

Baccalaureate Degrees

Applicants must complete a minimum of one hundred and twenty (120) semester hours of academic work which must include a minimum of thirty-nine (39) semester hours of upper division courses overall and twenty-one (21) semester hours in the major.
**Policy 2.3.1 Majors and Minors* of the *Board of Regents Academic & Student Affairs Handbook*, "A baccalaureate degree must contain 120 semester hours (exclusive of physical education activity/basic health or orientation course hours that the institution may require)."

Awarding of Associate's Degrees to Bachelor's Degree-Seeking Students

If students change major from an associate's to a bachelor's program, an associate-level degree audit will automatically be triggered. When and if the student fulfills all requirements for an approved associate's degree then he or she will automatically be granted the two-year degree, which will be noted on their final transcript. Bachelor's degree-seeking students who wish to walk in graduation upon the granting of the associate's and then again upon the granting of the bachelor's degree must apply and pay for graduation twice.

Approval of Candidates for Graduation

The names of all candidates for degrees are submitted annually for a vote by the Academic Assembly. If the vote is favorable, the President of the University is authorized by the Board of Regents to grant the degrees.

Second Degree

Students who have previously earned or are currently pursuing a degree from an institution regionally accredited by the Commission on Colleges may obtain a second degree at Middle Georgia State University by satisfying all degree requirements as listed in the catalog the semester of application or the semester of graduation. The following additional requirements apply:

Associate Degree

- Meet all Area F requirements for the chosen program of study.
- Earn at least 25% (minimum 15 hours) of total semester hours in residence at Middle Georgia State University (additional residence hours required if associate's degree is more than 60 hours). If the first associate degree was earned at Middle Georgia State University, the courses used to meet the 25% rule must be distinct from courses used in the first degree.

Baccalaureate Degree

- Complete lower division prerequisite courses (including Area F) required by the degree.
- Complete all upper division major requirements for the degree.
- Earn 30 distinct semester hours (not used for the first degree), including 21 semester hours of required, upper-division, major-related course work in residence at Middle Georgia State University. No elective credit outside of the major can count towards the 21 hours.

Credit via examination cannot be applied towards the residency requirement course work at the associate or baccalaureate level. All students seeking a second degree at Middle Georgia State University must meet Georgia legislative requirements in History and the Constitution. Other requirements may be applicable at the program level.

eCore Program

eCore (Electronic core-curriculum) allows students the opportunity to complete their first two years of their collegiate careers in an online environment. eCore courses are taught entirely online, except for the occasional proctored exam. eCore courses are designed, developed, taught, and supported by faculty and staff from the University System of Georgia (USG). General information about eCore, Georgia's College Core-Curriculum Online, can be found at http://ecore.usg.edu/.
The following steps are required in order to register for eCore courses through Middle Georgia State University:

- You must be a fully admitted student at Middle Georgia State University in order to take eCore classes and may not have CPC deficiencies or Learning Support requirements.
- You must be academically advised by your academic advisor to discuss your program of study and whether eCore courses are appropriate for you to take.
- eCore courses available to students at Middle Georgia State University are listed in the University 's class schedule online at http://www.mga.edu/course-schedule/.
- Successfully complete the eCore orientation quiz which is available online at https://ecore.usg.edu/prospective/orientation/mga/page01.php.
- Students successfully passing the orientation quiz will receive an email from Middle Georgia State University's eCore advisor requesting the student to confirm the eCore courses you wish to take and to confirm the courses have been approved by your advisor. The eCore advisor will register the student in the eCore courses and send the student a confirmation of course registration.
- The tuition for eCore classes is different from the tuition charged for on-campus courses. Tuition information can be found online at http://www.mga.edu/bursar/tuition-and-fees.aspx.

A comprehensive overview of Middle Georgia State University's eCore program is available online at https://www.mga.edu/online/ecore.php. Please see course listings and equivalencies for eCore here (p. 72).

Curriculum

Core Curriculum

The University System of Georgia (USG) is a composite of diverse institutions that require System-wide coherence to facilitate a strong foundation in a liberal arts education and promote seamless transfer options for students. The USG provides general education learning goals, Areas A through E, that serve as guidelines for each institution to develop its own learning outcomes.
Institutional learning outcomes must be approved by the USG Council on General Education. All learning outcomes must be collegiate level, not skills-based, broadly focused, and consistent with the learning goals and the mission of the institution and USG.
Middle Georgia State University General Education Outcomes are:

- Students will demonstrate a collegiate competency to read critically and communicate ideas in well-developed written forms.
- Students will demonstrate knowledge of quantitative analysis to solve quantitative problems using mathematical functions and concepts, and coherently express solutions in verbal, numerical, graphical or symbolic forms.
- Students will assimilate, analyze and present thoughts and opinions in oral forms.
- Students will effectively interpret and critically analyze texts, works of art, or music.
- Students will be able to solve problems using scientific principles and the scientific method.
- Students will analyze effectively the complexity of human behavior, or how historical, economic, political, social, or spatial relationships develop, persist, or change.

Core Curriculum Requirements for Baccalaureate and Associate Degrees (except Career Associate Degrees)

Area A Credit – Essential Skills: Communication and Quantitative (Credit: 9 hours)

Required English Courses (Credit: 6 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
	OR	
ENGL 1102H	Honors English Composition II	3

Math Elective (Credit: 3 hours)

Choose one of the following courses:

MATH 1001	Quantitative Reasoning	3
MATH 1101	Introduction to Mathematical Modeling	3
MATH 1111	College Algebra	3
MATH 1112	Plane Trigonometry	3
MATH 1113	Precalculus Mathematics	3
MATH 1113H	Honors Precalculus	3
MATH 1251	Calculus I	4
MATH 1401	Elementary Statistics	3
MATH 1401H	Honors Elementary Statistics	3

Note: Students must make a C or better in all Area A courses. Courses required for Area A must be completed within students first 30 hours of coursework.
Note: Math, Engineering Technology, Computer Science and Science Majors must take MATH 1112, MATH 1113, or MATH 1251. If students choose to take a four-hour course, then one hour of credit from this course will count in Area F where applicable.

Area B Credit – Institutional Options (Credit: 4 hours)

Choose one of the following courses:

Science and Health

AVIA 1101	Perspectives on Aviation	4

BIOL 1004	Perspectives on the Human Body	4
BIOL 1005	Perspectives on the Environment	4
BIOL 1006	Perspectives on Mildews, Mushrooms, and Man	4
HS 1000	Perspectives on Health Care Professions	4
HS 1002	Perspectives on Death and Dying	4
HS 1003	Perspectives on Wellness	4
HS 1004	Perspectives on Women's Health	4
HS 1005	Perspectives on Ethics in Health Care	4
SCIE 1001	Perspectives on Scientific Literacy	4

Humanities

ARTS 1013	Perspectives on Art	4
COMM 1012	Perspectives on Persuasion	4
CRWR 1007	Perspectives on Imaginative Writing	4
HUMN 1001	Perspectives on Narrative	4
HUMN 1001H	Honors Perspective on Narrative	4
HUMN 1002	Perspectives on Society and Film	4
HUMN 1003	Perspectives on Humor, Romance, and War	4
HUMN 1004	Perspectives on Ethics	4
HUMN 1005	Perspectives on Prime-Time TV	4
HUMN 1011	Perspectives on Genre Fiction	4
MUSC 1006	Perspectives on Music and Society	4
THEA 1010	Perspectives on Theatre	4

Mathematics and Technology

ITEC 1001	Perspectives on the History of Computing	4
MATH 1003	Perspectives on Mathematics	4

Social Sciences

PSYC 1001	Perspectives on the Human Mind	4
HIST 1006	Perspectives on America at War	4
HIST 1007	Perspectives on Sinners and Saints	4

Cultural Diversity

HUMN 1009	Perspectives on Global Cultures	4
SSCI 1003	Perspectives on Diversity	4
SSCI 1004	Perspectives on American Religious Diversity	4
SSCI 1009/HUMN 1009	Perspectives on Global Cultures	4

*Area B courses key competencies focus on oral communication and academic success through various topics in multiple disciplines. Area B courses offer opportunities for students to gain knowledge of and experience in developing and presenting arguments in oral forms, along with thinking resourcefully about scholarly activities.

Area C Credit – Humanities/Fine Arts (Credit: 6 hours)

Literature-based Elective (Credit: 3 hours)

Choose one of the following courses:

ENGL 2111	World Literature I	3
ENGL 2111H	Honors World Literature I	3
ENGL 2112	World Literature II	3
ENGL 2121	British Literature I	3
ENGL 2122	British Literature II	3
ENGL 2131	American Literature I	3
ENGL 2131H	Honors American Literature I	3

ENGL 2132	American Literature II	3
ENGL 2132H	Honors American Literature II	3
ENGL 2141	African American Literature I	3
ENGL 2142	African American Literature II	3

Area C Elective (Credit: 3 hours)

Choose a second literature-based elective from the courses listed above or choose one of the following courses:

Art

ARTS 1100	Art Appreciation	3
ARTS 2010	Art History I: Prehistoric to Gothic	3
ARTS 2011	Art History II: Renaissance to Present	3

Korean

KOR 1001	Elementary Korean I	3
KOR 1002	Elementary Korean II	3

Communication

COMM 1110	Public Speaking	3
COMM 1100	Human Communication	3

French

FREN 1001	Elementary French I	3
FREN 1002	Elementary French II	3
FREN 2001	Intermediate French I	3
FREN 2002	Intermediate French II	3

German

GRMN 1001	Elementary German I	3
GRMN 1002	Elementary German II	3
GRMN 2001	Intermediate German I	3
GRMN 2002	Intermediate German II	3

Humanities

HUMN 2111H	Honors Humanities	3
HUMN 2151	Special Topics	3
HUMN 2152/SCIE 2152	Science, Poetry, and the Imagination	3
HUMN 2155	Survey of Humanities I	3
HUMN 2156	Survey of Humanities II	3

Latin

LATN 1001	Elementary Latin I	3
LATN 1002	Elementary Latin II	3

Music

MUSC 1100	Music Appreciation	3

Philosophy

Spanish

SPAN 1001	Elementary Spanish I	3
SPAN 1002	Elementary Spanish II	3
SPAN 2001	Intermediate Spanish I	3
SPAN 2002	Intermediate Spanish II	3
SPAN 2998	Intermediate Study Abroad I	3

SPAN 2999	Intermediate Study Abroad II	3

Theatre

THEA 1100	Theatre Appreciation	3

Area D Credit - Natural Science, Mathematics, and Technology (Credit: 11 hours)

Option I: Non-Science Majors

Lab-Science Electives (Credits: 8 hours)

Choose two of the following courses:

Astronomy

ASTR 1010K	Astronomy of the Solar System	4
ASTR 1020K	Stellar and Galactic Astronomy	4

Biology

BIOL 1001K	Introductory Biology I	4
	OR	
BIOL 1001K-H	Honors Introductory Biology I	4
BIOL 1002K	Introductory Biology II	4
	OR	
BIOL 1002KH	Honors Introductory Biology II	4
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4

Chemistry

CHEM 1151K	Survey of Chemistry I	4
CHEM 1152K	Survey of Chemistry II	4
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4

Geology

GEOL 1125K	Physical Geology	4
GEOL 1126K	Historical Geology	4

Physics

PHYS 1011K	Physical Science I	4
PHYS 1012K	Physical Science II	4
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4

Note: The two courses selected from the list above do not have to be taken in sequence. However, students need to consult catalog course descriptions regarding restrictions on graduation credit. Students may only take courses for which they have the necessary prerequisites.

Area D Elective (Credit: 3 hours) (Non-Science Majors)

Choose one of the lab-science electives listed above or choose one of the following courses:

Biology

BIOL 1150K	Field Studies in Biology	3
BIOL 1160K	Introduction to Fungi	4
BIOL 1332K	Introduction to Insects	4

Computer Science

CSCI 1301	Computer Science I	3

Geology

GEOL 1011K	Introductory Geosciences I	4
GEOL 1130K	Introduction to Georgia Geology	4

Math

MATH 1112	Plane Trigonometry	3
MATH 1113	Precalculus Mathematics	3
MATH 1113H	Honors Precalculus	3
MATH 1401	Elementary Statistics	3
MATH 1401H	Honors Elementary Statistics	3
MATH 1251	Calculus I	4
MATH 1371	Computing for the Mathematical Sciences	4
MATH 2120	Discrete Mathematics	3
MATH 2252	Calculus II	4

Science

SCIE 2152/HUMN 2152	Science, Poetry, and the Imagination	3

Note: If students choose to take a four-hour course, then one hour of credit from this course will count in Area F where applicable. Students must have the necessary prerequisite for any course they choose.

Option II: Science Majors

Lab-Science Electives (Credits: 8 hours)

Choose an 8 hour sequence from the following sets of classes:

Biology

BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4

Chemistry

CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4

Geology

GEOL 1125K	Physical Geology	4
GEOL 1126K	Historical Geology	4

Physics

PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
	OR	
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4

Area D Elective Credit: 3 hours (Science Majors)

Choose one of the following courses:

Biology

BIOL 2107K	Principles of Biology I	4

Chemistry

CHEM 1211K	Principles of Chemistry I	4

CHEM 2211K	Organic Chemistry I	4

Computer Science

CSCI 1301	Computer Science I	3

Geology

GEOL 1125K	Physical Geology	4

Math

MATH 1401	Elementary Statistics	3
MATH 1401H	Honors Elementary Statistics	3
MATH 1251	Calculus I	4
MATH 1371	Computing for the Mathematical Sciences	4
MATH 2120	Discrete Mathematics	3
MATH 2252	Calculus II	4

Physics

PHYS 1111K	Introductory Physics I	4
PHYS 2211K	Principles of Physics I	4

Note: Students must have the necessary prerequisite for any course they choose. Students cannot take both major and non-major sequences for graduation. If students choose to take a four-hour course, then one hour of credit from this course will count in Area F where applicable.

Area E Credit – Social Sciences (Credit: 12 hours)

American History (Credit: 3 hours)

These courses will satisfy the state requirements in U.S. and Georgia History.
Choose one of the following courses:

HIST 2111	United States History to 1865	3
HIST 2111H	Honors United States History to 1865	3
HIST 2112	United States History since 1865	3
HIST 2112H	Honors United States History Since 1865	3

Political Science (Credit: 3 hours)

These courses will satisfy the state requirements in U.S. and Georgia Constitution.
Choose one of the following courses:

POLS 1101	American Government	3
POLS 1101H	Honors American Government	3

Area E Electives (Credit: 6 hours)

Choose two of the following courses:

Anthropology

ANTH 1102	Introduction to Anthropology	3

Economics

ECON 2105	Principles of Macroeconomics	3
ECON 2105H	HONORS Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
ECON 2106H	Honors Principles of Microeconomics	3

Geography

GEOG 1101	Introduction to Human Geography	3

History

HIST 1111	History of World Civilization to 1650	3
HIST 1111H	Honors History of World Civilization to 1650	3
HIST 1112	History of World Civilization since 1650	3

HIST 1112H	Honors History of World Civilization since 1650	3
HIST 1190	History of World Religions	3
HIST 2111	United States History to 1865	3
HIST 2111H	Honors United States History to 1865	3
HIST 2112	United States History since 1865	3
HIST 2112H	Honors United States History Since 1865	3
Political Science		
POLS 2101	Introduction to Political Science	3
POLS 2201	State and Local Government	3
POLS 2301	Introduction to Comparative Politics	3
POLS 2401	Global Issues	3
Psychology		
PSYC 1101	Introduction to Psychology	3
PSYC 1101H	Honors Introduction to General Psychology	3
Sociology		
SOCI 1101	Introduction to Sociology	3
SOCI 1101H	Honors Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3

Area F Credit – Transfer Pathways, Major Requirements, or Prerequisite Courses for Baccalaureate Majors (Credit: 18 hours)

Students seeking to follow a transfer pathway program and earn an Associate of Arts, Core Curriculum or Associate of Science, Core Curriculum should consult with an advisor, review advising sheets, or contact the transfer institution for appropriate course choices in Area F. Any course eligible to fulfill Area C-F at the University are eligible for inclusion in Area F for the A.A. and A.S. Core Curriculum. Students seeking associate degrees with majors other than the Core Curriculum and students seeking bachelor's degrees take pre-requisite or other course work appropriate to the major field. (See Area F curriculum within each Program description)
Total Academic Hours: 60

Associate of Arts, Core Curriculum and Associate of Science, Core Curriculum
Student may earn the Associate of Arts, Core Curriculum by completing areas A-F, including Area D for non-science majors. Students may earn the Associate of Science Core Curriculum by completing Areas A-F, including Area D for science majors.
Total Academic Hours: 60

History and Constitution Requirements (State of Georgia Legislative Requirements)

Before being certified as having met all degree requirements, students must satisfy the Georgia legislative requisites of demonstrating proficiency in United States and Georgia history and United States and Georgia Constitutions.
Students must meet the United States and Georgia history requirement in one of the following ways:

- Successfully completing HIST 2111 or HIST 2112 at Middle Georgia State University, OR
- Transferring in an equivalent course from a University System institution, which designates that course as fulfilling the history requirement, OR
- Transferring in an equivalent course from a private institution in Georgia, whose catalog specifically indicates that the course satisfies the Georgia legislative history requirement.

Students have satisfied only the United States component of the history requirement under the following circumstances and must still successfully pass an examination on Georgia history:

- Transferring in a United States history course from an out-of-state institution.
- Transferring in a United States history course from a private institution in Georgia whose catalog does not specify that the course meets the requirement.
- Obtaining credit for HIST 2111 and/or HIST 2112 through Advanced Placement (AP) or College Level Examination Program (CLEP) exams.

Students may meet the United States and Georgia Constitutions requirement in one of the following ways:

- Successfully completing POLS 1101 at Middle Georgia State University, OR
- Transferring in an equivalent course from a University System institution, which designates that course as fulfilling the Constitutions requirement, OR
- Transferring in an equivalent course from a private institution in Georgia, whose catalog specifically indicates that the course satisfies the Georgia legislative Constitutions requirement.

Students have satisfied only the United States component of the Constitution requirement under the following circumstances and must still successfully pass an examination on the Georgia Constitution:

- Transferring in an equivalent political science course from an out-of-state institution.
- Transferring in an equivalent political science course from a private institution in Georgia whose catalog does not specify that the course meet the requirement.
- Obtaining credit for POLS 1101 through Advanced Placement or CLEP exams.

Students needing to take either the Georgia history or the Georgia Constitution exam, or both, should contact the Academic Testing Center at (478) 471-2050 for information about the tests and the test schedule. The Academic Testing Center is located in the Student Life Building. If a Middle Georgia State University degree program permits students to exempt either the United States history and/or the United States government course(s), students must still satisfy both the United States and the Georgia components of the legislative history requirement and/or legislative constitutions requirement. Students should contact the Academic Testing Center at (478) 471-2050 for information about the tests and the test schedule. The Academic Testing Center is located in the Student Life Building. Students opting to exempt HIST 2111 or HIST 2112 will be required to pass a CLEP test and pass the Georgia History test offered in the Academic Testing Center. Students opting to exempt POLS 1101 will be required to pass a CLEP test and pass the Georgia Constitution test offered in the Academic Testing Center. Students are limited to two attempts at passing the U.S./Georgia history exams or the U.S./Georgia Constitutions exams. After that, students must enroll in either HIST 2111 or HIST 2112 and/or POLS 1101.

Core Curriculum Requirements for Career Associate Degrees

In compliance with Board of Regents policy, Career associate degrees include a minimum of twenty-one semester credit hours of general education, with at least one course from each of the following areas: the humanities/fine arts, the social/behavioral sciences, and natural sciences/mathematics.

eCore

eCore is a cooperative arrangement among SACSCOC-accredited institutions of the University System of Georgia (USG) to offer online general education courses. eCore courses are taught by instructors from USG institutions and are transferable within the USG, as well as to most regionally accredited schools. Whether you are a working adult who wants to get back in school or a traditional college student who needs the flexibility of an online class–the public universities and colleges of the University System of Georgia are well within your reach through eCore.
For more information on the MGA website please follow this link: eCore Learning: Middle Georgia State University (mga.edu)

eCore Course		Title	Credit Hours	Course Equivalency(MGA)
ARTS	1100	Art Appreciation	3	ARTS 1100 Art Appreciation
BIOL	1011K	Introduction to Biology I and LAB	4	BIOL 1001K Introductory Biology I
BIOL	1012K	Introduction to Biology II and LAB	4	BIOL 1002K Introductory Biology II
CHEM	1211K	Principles of Chemistry I and LAB	4	CHEM 1211K Principles of Chemistry I
CHEM	1212K	Principles of Chemistry II and LAB	4	CHEM 1212K Principles of Chemistry II
COMM	1100	Human Communications	3	COMM 1100 Human Communication
CSCI	1301	Computer Science	4	N/A
DATA	1501	Introduction to Data Science	3	No equivalent (Accepted as an elective)
ECON	2105	Principles of Macroeconomics	3	ECON 2105 Principles of Macroeconomics
ENGL	1101	English Composition I	3	ENGL 1101 English Composition I
ENGL	1102	English Composition II	3	ENGL 1102 English Composition II

ENGL	2111	World Literature I	3	ENGL 2111 World Literature I
ENGL	2112	World Literature II	3	ENGL 2112 World Literature II
ENGL	2131	American Literature I	3	ENGL 2131 American Literature I
ENGL	2132	American Literature II	3	ENGL 2132 American Literature II
ENVS	2202	Environmental Science	3	No equivalent (Accepted as an elective)
ETEC	1101	Electronic Technology in the Educational Environment	2	No equivalent (Accepted as an elective)
GEOL	1121K	Introductory Geosciences I and LAB	4	No equivalent (Accepted in area D)
HIST	1111	Survey of World History I	3	HIST 1111 History of World Civilizations to 1650
HIST	1112	Survey of World History II	3	HIST 1112 History of World Civilizations since 1650
HIST	2111	U.S. History I	3	HIST 2111 United States History to 1865
HIST	2112	U.S. History II	3	HIST 2112 United States History since 1865
MATH	1001	Quantitative Reasoning	3	MATH 1001 Quantitative Reasoning
MATH	1101	Introduction to Mathematical Modeling	3	MATH 1101 Introduction to Mathematical Modeling
MATH	1111	College Algebra	3	MATH 1111 College Algebra
MATH	1113	Precalculus	3	MATH 1113 Pre-Calculus Mathematics
MATH	1401	Elementary Statistics	3	MATH 1401 Elementary Statistics
MATH	1501	Calculus I	4	MATH 1251 Calculus I
MUSC	1100	Music Appreciation	3	MUSC 1100 Music Appreciation
PHIL	2010	Introduction to Philosophy	3	No equivalent (Accepted as an elective)
PHYS	2211K	Principles of Physics I and LAB	4	PHYS 2211K Principles of Physics I
PHYS	2212K	Principles of Physics II and LAB	4	PHYS 2212K Principles of Physics II
POLS	1101	American Government	3	POLS 1101 American Government
PSYC	1101	Introduction to General Psychology	3	PSYC 1101 Introduction to General Psychology
SOCI	1101	Introduction to Sociology	3	SOCI 1101 Introduction to Sociology
SPAN	2001	Intermediate Spanish I	3	SPAN 2001 Intermediate Spanish I
SPAN	2002	Intermediate Spanish II	3	SPAN 2002 Intermediate Spanish II

Programs

Middle Georgia State University meets central Georgia's educational needs by providing baccalaureate degrees, associate degree options, and certificate opportunities.
Middle Georgia State's bachelor's degree programs are concentrated in selected disciplines that enhance the economic and cultural vitality of Central Georgia. With 18 bachelor of science or bachelor of arts programs. Middle Georgia State has something to offer all qualified students looking for a rewarding University experience. Additionally, we also offer two-year associate degrees and certificates that may be completed in one or two semesters.
In a few cases, an Associate of Science (A.S.) or an Associate of Arts (A.A.) degree may satisfy the degree qualifications graduates need to obtain certain jobs. Two of our A.S. degrees can be used by students to begin careers in occupational therapy or nursing. For this reason, these two programs are sometimes referred to as Career Programs or Career Associate Degrees.

School of Arts and Letters

Dean: Dr. Mary Wearn
Associate Dean: Dr. Amy Berke

The mission of the School of Arts & Letters (SOAL) is to provide broad access to arts and humanities education that promotes creativity, elevates culture, encourages the pursuit of happiness, and prepares intellectually agile citizens to serve our communities and the creative economy of Georgia..
SOAL's interdisciplinary academic portfolio includes programs of study leading to Bachelor of Arts (BA) degrees in Applied Art & Design, English, History, Interdisciplinary Studies, Music, and Media & Communication. All.BA degrees include options for work-ready concentrations in areas such as public relations, sports broadcasting production, film production, visual communication, teacher certification, professional writing, creative writing, and pre-law. SOAL also offers curriculum leading to the innovative certificate in film production with the Georgia Film Academy, and Associate of Art degrees are available in Art, Core Curriculum, Music, and Modern Languages.
The School of Arts & Letters also offers a Graduate Certificate in Technical Writing and Digital Communication and Master of Arts in Technical and Professional Writing.
Claim your education with SOAL@MGA.
The School of Arts & Letters consists of the following academic departments:

- Department of English – Chair: Dr. Benita Muth
- Department of History – Chair: Dr. Matt Zimmerman
- Department of Media Culture, & the Arts – Chair: Dr. Sheree' Keith

Department of English

Chair: Benita Huffman Muth, Ph.D.
The Department of English at Middle Georgia State University is home to the baccalaureate degree in English, the Minor in Professional Writing, and the Minor in Creative Writing. The department is committed to preparing English graduates to be reflective professionals with an exceptionally strong content knowledge in writing and literature, a commitment to their chosen profession, a willingness to engage in professional development long after they graduate, and a desire to use their expertise to serve their communities. The curriculum for the Bachelor of Arts in English includes concentrations that prepare students for diverse paths in graduate studies, professional writing, creative writing, law school, and secondary education, among many other possibilities. In the twenty-first century global job market, where requirements for technical skills change rapidly, employers are finding that English graduates are highly suited for long-term success in today’s economy. Employers increasingly look for skills that the English graduate possesses: the ability to think critically, to solve complex problems, and to communicate clearly.

English (B.A.)

In its core and in all concentrations, the Bachelor of Arts in English degree develops critical thinking, writing, research, and communication skills as students explore and investigate the great works of Western and world Literature. Students gain an appreciation of the imaginative power of language and the complexity of human thought through a variety of critical lenses. As students engage with literary works, they demonstrate, through written and oral discourse, their ability to think critically, to argue persuasively, and to use research to support ideas. The B.A. in English is an excellent choice for students interested in careers such as editing, publishing, business, the arts, technical and professional writing, research, teaching, law, advertising, marketing, or public relations. The degree also provides an excellent foundation for graduate level work.
Note:

- Progression requirement for the B.A. in English: Students must pass ENGL 3010 with a “C” or better.

Bachelor of Arts in English

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field French, German, or Spanish (Credit: 6-9 hours)

FREN 1002	Elementary French II	3
FREN 2001	Intermediate French I	3
FREN 2002	Intermediate French II	3
	OR	
GRMN 1002	Elementary German II	3
GRMN 2001	Intermediate German I	3
GRMN 2002	Intermediate German II	3
	OR	
SPAN 1002	Elementary Spanish II	3
SPAN 2001	Intermediate Spanish I	3
SPAN 2002	Intermediate Spanish II	3

Major Electives (6-12 hours)

Select from:

CRWR 2105	Introduction to Creative Writing	3
ENGL 2111	World Literature I	3
ENGL 2112	World Literature II	3
ENGL 2121	British Literature I	3
ENGL 2122	British Literature II	3
ENGL 2131	American Literature I	3
ENGL 2131H	Honors American Literature I	3
ENGL 2132	American Literature II	3
ENGL 2132H	Honors American Literature II	3
ENGL 2141	African American Literature I	3
ENGL 2142	African American Literature II	3
ENGL 2208	Technical Communication	3
ENGL 2999	Special Topics in Literature	3

including at least one sequence (example: ENGL 2131 and ENGL 2132).

Note: Students should take at least one world literature, ENGL 2111 or ENGL 2112, if not taken in another area.

Upper Level Courses (Credit: 60 hours)

AREA I Required Core Courses (Credit: 21 hours)

Take all six:

ENGL 3010	Gateway to Literary Studies	3
ENGL 3500	19th Century American Poetry and Prose	3
ENGL 4100	Shakespeare	3
ENGL 4400	19th Century British Poetry and Prose	3
ENGL 4430	Topics in World Literature	3
ENGL 4600	History of the English Language	3

Genre Course (Credit: 3 hours)

Take one:

ENGL 3130	Studies in Short Fiction	3
ENGL 3700	Studies in the Novel	3
ENGL 3800	Studies in Poetry	3
ENGL 3900	Studies in Modern Drama	3

AREA II: English Concentration (Credit: 21 hours*)

Select one of the six Concentrations below (A-F) (Credit: 21 hours*).
*27 credit hours for the Teacher Certification Concentration

A. Generalist Concentration

Take any seven English (ENGL), Creative Writing (CRWR), and/or Professional Writing (PFWR) courses at the 3000 or 4000 level.

B. LITERATURE CONCENTRATION (Credit: 21 hours)

American Literature (Credit: 3-15 hours)

Take at least one:

ENGL 3140	American Realism and Naturalism	3
ENGL 3400	17th and 18th Century American Poetry and Prose	3
ENGL 3600	20th Century American Poetry and Prose	3
ENGL 4450	Literature of the Harlem Renaissance	3
ENGL 4460	Southern Literature	3
ENGL 4470	Contemporary Literature	3
ENGL 4490	African American Literature	3

British Literature (Credit: 3-15 hours)

Take at least one:

ENGL 3100	Old English Language and Culture	3
ENGL 3110	Middle English Language and Culture	3
ENGL 3200	Chaucer	3
ENGL 3300	Literature of the English Renaissance	3
ENGL 4130	17th Century British Poetry and Poetics	3
ENGL 4200	Milton	3
ENGL 4300	18th Century British Poetry and Prose	3
ENGL 4405	English Romanticism	3
ENGL 4500	20th Century British Poetry and Prose	3

Beyond the British and American (Credit: 3-15 hours)

Take at least one:

ENGL 3020	Introduction to Composition Studies	3
ENGL 3120	Myth and Folklore for Literary Studies	3
ENGL 3130	Studies in Short Fiction	3
ENGL 3700	Studies in the Novel	3
ENGL 3800	Studies in Poetry	3
ENGL 3900	Studies in Modern Drama	3
ENGL 3990	English On-Campus Internship	3
ENGL 3991	English Off-Campus Internship	3
ENGL 3999	Special Topics	3
ENGL 4000	Rhetoric	3
ENGL 4020	Advanced Grammar	3
ENGL 4150	Studies in Caribbean Literature	3
ENGL 4160	Studies in African Literature	3
ENGL 4410	Literature for the Adolescent	3
ENGL 4415	Major Authors Seminar	3
ENGL 4420	Modern European Literature in Translation	3
ENGL 4440	Literature by Women	3
ENGL 4700	Topics in Literary Theory	3

C. PROFESSIONAL WRITING CONCENTRATION (Credit: 21 hours)

Professional Writing Courses (Credit: 15 hours)

Take all five:

PFWR 3160	Introduction to Professional Writing	3
PFWR 3170	Practical Workplace Writing	3
PFWR 3180	Inquiry, Information & Research Methods	3
PFWR 4650	Advanced Editing and Style	3
PFWR 4660	Advanced Professional Writing	3

Professional Writing Electives (Credit: 6 hours)

Take two upper-level English (ENGL) or Creative Writing (CRWR) courses not applied elsewhere in the degree program. May also include the following:

MCOM 2131	News Writing and Reporting	3
NMAC 3108	Writing for Digital Media	3
MCOM 3131	Newswriting Practicum: Print and TV News Production	3
PFWR 4050	Legal Writing	3 Credits

D. CREATIVE WRITING CONCENTRATION (Credit: 21 hours)

Introductory and Intermediate Creative Writing Courses (Credit: 9-12 hours)

Take all four:

CRWR 2105	Introduction to Creative Writing	3
CRWR 3040	Intermediate Fiction Writing	3
CRWR 3050	Intermediate Poetry Writing	3
CRWR 3700	Intermediate Creative Nonfiction Writing	3

Note: If CRWR 2105 is taken for Area F credit, it may not be repeated for credit in this concentration and only nine credit hours completes this portion of the concentration.

Advanced Creative Writing Courses (Credit: 6 hours)

Take two:

CRWR 4040	Advanced Fiction Writing	3
CRWR 4050	Advanced Poetry Writing	3
CRWR 4440/NMAC 4440	Screenwriting	3
CRWR 4700	Advanced Creative Nonfiction Writing	3 Credits

Creative Writing Electives (Credit: 3-6 hours)*

Take one or two upper-level English (ENGL) or Creative Writing (CRWR) courses not applied elsewhere in the degree program.
*Depending on whether CRWR 2105 is applied in Area F or in Introductory and Intermediate Courses, students need either three Creative Writing Elective hours or six.
Note: CRWR 4000-level courses are repeatable up to six semester hours.

E. PRE-LAW CONCENTRATION (Credit: 21 hours)

Required Legal and Professional Writing Courses (Credit: 6 hours)

Take both:

PFWR 3160	Introduction to Professional Writing	3
PFWR 4050	Legal Writing	3 Credits

Required Rhetoric Course (Credit: 3 hours)

Take one:

COMM 4000	Rhetoric and Argumentation	3
ENGL 4000	Rhetoric	3

Pre-Law Electives (Credit: 12 hours)

Take four upper-level English (ENGL) courses not applied elsewhere in the degree program.

F. TEACHER CERTIFICATION TRACK (Credit: 27 hours)

Required Education Courses (Credit: 27 hours)

Take all seven:

EDUC 3100	Reading in Multiple Literacies	3
SPED 3110	Introduction to the Exception Learner	3
EDUC 3520	Classroom Management	2 Credits
EDUC 4120	Integrated Secondary Curriculum, Instruction, and Assessment	3
EDUC 4130	Methods in Content Area	4
EDUC 4140	Practicum	3
EDUC 4150	Clinical	9

Note: Admission, progression, and graduation requirements for the concentration can be found in the Academic Catalog under the Secondary Education Certification track.

AREA III: University Electives (Credit: 18 hours*)

Take six elective courses from the University curriculum. (Credit: 18 hours*)
*Four courses, or 12 credit hours, for the Teacher Certification Concentration.
Total: 120 hours

Professional Writing (Minor)

Middle Georgia State University's Department of English offers a Minor in Professional Writing for undergraduates enrolled in any discipline or program other than the Bachelor of Arts in English. Given the competitive nature of the job market, one of the best ways for graduates to set themselves apart from other job candidates is to signal that they possess professional writing and communication skills, as well as interpretive and critical thinking skills. Completing a Minor in Professional Writing will help graduates toward that end. Students planning for careers in any field can strengthen their degrees by adding a Minor in Professional Writing to their credentials.
Required courses (Credit: 15 hours)

Degree Requirements

Required Courses

PFWR 3160	Introduction to Professional Writing	3
PFWR 3170	Practical Workplace Writing	3
PFWR 3180	Inquiry, Information & Research Methods	3
PFWR 4650	Advanced Editing and Style	3
PFWR 4660	Advanced Professional Writing	3

Creative Writing (Minor)

The minor in Creative Writing gives students broad experience in the problems and processes of writing, editing, and publishing creative work; students will write and workshop beyond the beginner's level in poetry, fiction, and creative nonfiction in an intellectual setting that is challenging and nurturing. The study of creative writing will help make better teachers, writers, journalists, professionals, and graduate students.

Curriculum for the Minor in Creative Writing

Required Course (Credit: 3 hours)

CRWR 2105	Introduction to Creative Writing	3

Note: CRWR 2105 is a prerequisite for all other creative writing courses, and it can be used as an elective for any course of study.

Upper-Level Creative Writing (Credit: 12 hours)

All students must take at least four (4) 3000- to 4000- level courses with a CRWR designation (Credit: 3 hours each).
Note: Students may repeat an Advanced Creative Writing course in a specific genre once for credit.
Total Hours: 15

Honors Pathway Certificate

Honors Pathway Certificate

Dual enrollment students admitted to the Honors Program who complete four Honors courses, two of which must be English and at least one of which must be a field other than English, with a grade of A or B in each and who complete an outside enrichment requirement will be awarded the Honors Pathway Certificate.

Department of History

Chair: Dr. Matthew Zimmerman
The Department of History mentors students pursuing studies in a history baccalaureate degree. The history program at Middle Georgia State University prepares students to meet the growing demand for research and analytical skills in Central Georgia and beyond.
The Bachelor of Arts in History is aimed at students interested in careers in the arts, law, government and community service, historical interpretation and museum work, as well as graduate study. The Bachelor of Arts in History includes significant study in historical research methodology as well as both U.S. and World history. Students in history undertake a program of study that provides them with the skills, knowledge and training necessary to be effective in the 21st century workforce.

History (B.A.)

History majors learn to analyze and draw objective conclusions. While history is the study and interpretation of past events, the research and analytical skills learned in history courses are applicable in nearly every field of professional endeavor. Traditionally, history majors have also been employed in historical site interpretation, research, historic preservation, or archival and museum work. Many history majors also find careers in the electronic and print media, politics, government service, non-profit organizations, and lobbying, among other areas. In addition to developing an understanding of history, a history degree builds and enhances required academic skills for successful completion of graduate study or law school, making the history degree a preferred pre-law major.
Students are not permitted to use courses in which a grade of D was earned to satisfy requirements specific to the history program.

Curriculum for the Bachelor of Arts in History

History majors learn to analyze and draw objective conclusions. While history is the study and interpretation of past events, the research and analytical skills learned in history courses are applicable in nearly every field of professional endeavor. Traditionally, history majors have also been employed in historical site interpretation, research, historic preservation, or archival and museum work. Many history majors also find careers in the electronic and print media, politics, government service, non-profit organizations, and lobbying, among other areas. In addition to developing an understanding of history, a history degree builds and enhances required academic skills for successful completion of graduate study or law school, making the history degree a preferred pre-law major.

Students are not permitted to use courses in which a grade of D was earned to satisfy requirements specific to the history program.

Core Curriculum (Credit: 42 hours)

See listing of requirements

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field Requirements (Credit: 9 hours)

HIST 1111	History of World Civilization to 1650	3
HIST 1112	History of World Civilization since 1650	3
HIST 2112	United States History since 1865	3

Foreign (Modern) Language Credit: 3 - 6 hours

Note: All history majors must take a six-hour sequence of a single foreign language at the freshman-sophomore level. These can be taken in Areas C or F. Majors are encouraged to take at least three hours outside of Area F.

Area F Electives Credit: 3-6 hours

Students must earn a C or better in HIST 2000.

HIST 2000	Introduction to Historical Methods	3

Upper Level Courses (Credit: 60 hours)

Area I: Required Courses (Credit: 24 hours)

Students must complete the following courses, earning a 'C' or better. Students may take either HIST 4930 or HIST 4940.

HIST 3020	Religions in World History	3
HIST 3480	Europe in the 19th Century	3
HIST 3930	History of Georgia	3
HIST 4010	The Atlantic World	3
HIST 4020	Technology, Environment and Empire	3
HIST 4030	Histories of Colonization	3
HIST 4700	Multicultural America	3
HIST 4930	Research Seminar in American History	3
	OR	
HIST 4940	Research Seminar in Non-US History	3

Area II Major Electives/Concentrations (Credit: 18-27 hours)

At the time of admission or declaration of a History major, students will select one of the four Concentrations below (Generalist, Documentary Film, Public History, or Secondary Education).

Generalist Concentration (Credit: 18 hours)

Choose 9 credits from the US history and 9 credits from Non-US history list.

US History (Credit: 9 hours)

Take 3 courses from the following list, earning a 'C' or better.

HIST 3010	Introduction to Public History	3
HIST 3600	World War I	3
HIST 3610	World War II	3
HIST 3700	History of American Foreign Relations	3
HIST 3710	Colonial America	3
HIST 3720	Revolutionary America	3
HIST 3730	America, 1815-1848	3
HIST 3750	The Civil War and Reconstruction	3
HIST 3760	United States History 1877-1917	3
HIST 3770	United States History 1917-1960	3
HIST 3790	United States History Since 1960	3
HIST 3901	Early African American History	3
HIST 3902	Modern African American History	3
HIST 3903	History of the Civil Rights Movement	3
HIST 3930	History of Georgia	3
HIST 4011	Long Age of Revolutions	3
HIST 4700	Multicultural America	3
HIST 4710	Religion and Politics in American History	3
HIST 4720	History of Religion in America	3
HIST 4740	American Environmental History	3
HIST 4760	Gender, Marriage and Family in American History	3
HIST 4777	Early Native America	3
HIST 4778	Modern Native America	3
HIST 4820	The Old South	3
HIST 4821	The New South	3
HIST 4895	History Internship	3
HIST 4898	Research Practicum I	3

Non-US History (Credit: 9 hours)

Take 3 courses from the following list, earning a 'C' or better.

HIST 3020	Religions in World History	3
HIST 3050	The Ancient Mediterranean	3
HIST 3100	History of Latin America	3
HIST 3150	History of Africa to 1875	3
HIST 3151	History of Africa since 1875	3
HIST 3200	Traditional China	3
HIST 3210	Modern China	3
HIST 3440	Church, State and Society in Medieval Europe	3
HIST 3450	The Crusades	3
HIST 3460	Church, State and Society in the Renaissance and Reformation Era	3
HIST 3470	Church, State and Society in the Age of Enlightenment	3
HIST 3480	Europe in the 19th Century	3
HIST 3490	Europe in the 20th Century	3
HIST 3510	Britain to 1688	3
HIST 3511	Great Britain since 1688	3
HIST 3600	World War I	3
HIST 3610	World War II	3
HIST 4010	The Atlantic World	3
HIST 4011	Long Age of Revolutions	3
HIST 4020	Technology, Environment and Empire	3
HIST 4030	Histories of Colonization	3
HIST 4040	Humans and their Environment since 1945	3
HIST 4221	Premodern Japan	3
HIST 4222	Modern Japan	3
HIST 4290	Modern Russia	3
HIST 4330	Modern Germany	3
HIST 4336	The Holocaust	3
HIST 4310	Medieval Popular Religion	3
HIST 4335	History of Nazi Germany	3
HIST 4899	Research Practicum II	3

Documentary Film Concentration (Credit: 18 hours)

Required Courses (Credit: 12 hours)

Students must complete the following courses, earning a 'C' or better.

NMAC 3145	Introduction to Media Production	3
NMAC 3600	Digital Storytelling	3
NMAC 4450	Documentary Film Production	3
NMAC 4003	Documentary History	3

Electives (Credit: 6 hours)

Any Georgia Film Academy (GFA) course or any 3000- or 4000-level History (HIST) class.

Public History Concentration (Credit: 18 hours)

Students must complete the listed courses with a 'C' or better.

Required Course (Credit: 3 hours)

Students must complete the listed courses with a 'C' or better.

HIST 3010	Introduction to Public History	3

Public History Electives (Credit: 12 hours)

Take 4 courses from the following list, earning a 'C' or better.

HIST 3011	Museum Studies	3
HIST 3012	American Architecture and Historic Preservation	3
HIST 3013	Introduction to Archives	3
HIST 3015	Introduction to Digital History	3
HIST 4100	Material Culture Studies	3
HIST 4110	Historic Site Interpretation	3

Field Courses (Credit: 3 hours)

Take one course from the following list, earning a 'C' or better.

HIST 4110	Historic Site Interpretation	3
HIST 4895	History Internship	3

HIST 4110 may be taken either as a Public History Elective or as a substitute for HIST 4895.

Secondary Education Concentration (Credit: 27 hours)

Students will apply for the Secondary Education Certification track during enrollment in the Methods in Content Area course (EDUC 4130). Admission, progression, and graduation requirements for the track can be found in the Academic Catalog under Secondary Education Certification track.

EDUC 3100	Reading in Multiple Literacies	3
SPED 3110	Introduction to the Exception Learner	3
EDUC 3520	Classroom Management	2 Credits
EDUC 4120	Integrated Secondary Curriculum, Instruction, and Assessment	3
EDUC 4130	Methods in Content Area	4
EDUC 4140	Practicum	3
EDUC 4150	Clinical	9

Area III: Open Electives (Credit: 9-18 hours)

Any course 2000-level or higher in any discipline.
Total Hours: 120

U.S. History (Minor)

The minor in U.S. history allows baccalaureate students majoring in any field other than history the opportunity to pursue an interest in U.S. history beyond that provided in the core curriculum. The program involves a balance of broad thematic courses and courses that are narrowly defined by chronology, and acquaints students with the research tools used by historians to uncover and interpret the past.

Curriculum for the Minor in U.S. History

Required courses (Credit: 3 hours)

HIST 2000	Introduction to Historical Methods	3

Choose two from the following (Credit: 6 hours)

HIST 3710	Colonial America	3
HIST 3720	Revolutionary America	3
HIST 3730	America, 1815-1848	3
HIST 3750	The Civil War and Reconstruction	3
HIST 3760	United States History 1877-1917	3
HIST 3770	United States History 1917-1960	3
HIST 3790	United States History Since 1960	3
HIST 3901	Early African American History	3
HIST 3902	Modern African American History	3
HIST 3930	History of Georgia	3

Choose three from the following (Credit: 9 hours)

HIST 4700	Multicultural America	3
HIST 4710	Religion and Politics in American History	3
HIST 4720	History of Religion in America	3
HIST 4740	American Environmental History	3
HIST 4760	Gender, Marriage and Family in American History	3
HIST 4777	Early Native America	3
HIST 4778	Modern Native America	3
HIST 4820	The Old South	3
HIST 4821	The New South	3

Total Hours: 18

World History (Minor)

The minor in world history offers a balance of European, Asian, African, and Latin American history courses alongside comparative and thematic courses. This program acquaints students with the research tools used by historians to uncover and interpret the past.

Curriculum for the Minor in World History

Required course (Credit: 3 hours)

HIST 2000	Introduction to Historical Methods	3

Choose one from the following (Credit: 3 hours)

HIST 3100	History of Latin America	3
HIST 3150	History of Africa to 1875	3
HIST 3151	History of Africa since 1875	3

Choose one from the following (Credit: 3 hours)

HIST 3200	Traditional China	3
HIST 3210	Modern China	3
HIST 4221	Premodern Japan	3

Choose one from the following (Credit: 3 hours)

HIST 3440	Church, State and Society in Medieval Europe	3
HIST 3460	Church, State and Society in the Renaissance and Reformation Era	3
HIST 3470	Church, State and Society in the Age of Enlightenment	3
HIST 3480	Europe in the 19th Century	3
HIST 3490	Europe in the 20th Century	3
HIST 3510	Britain to 1688	3
HIST 3511	Great Britain since 1688	3

Choose one from the following (Credit: 3 hours)

HIST 4010	The Atlantic World	3
HIST 4020	Technology, Environment and Empire	3
HIST 4030	Histories of Colonization	3
HIST 4040	Humans and their Environment since 1945	3

Choose one from the following (Credit: 3 hours)

HIST 4290	Modern Russia	3
HIST 4330	Modern Germany	3
HIST 4336	The Holocaust	3

Total Hours: 18

Department of Media, Culture, and the Arts

Chair: Dr. Sheree' Keith
The Department of Media, Culture, and the Arts (MCA) is an interdisciplinary unit of the School of Arts & Letters that offers dynamic instruction in a broad array of subjects in the humanities. MCA houses the baccalaureate degrees of Applied Art and Design, Media and Communication, Contemporary Musicianship, and Interdisciplinary Studies; offers minors in Spanish, Film Production, Gender Studies, Cinema Studies, Global Studies, Graphic Design, and Public Relations; and provides associate degrees in Art, Music, and Modern Language. Students may also earn associate degrees with transferability in any of our baccalaureate degrees. The department also features a certificate in Film Production through the Georgia Film Academy. Students of the Department of Media, Culture, and the Arts graduate digitally literate, culturally attuned, critically engaged, and intellectually prepared for the dynamic nature of a twenty-first century economy.

Bachelor of Arts in Applied Art & Design

The BA in Applied Art & Design is a flexible, professionally-oriented curriculum for students who seek employment in an array of creative sectors including graphic design, advertising, computer graphics, publishing, creative web design, and film. The program includes an embedded professional minor in areas such as business, information technology, and professional writing to prepare students for the working world. Optional concentrations in Visual Communication and Film offer students the opportunity to specialize in high-demand areas of employment.

Curriculum for the Bachelor of Arts in Applied Art & Design

Core Curriculum (Credit: 42 hours)

See listing of requirements

Area F Lower Division Major Courses (Credits: 18 Hours)

Required Lower Division Major Courses (Credits: 15 Hours)

Take All of the Following:

ARTS 1010	Drawing I	3
ARTS 1020	2D Design & Color Theory	3
ARTS 1030	3D Design	3
ARTS 2016	Introduction to Computer Arts	3
ARTS 2010	Art History I: Prehistoric to Gothic	3
	OR	
ARTS 2011	Art History II: Renaissance to Present	3

Art Elective (Credits: 3 Hours)

Choose One of the Following:

ARTS 1011	Drawing II	3
ARTS 1012	Computer Illustration	3
ARTS 2015	Photography	3
ARTS 2651	Digital Photography	3
ARTS 2036	Typography l	3
NMAC 2145	Introduction to Media Production	3

Note: Students pursuing the Graphic Design concentration must take ARTS 2036. Students pursuing the film concentration are encouraged to take NMAC 2145.

Upper Level Courses (Credits: 60 Hours)

Required Art Core (24 Hours)

Take All of the Following :

ARTS 2010	Art History I: Prehistoric to Gothic	3
	OR	
ARTS 2011	Art History II: Renaissance to Present	3
ARTS 3013	Sculpture I	3
	OR	
ARTS 3014	Ceramics I	3
ARTS 3017	Graphic Design l	3

ARTS 3020	Figure Drawing	3
ARTS 3321	Painting I	3
ARTS 3431	Printmaking I	3
ARTS 4099	Thematic Inquiry in Contemporary Art & Design	3
ARTS 4900	Senior Portfolio & Exhibition	3

Required Professional Minor or Certificate (Credits: 15-18 Hours)

Students must choose a minor or the Georgia Film Academy Certificate. Minors should be selected with the approval of a faculty advisor. Note: the Business minor may credential students to pursue MGA's MS in Management.

Open Electives (Credits: 18-21 Hours)

Optional Concentrations (Credits: 21 Hours)

Students have the option of using their electives to pursue an applied art concentrations or a general art concentration. Students need to have 120 unique credit hours to graduate. Courses cannot be counted for credit in two places.

Graphic Design Concentration (Credits: 21 Hours)

Graphic Design Core (Credits: 9 Hours)

Take All of the Following:

ARTS 3237	Packaging Design	3
ARTS 3018	Graphic Design ll	3
ARTS 3037	Typography II	3

Graphic Design Elective (Credits: 12 Hours)

Choose Four of the Following:

ARTS 2015	Photography	3
ARTS 2651	Digital Photography	3
ARTS 3245	Motion Graphics	3
ARTS 3465	Illustration	3
NMAC 3651	Digital Photography & Criticism	3
ITEC 3236	Interactive Digital Media	3

Film Concentration (Credits: 21 Hours)

Film Core (Credits: 15 Hours)

Take All of the Following:

NMAC 3600	Digital Storytelling	3
NMAC 4450	Documentary Film Production	3
NMAC 4451	Fiction Film Production	3
NMAC 4481	Film Analysis	3
NMAC 4455	Audiovisual Editing	3

Film Electives (Credits: 6 Hours)

Choose Two of the Following:

NMAC 4001	Film History I	3
NMAC 4002	Film History II	3
NMAC 4440/CRWR 4440	Screenwriting	3
NMAC 4482	Film Theory	3

Painting Concentration (Credits: 21 Hours)

Painting Core (Credits: 12 Hours)

Take all of the following courses

ARTS 3250	Advanced Drawing	3
ARTS 3445	Painting Studio Concepts	3
ARTS 3346	Aqueous Media	3

Selected topics (9 hours)

ARTS 3998 will be taken three times with different topics to complete the painting concentration. The course may be repeated for a maximum of twelve credit hours.

ARTS 3998	Selected Topics in Drawing and Painting	3

Digital Media Concentration (Credits: 21 Hours)

ARTS 3245	Motion Graphics	3
ARTS 3460	Interactive Design	3
ARTS 3455	UX/UI Design	3
ARTS 3465	Illustration	3
ARTS 4038	Web Design for Artists	3
NMAC 3600	Digital Storytelling	3
NMAC 3651	Digital Photography & Criticism	3

Applied Art concentrations are optional. Student who does not choose an Applied Art concentration should select the General Art concentration.
Students must complete 39 semester hours of 3000- or 4000-level coursework to earn the Bachelor's Degree in Applied Art & Design. Students should select both required electives and other electives in consultation with their faculty mentor in order to choose classes that will best prepare the student for career goals.

Music (B.A.)

The B.A. in Music is designed to prepare the practicing musician for the 21st century cultural economy. Students will learn to capitalize on their artistic product through courses in entrepreneurship, and nonprofit management. They will learn to prepare a deliverable for various sectors of the industry through courses in music technology, studio production, song writing, scoring and arranging. The degree also provides ample space for electives, allowing students to tailor the degree to their career goals.
The B.A. in Music has three tracks: industry, performance, and production. The industry track will help students as they prepare for work in the music business, ranging from arts advocacy to the arts nonprofit sector. The performance track includes a choice between two concentrations: classical and commercial. All students will study standard technique through classical repertoire for the first two years. The final two years, students can choose to remain in a classical concentration, or transition to a commercial concentration, where they apply their technical study to various genres ranging from country to R&B to gospel. Consequently, students will acquire an omnicultural musical language that will equip them to move between various cultural marketplaces, and serve a rapidly expanding entertainment sector in Georgia. The production track includes courses in studio recording and mixing. When combined with music courses such as piano and music theory, the production majors will have a music-based foundation for superior work in the studio.
All students enter the Music program through the music industry track. For the first two semesters, there are minimal curriculum differences between the three tracks. Students seeking admission to the performance track will begin applied study in their first semester. At the end of the second semester, students can gain admission to the performance track with a C or better in MUSC 1103 a B or better in MUSA 1112, and the recommendation of their applied instructor. Students seeking admission to the performance track must successfully complete MUSC 1103 and 1104, semester two of the music theory aural skills sequence within the first two attempts. Students seeking admission to the production track must have a B or better in MUSC 1500 and MUSC 2500.
Students who have earned a scholarship via an audition may gain entry to the performance track upon admission to the University.
*Applied music encompasses the areas of instrumental and vocal performance requiring individual studio instruction. Studio instruction is offered in applied music performance courses for two (2) hours of credit. Students must be enrolled in the appropriate ensemble course as well. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Students are expected to practice daily and will come prepared for weekly 60-minute lessons. Enrolled students are also expected to attend and participate in music studio programming and performances throughout the semester. A juried performance completes the semester.

Core Curriculum

See list of requirements

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 12 hours)

MUSC 1000	Foundations of Music Theory	3
MUSC 1101	Elementary Theory I	2
MUSC 1102	Sight-singing/Ear-training I	1

MUSC 1103	Elementary Theory II	2
MUSC 1104	Sight-singing/Ear-training II	1
MUSC 1112	Class Piano Lab I	1
MUSC 1113	Class Piano Lab II	1
MUSC 1500	Foundations in Music Technology	3

Students may study different instruments at the 1000-level, but all applied lessons at the 2000-level or higher should be on the same instrument.

***Students who place out of Elementary Music Theory may take an additional hour of lower-level elective credit, which may be applied to a minor.**

Ensembles (Credit: 3 hours)

Take three of any of the following ensemble classes.

MUSC 1078	Classical Guitar Ensemble	1
MUSC 1080	University Band	1
MUSC 1082	Jazz Ensemble	1
MUSC 1086	Percussion Ensemble	1
MUSC 1090	Chamber Singers	1

Applied Study (Credit: 3 Hours)

MUSA 1111	Lower Level Applied	2
MUSC 2111	Piano Functional Skills III	1
MUSC 2112	Piano Functional Skills IV	1
MUSC 1800	Class Voice I	1
MUSC 1810	Class Voice II	1

To remain in good standing with the program, students must make a C or better in all Area F courses. A student may not take a course a third time without permission from the Music Faculty and the Dean.
Total Credit Hours: 18

Major Area Courses - Common Curriculum (Credit: 21 hours)

These courses are required of all music majors regardless of chosen track of study.

Upper Level Core Classes (Credit: 12 hours)

MUSC 3350	World Music	3
MUSC 4200	Arts Entrepreneurship	3
MUSC 4995	Effective Communication for the Modern Creative	3
MUSC 4999	Senior Capstone	3

Applied Study (Credit:1 Hour)

Students seeking the performance track must select MUSC 2112.
Choose 1

MUSC 2111	Piano Functional Skills III	1
MUSC 2112	Piano Functional Skills IV	1
MUSC 1800	Class Voice I	1
MUSC 1810	Class Voice II	1

Upper Level Ensembles (Credit: 2 hours)

Students should take two ensemble classes at the 3000-level based on area of interest. The same class may be repeated for credit.

MUSC 3070	Commercial Combos	1
MUSC 3078	Guitar Ensemble	1
MUSC 3080	University Band	1
MUSC 3082	Jazz Band	1
MUSC 3086	Percussion Ensemble	1
MUSC 3090	Chamber Singers	1
MUSC 3092	Gospel Chorus	1

Music Business Course (Credit: 3 hours)

Students should select one of the following courses.

MUSC 4250	Survey of the Entertainment Industry	3
MUSC 4260	Arts Nonprofit Management	3

Music History Course (Credit: 3 hours)

Students should select one of the following courses.

MUSC 3321	Music History I	3
MUSC 3322	Music History II	3

Total Credit Hours: 21

Performance Track (Credit: 39 hours)

Please see the program description for details about admission to the performance track. The concentrations for the performance track in the B.A. in Music are delivered in the Upper Level Applied and Upper Level Ensemble courses. There are two concentrations: Classical and Commercial. Students who are accepted into the performance track at the conclusion of MUSA 2111 jury will declare their concentration. Those who opt for the commercial concentration will transition into commercial repertoire during the MUSA 2112 semester, and will have a full immersion in commercial repertoire beginning with MUSA 3111. Students may select a mixed concentration of classical and commercial. Students will consult with their advisor to select upper level ensembles which best support the concentration.

Upper Level Applied: Emphasis (Credit: 14 hours)

Please see the program description for details about admission to the performance track, and the performance track description about the two concentrations: Classical or Commercial.
Students must study the same instrument at the 3000 and 4000 levels.

MUSA 1112	Lower Level Applied	2
MUSA 2111	Lower Level Applied	2
MUSA 2112	Lower Level Applied	2
MUSA 3111	Upper Level Applied	2
MUSA 3112	Upper Level Applied	2
MUSA 4111	Upper Level Applied	2
MUSA 4112	Upper Level Applied	2

Upper Level Emphasis Ensemble (Credit: 2 hours)

Choose 2 hours from the following:

MUSC 3070	Commercial Combos	1
MUSC 3078	Guitar Ensemble	1
MUSC 3080	University Band	1
MUSC 3082	Jazz Band	1
MUSC 3084	Brass Ensemble	1
MUSC 3086	Percussion Ensemble	1
MUSC 3088	Woodwind Ensemble	1
MUSC 3090	Chamber Singers	1
MUSC 3092	Gospel Chorus	1

Theory (Credit: 6 hours)

Students should take these classes during their sophomore year to complete foundational work for success with upper level classes.

MUSC 2201	Intermediate Music Theory I	2
MUSC 2202	Sight Singing / Ear Training III	1
MUSC 2203	Intermediate Music Theory II	2
MUSC 2204	Sight Singing / Ear Training IV	1

Music History (Credit: 3 hours)

Students should choose one of the following courses so long as it is different from the one selected in the upper level core.

MUSC 3321	Music History I	3
MUSC 3322	Music History II	3

Open Electives (Credit: 14-15 hours*)

Students should consult with an advisor to select electives that align with career goals. Students are encouraged to take a professional minor or Georgia Film Academy course work.
*Students who have placed out of music 1000 will have an additional hour of lower level credit available here.
Students must complete at least 39 semester hours of upper level classes in their degree program.
Total Credit Hours: 39

Industry Track (Credit: 39 hours)

Students pursuing the Industry Track are preparing for careers in the music business that includes working for publishers, recording studios, artistic nonprofits, music distributors, music travel companies, etc.

Required Professional Minor or Certificate (Credit: 15-18 hours)

Minors in Public Relations, Business, Professional Writing, or Information Technology are recommended.
Students with significant transfer credit in a concentrated area may use the University petition process to seek an exception to the requirement for a minor.
Notes: Students must complete at least 39 semester hours of upper level classes.
Total Credit Hours: 39

Music Business Courses (Credit: 6 hours)

Students should select one of the following courses. *This course should be different from the one taken in the upper level core.*

MUSC 4250	Survey of the Entertainment Industry	3
MUSC 4260	Arts Nonprofit Management	3

Choose one of the following courses or petition transfer credit for this requirement.

ACCT 2000	Survey of Accounting	3
BUSA 2201	Business Information Applications	3
ITEC 2201	Business Information Applications	3

Music Elective (Credits: 3 Hours)

Choose one of the MUSC following. Course should be different than the one selected to satisfy the core 21 hours.

MUSC 3100	Contemporary Scoring and Arranging	3
MUSC 3800	Contemporary Songwriting	3
MUSC 2500	Commercial Music Lab	3
MUSC 4100	Recording Studio Fundamentals	3

Open Electives (Credit: 12-16 hours*)

Though the student may select any courses for this requirement, there is a 39 semester hour requirement of upper level classes for graduation. Student should discuss career goals with their advisor to help with this selection. In some cases, a second minor is advantageous.
*Students who have placed out of music 1000 will have an additional hour of lower level credit available here.
Total Semester Credit Hours: 120

Interdisciplinary Studies (B.A.)

The Bachelor of Arts Degree in Interdisciplinary Studies (IDS) offers rigorous but flexible curricula that allow students to design their own programs of study and pursue an education that builds on their unique interests, backgrounds, and career goals. The IDS program is appropriate for students who have prior educational credit or for those just beginning their university experience. IDS students complete an interdisciplinary core that emphasizes critical thinking and communication skills, fosters cultural understanding, and engages them in both interdisciplinary theory and practice. In addition to the core requirements, students complete at least 15 hours of course work in a concentration. IDS also offers an IMETA overlay with an emphasis on interactive media, technology and the arts and prepares students for 21st century jobs in the art and technology.

IDS graduates are among the most broadly educated on Middle Georgia State's campuses, and they are attractive to employers as workers who can communicate effectively, adapt well to change, demonstrate intercultural understanding, and apply creative solutions to complicated problems.

IDS degree paths:

Selected Discipline Concentration (Credit: 15 hours)

A traditional interdisciplinary degree that offers concentrations in a Single Discipline, Liberal Arts, Media and Communication Concentration, Education Concentration, Business Health & Human Services, Arts, Social Sciences or STEM. These concentrations are comprised of 15 hours of upper level courses.

Integrated Media, Technology, and Arts (IMETA) Pathway (Credit: 21 Hours)
This IMETA overlay fits within the parameters of the IDS degree and gives students a strong, interdisciplinary foundation in Integrated Media, Technology, and Arts. Students take prescribed Area F IDS core courses and choose at least one of the following IMETA tracks: Film Production; Integrated Media & Game Design; Music Production; Web Development; and Theatre Production. The IMETA overlay requires prescribed courses in Area F, prescribed courses in the upper level IDS core, and additional required IMETA upper-level core courses. The program also includes 21 hours of open electives.

Students must earn a grade of "C" or higher in Area F and all upper-level coursework.
Up to 8 hours of Area B credit can be applied to the degree.

Note: The Interdisciplinary Studies Program of Study requires a minimum of 39 hours of upper-level course work (3000/4000 level).

Curriculum for the Bachelor of Arts in Interdisciplinary Studies

Core Curriculum (Credit: 42 hours)

See listing of requirements
This area F is specific to the selected concentration option. The iMeta overly may be found below in the iMeta course sequence.

Area F: Lower Division Major Requirements (Credit: 18 hours)

ARTS 2016	Introduction to Computer Arts	3
	OR	
ITEC 2215	Introduction to Information Technology	3
	OR	
NMAC 2145	Introduction to Media Production	3
	AND	
	Any 1000-2000 Electives	3 hours
	Any 1000-2000 Electives	3 hours
	Any 1000-2000 Electives	3 hours
	Any 1000-2000 Electives	3 hours
	Any 1000-2000 Electives	3 hours

No courses already applied in Areas A-E may be applied in Area F.

Upper-level courses (Credit: 60 hours)

Upper-level courses in the traditional Interdisciplinary Studies are divided into three areas: Interdisciplinary Studies Core (18 hours), Interdisciplinary Concentration (15 hours), and Interdisciplinary Electives (27 hours). Students must complete at least 39 semester hours of upper level course work.

Interdisciplinary Studies Core (Credit: 18 hours)

Foundations of Writing: Choose One

Note: NMAC 3108 is required for al iMeta students.

NMAC 3108	Writing for Digital Media	3
PFWR 3160	Introduction to Professional Writing	3
PFWR 3170	Practical Workplace Writing	3

Critical and Cultural Studies (Credit: 6 Hours)

Note: HUMN 4500 Digital Humanities is required for all iMeta students.
HUMN 3999 & any 3000- or 4000-level COMM, ENGL, HIST, HUMN, IDS, or MUSC class.

HUMN 3999	Special Topics	3

Note: A 3000- or 4000-level class with a critical and cultural studies focus can be substituted with the approval of the program coordinator.

Theory and Analysis (Credit: 3 Hours)

BIOL 3110	Scientific Thought and Theory	3
COMM 3010	Communication Theory	3
ENGL 3010	Gateway to Literary Studies	3
HUMN 3010	Introduction to Cultural Studies	3
ITEC 3405	Creativity & Innovation	3
MUSC 4110	Mixing Philosophy	3
NMAC 3460	Media Criticism	3
NMAC 4481	Film Analysis	3
NMAC 4482	Film Theory	3
PSYC 3277	Personality Theory	3
THEA 3223	SCRIPT ANALYSIS I	3

Note: A 3000- or 4000-level theory and analysis class can be substituted with the approval of the program coordinator.

Interdisciplinary Studies Praxis Course (Credit: 3 Hours)

Students may take HUMN 3999 twice as long as the two courses cover different topics.
ARTS 3460 or ITEC 3236 is required for all iMeta students. ITEC 3236 is required for all Integrated Media & Game Design students.

ARTS 3460	Interactive Design	3
HUMN 3501	Topics in Linguistics & Culture	3
HUMN 3999	Special Topics	3
IDS 4010	Gender, Media, and Culture	3
IDS 4020	Science, Politics, and Culture	3
IDS 4030	Special Topics in Culture	3
IDS 4040	Fashion, Literature, and Culture	3
IDS 4050	Performance, Literature, and Culture	3
IDS 4060	Madness, Literature, and Culture	3
IDS 4070	Organizations, Technology, and Culture	3
IDS 4080	Sports, Media, and Culture	3
IDS 4999	Special Topics in Culture	3
ITEC 3236	Interactive Digital Media	3

Required: Interdisciplinary Studies Methods (Credit: 3 Hours)

IDS 3800	Methods in Interdisciplinary Studies	3

Selected Discipline Concentration (Credit: 15 hours)

The Interdisciplinary Studies Degree requires students to complete a concentration of five (5) 3000-4000 level electives in an area to be selected with the guidance of an advisor.

Choose between the following concentration options:

A. A Single Discipline Concentration: 15 hours of courses from any one discipline at the 3000- or 4000- level.

B. A Liberal Arts Concentration: 15 hours of 3000- or 4000-level courses with the following prefixes: CRWR, ENGL, FREN, HIST, HUMN, IDS, PHIL, SPAN

C. A Media and Communication Concentration: 15 hours of 3000- or 4000-level courses with the following prefixes: COMM, CRWR, GFA, FILM, MCOM, NMAC, PFWR.

D. An Education Concentration: 15 hours of 3000- or 4000-level courses with the following prefixes: EDUC, ESE, ISCI, SCIE, SPED.
* Note: Only Education majors can take 3000- and 4000-level education courses at Middle Georgia State University.

E. A Business Concentration: 15 hours of 3000- or 4000-level courses with the following prefixes: ACCT, BUSA, BMGT, BMKT, ECON, FINA, FTA, LEAD, LENB, MGMT, MKTG, SCM, SMGT.

F. A Health & Human Services Concentration: 15 hours of 3000- or 4000-level courses with the following prefixes: HLSA, HS, HLTH, PBSV, NURS, OCTA, RHAB, RESP, SOCW.
* Note: Only Nursing majors can take 3000- and 4000-level Nursing courses at Middle Georgia State University.
* Note: Only Respiratory Therapy majors can take 3000- and 4000-level Respiratory Therapy courses at Middle Georgia State University.
* Note: Only Rehabilitation Science majors can take 3000- and 4000-level Rehabilitation Science courses at Middle Georgia State University.
* Note: Only Occupational Therapy majors can take 3000- and 4000-level Occupational Therapy courses at Middle Georgia State University.

G. An Arts Concentration: 15 hours of 3000- or 4000-level courses with the following prefixes: ARTS, CRWR, FILM, GFA, MUSA, MUSC, THEA.

H. A Social Sciences Concentration: 15 hours of 3000- or 4000-level courses with the following prefixes: ABA, ANTH, CRJU, EURO, PBSV, POLS, PSYC, SOCI, SOCW, SSCI.
I. A STEM Concentration: 15 hours of 3000- or 4000-level courses with the following prefixes: ASTR, ACES, AERO, AMGT, AMKT, AMTP, ASPC, ASTP, ATCM, AVIA, AVNC, BIOL, CHEM, CSCI, ENGR, ENVS, GEOL, ITEC, MATH, PHYS.
Note: Additional classes may be added to a concentration with approval of the program coordinator.

Integrated Media, Technology, and Arts (IMETA) Pathway

This pathway is an overlay on the Interdisciplinary Studies BA that gives students the opportunity to study integrated media technology and arts. Students must choose at least one of the following IMETA tracks: Film Production; Integrated Media & Game Design; Music Production; Web Development; and Theatre Production. The IMETA overlay requires prescribed courses in Area F, prescribed courses in the upper level IDS core, and additional required IMETA upper-level core courses. The program also includes 21 hours of open electives.

Area F: IMETA Track Lower Division Major Requirements (Credit: 18 Hours)

Required (Credit: 6 hours)

Note: ITEC 2215 is required for all Integrated Media and Game Design and Web Development tracks.

ITEC 2215	Introduction to Information Technology	3
	OR	
NMAC 2145	Introduction to Media Production	3
	AND	
ARTS 2016	Introduction to Computer Arts	3

Electives (Credit: 9 hours)

Notes: THEA 2305 & THEA 2400 are both required for IMETA Theater Production track.
MUSC 1500 is required for IMETA Music Production track.

CRWR 2105	Introduction to Creative Writing	3
ITEC 2215	Introduction to Information Technology	3
NMAC 2145	Introduction to Media Production	3
MUSC 1500	Foundations in Music Technology	3
THEA 2305	Elements of Theatrical Design	3
THEA 2400	Beginning Acting	3

Open Elective (3 Hours)

Choose any 1000 or 2000 level course to complete Area F

Integrated Media, Technology, and Arts (IMETA) Upper Level Core (18 hours)

Foundations of Writing (Credit: 6 Hours)

NMAC 3108	Writing for Digital Media	3

Critical and Cultural Studies (Credit: 6 Hours)

HUMN 3999	Special Topics	3
HUMN 4500	Digital Humanities	3

Theory and Methods (Credits: 3 Hours)

COMM 3010	Communication Theory	3
ENGL 3010	Gateway to Literary Studies	3
HUMN 3010	Introduction to Cultural Studies	3
BIOL 3110	Scientific Thought and Theory	3
ITEC 3405	Creativity & Innovation	3
NMAC 3460	Media Criticism	3
NMAC 4481	Film Analysis	3
NMAC 4482	Film Theory	3
MUSC 4110	Mixing Philosophy	3
PSYC 3277	Personality Theory	3
THEA 3223	SCRIPT ANALYSIS I	3

ITEC 3405 is required for students in the Web Development Track. NMAC 4481 is required for students in the Film Production Track. MUSC 4110 is required for students in the Music Production Track.

Interdisciplinary Studies Praxis Courses (3 credits)

Choose one of the following:

ARTS 3460	Interactive Design	3
ITEC 3236	Interactive Digital Media	3

ITEC 3460 is required for Integrated Media and Game Design track

Interdisciplinary Studies Methods Required

IDS 3800	Methods in Interdisciplinary Research	3

IMETA Upper Level: Additional Required Core Courses (Credit: 9 hours)

NMAC 3600	Digital Storytelling	3
ARTS 3455	UX/UI Design	3
ARTS 3460	Interactive Design	3

IMETA Required Elective (Credit: 3 Hours)

MUSC 2500 is required for Music Production track.
THEA 2401 is required for Theater Production track.
ARTS 3245 is recommended for Integrated Media & Game Design track.

MUSC 2500	Commercial Music Lab	3
THEA 2401	Advanced Acting	3
ARTS 3245	Motion Graphics	3
NMAC 3500	Podcasting and Sound Design	3

Students must choose from one of the following IMETA tracks. Students can choose two tracks if they desire.

Film production (Credit: 12 Hours)

NMAC 4481 is part of Film Production track and it is fulfilled in the Theory and Analysis requirement.

NMAC 4450	Documentary Film Production	3
NMAC 4451	Fiction Film Production	3
NMAC 4455	Audiovisual Editing	3
NMAC 4440/CRWR 4440	Screenwriting	3

Integrated Media & Game Design (Credit: 12 Hours)

ITEC 3236 is part of the Integrated Media & Game Design track and is fulfilled in the IDS Praxis requirement.

ITEC 4230	Graphic Imaging	3
ITEC 4237	3D Modeling and Animation	3
ITEC 4238	2D Computer Animation	3
ITEC 4255	Game Design and Development	3

Music Production (Credit: 15 Hours or 17 Hours)

MUSC 4110 is part of the Music Production track and is fulfilled in the Theory and Analysis requirement.

MUSC 1000	Foundations of Music Theory	3
	OR	
MUSC 1112	Class Piano Lab I	1
	AND	
MUSC 1101	Elementary Theory I	2
MUSC 2500	Commercial Music Lab	3
MUSC 4100	Recording Studio Fundamentals	3
MUSC 4120	Advanced Recording Techniques	3
MUSC 4150	Sound Reinforcement	2

Web Development (Credit: 12 Hours)

ITEC 3405 is also part of the Web Development track and is fulfilled in the Theory and Analysis requirement.

ITEC 2380	Web Development	3
ITEC 3280	Web Programming	3
ITEC 4286	Web Applications Development	3
ITEC 4366	Advanced Web Development	3

Theater Production (Credit: 12 Hours)

THEA 3223 is also part of the Theater Production track and is fulfilled in the Theory and Analysis requirement.

Required (Credit: 3 Hours)

THEA 3510	Scenic Design Studio	3

Elective 1 (Credit: 3 hours)

CRWR 3800	Playwriting	3
THEA 3201	Directing I	3
THEA 3301	STAGE MANAGEMENT	3

Electives 2 (Credit: 6 hours)

THEA 3520	Costume Design Studio	3
THEA 3540	Sound Design Studio	3
THEA 4000	Topics in Theater Design/Technology	3

Open Electives (Credit: 18)

The Interdisciplinary Studies for IMETA requires 21 credit hours of elective course work (18 at the upper level, 3 in Area F). Students can receive no more than twenty-one (21) credit hours of lower division (1000/2000) credit outside of Areas A-F.
Students are strongly encouraged to choose one of the minors offered at MGA to complete their curriculum or a second IMETA track. Check the catalog for a complete listing of minors but some available minors are: Professional Writing, Creative Writing, Spanish, U.S. History, World History, Global Studies, Film Production, Cinema Studies, Public Relations, Graphic Design. Students can also earn the 18 hour certificate from the Georgia Film Academy.
Note: A student cannot do a concentration and a minor in the same discipline.
Total Hours: 120

Media and Communication (B.A.)

The Bachelor of Arts in Media and Communication trains students in digital and traditional communication, giving them the opportunity to critically engage and creatively participate in the culture of mass media. Students take classes in a) Media and Communication Theory; b) Media Production; and c) Communication and Culture. By providing students with skills in technology and communications and by giving them an understanding of the cultural forces that shape our world, the media and communication program addresses the need for professionals in a global, technology-driven economy. The program prepares students for creative careers in areas such as web design, public relations, advertising, journalism, and video production.
Freshmen can enter the program through any major. Before they have completed sixty hours of coursework, however, students must earn at least a "C" in the following courses: COMM 1110, COMM 2202, MCOM 2131, and NMAC 2145.
Note: Students must earn a grade of "C" or higher in Area F and all upper-level coursework.

Curriculum for Bachelor of Arts in Media and Communication

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

A grade of at least a "C" in the following:

COMM 1110	Public Speaking	3
COMM 2202	Introduction to Mass Communication	3
	OR	
MCOM 2200	Introduction to Public Relations	3

NMAC 2108	Introduction to Social Media	3
MCOM 2131	News Writing and Reporting	3
NMAC 2145	Introduction to Media Production	3
	Any approved Area C-F Course Credit: 3 hours	

Note: Students in the Public Relations track must take MCOM 2200.

Upper Level Courses (Credit: 60 hours)

Students must earn a C or better in all of the following courses.

Required Upper Level Core (Credit: 24 hours)

COMM 3010	Communication Theory	3
COMM 3050	Persuasion & Strategic Communication	3
NMAC 3010	Media Ethics	3
NMAC 3460	Media Criticism	3
NMAC 3108	Writing for Digital Media	3
NMAC 3600	Digital Storytelling	3
NMAC 3500	Podcasting and Sound Design	3
	OR	
NMAC 3651	Digital Photography & Criticism	3
NMAC 4483	Capstone Professional Portfolio	3
	OR	
NMAC 4483H	Honors Capstone Professional Portfolio	3

Concentration (18 hours)

Students need to choose a concentration in general media and communication, film production, public relations, or sports broadcasting production.

Generalist Concentration (18 hours)

Choose Any 6 of the Media & Communication Electives Listed Below

COMM 3015	Intercultural Communication in a Global Society	3
COMM 3030	Visual Communication	3
COMM 4000	Rhetoric and Argumentation	3
HUMN 3206	Topics in Gender Studies	3
HUMN 3999	Special Topics	3
HUMN 4340	Introduction to Ethics	3
MCOM 3030	Public Relations Strategy and Tactics	3
MCOM 4030	Crisis Management and Social Media Engagement	3
MCOM 4035	Social Media Analytics	3
MCOM 4040	Public Relations Campaign Planning	3
NMAC 4001	Film History I	3
NMAC 4002	Film History II	3
NMAC 4003	Documentary History	3
NMAC 4440/CRWR 4440	Screenwriting	3
NMAC 4481	Film Analysis	3
NMAC 3999	Special Topics	3
NMAC 4482	Film Theory	3
MCOM 3131	Newswriting Practicum: Print and TV News Production	3
MCOM 3141	Sports Broadcast News Writing Practicum - Print & TV Sports Reporting	3
NMAC 3500	Podcasting and Sound Design	3
NMAC 3651	Digital Photography & Criticism	3
NMAC 4450	Documentary Film Production	3

NMAC 4451	Fiction Film Production	3
NMAC 4452	Sports Documentary Film Production	3
NMAC 4470	Student Editor Internship	3
NMAC 4471	Off Campus Internship	3
NMAC 4472	Sports Broadcasting Internship	3

Sports Broadcasting Production Concentration (Credit: 18 hours)

IDS 4080	Sports, Media, and Culture	3
MCOM 3030	Public Relations Strategy and Tactics	3
MCOM 3141	Sports Broadcast News Writing Practicum - Print & TV Sports Reporting	3
NMAC 4452	Sports Documentary Film Production	3
NMAC 4472	Sports Broadcasting Internship	3
	AND	

Choose one elective from the Media & Communication Electives listed above.

Public Relations Concentration (Credit: 18 hours)

MCOM 3030	Public Relations Strategy and Tactics	3
MCOM 3131	Newswriting Practicum: Print and TV News Production	3
MCOM 4030	Crisis Management and Social Media Engagement	3
MCOM 4035	Social Media Analytics	3
	AND	
MCOM 4040	Public Relations Campaign Planning	3

Choose one elective from the Media & Communication Electives listed above.

Film Production Concentration (Credit: 18 hours)

NMAC 4450	Documentary Film Production	3
NMAC 4451	Fiction Film Production	3
NMAC 4455	Audiovisual Editing	3
NMAC 4440/CRWR 4440	Screenwriting	3
NMAC 4481	Film Analysis	3

Choose one of the following:

NMAC 4001	Film History I	3
NMAC 4002	Film History II	3
NMAC 4003	Documentary History	3
NMAC 4482	Film Theory	3

Electives (Credit: 18 hours)

Students must choose 18 hours from the MGA catalog. Students are highly encouraged to speak with an advisor and consider internship courses such as NMAC 4470, NMAC 4471 and NMAC 4472 and/or courses offered through the Georgia Film Academy. Students have to have at least 39 hours of 3000/4000 level courses.
Total Hours: 120

Art (A.A.)

The Art program is dedicated to the creative and personal growth of every student. The courses are designed to give students a solid foundation in the elements and principles of design that will prepare them for more advanced studies. Our program establishes students with a strong understanding of realism before introducing more abstract and conceptual forms of art.

Curriculum for the Associate of Arts in Art

Core Curriculum (Credit: 42 hours)

See listing of requirements

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field
A grade of at least a "C" in the following:

Required Lower Division Major Courses (Credit: 15 hours)

ARTS 1010	Drawing I	3
ARTS 1020	2D Design & Color Theory	3
ARTS 1030	3D Design	3
ARTS 2016	Introduction to Computer Arts	3
ARTS 2010	Art History I: Prehistoric to Gothic	3
	OR	
ARTS 2011	Art History II: Renaissance to Present	3

Elective Chosen in Consultation with an Advisor (Credit: 3 hours)

ARTS 1011	Drawing II	3
ARTS 1012	Computer Illustration	3
ARTS 2015	Photography	3
ARTS 2036	Typography l	3
ARTS 2651	Digital Photography	3
NMAC 2145	Introduction to Media Production	3

Total Hours: 60

Modern Languages (A.A.)

The language curriculum emphasizes cultural awareness along with written and oral communication skills. Learning another language helps students develop cultural competency, critical thinking skills, and allows them to see the world from a different perspective. Whether you seek a career in health services, business, education, law, new media, politics, or economics, knowledge of a different language and culture will make you stand out in the job market. Students interested in the study of a different language and culture are encouraged to participate in a Study Abroad program.
MGA offers an Associate's degree in Modern Languages (French or Spanish track), a Minor in Spanish, and an IDS concentration in Spanish, and Liberal Arts (with options to take French and Spanish classes).

Curriculum for the Associate of Arts in Modern Languages

Core Curriculum (Credit: 42 hours)

See listing of requirements

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field (Credit: 12 hours)

All students will complete a mandatory 12-hour sequencing of language courses in one of the following language courses: Spanish or French

	1001 Elementary I	3
	1002 Elementary II	3
	OR	
SPAN 1005	Accelerated Elementary Spanish	3
	2001 Intermediate I	3
	2002 Intermediate II	3

Note: Students may receive credit by taking the actual course, the departmental exam for Spanish or French, or the CLEP exam for these required courses.
Limitations Note: This course can be used to meet CPC requirements or as elective credit. Students who have completed two or more years of high school French or Spanish should refer to the placement policy for language courses.

Note: Students taking SPAN 1005 will have a 9-hour Spanish language sequence and will take an additional elective.

Open Electives (Credit: 6 hours or 9 hours)

Choose two 1000- or 2000-level courses.
If taking SPAN 1005, choose three 1000- or 2000-level courses.
Total Hours: 60

Music (A.A.)

The Associate's Degree in Music includes courses in music theory, aural skills, ensembles, and applied lessons. Students will select from a comprehensive list of instruments for private study, including brass, winds, percussion, voice, piano, bass, and guitar. Students will also participate in ensembles which complement and enhance developing skills in the applied area. Upon completion of the Associate's degree, students are well equipped to work towards the baccalaureate degree in music, other allied disciplines, or our B.A. in Interdisciplinary Studies.

Curriculum for the Associate of Arts in Music

Core Curriculum (Credit: 42 hours)

See listing of requirements

Area F: Lower Division Major Requirements (18 hours)

Major Field

Required Courses (Credit: 12 hours)

MUSC 1000	Foundations of Music Theory	3
MUSC 1101	Elementary Theory I	2
MUSC 1102	Sight-singing/Ear-training I	1
MUSC 1103	Elementary Theory II	2
MUSC 1104	Sight-singing/Ear-training II	1
MUSC 1112	Class Piano Lab I	1
MUSC 1113	Class Piano Lab II	1
MUSC 1500	Foundations in Music Technology	3

***Students who place out of Elementary Music Theory may take an additional hour of lower-level elective credit, which may be applied to a minor.**

Ensembles (Credit: 3 hours)

Take three of any of the following ensemble classes.

MUSC 1078	Classical Guitar Ensemble	1
MUSC 1080	University Band	1
MUSC 1082	Jazz Ensemble	1
MUSC 1086	Percussion Ensemble	1
MUSC 1090	Chamber Singers	1

Applied Study (Credit: 3 Hours)

Select 3 credit hours from the following. Students seeking the performance track must select MUSA 1111 and MUSC 2111.
*Applied music encompasses the areas of instrumental and vocal performance requiring individual studio instruction. Studio instruction is offered in applied music performance courses for two (2) hours of credit. Students must be enrolled in the appropriate ensemble course as well. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Students are expected to practice daily and will come prepared for weekly 60-minute lessons. Enrolled students are also expected to attend and participate in music studio programming and performances throughout the semester. A juried performance completes the semester.

MUSA 1111	Lower Level Applied	2
MUSC 2111	Piano Functional Skills III	1
MUSC 2112	Piano Functional Skills IV	1
MUSC 1800	Class Voice I	1
MUSC 1810	Class Voice II	1

To remain in good standing with the program, students must make a C or better in all Area F courses. Except for ensembles, a student may not take a course a third time without permission from the Music Faculty and the Dean.
Total Credit Hours: 18
Total Hours: 60

Associate of Arts Core Curriculum

Student may earn the Associate of Arts, Core Curriculum by completing areas A-F, including Area D for non-science majors.
Note: Area F can be composed of any combination of Area F classes.

Certificate in Film Production

The Certificate in Film Production engages students in courses that build knowledge and skills in the production of film and video, screenwriting, film aesthetics, and post-production for various media outlets. Students learn the art of cinematic storytelling, image design, and sound editing, along with advanced post-production techniques and strategies within the broader field of film and video production genres.

The Certificate in Film Production is an embedded certificate that can only be obtained in conjunction with a baccalaureate degree.

Curriculum For The Certificate In Film Production

Choose one of the following three paths for certification.

Film and Television Post-Production Certification (18 hours)

Take this course (6 hours)

GFA 1040	Introduction to Film & Television Post-Production	6

Choose one of the following options

Option 1

Choose on of the following sequences:

GFA 2040	Fundamentals of Editing with Avid Media Composer 100	6
	AND	
GFA 4040	Advanced Editing with Avid Media Composer 200	6
	OR	
GFA 3140	Introduction to Sound Design with Avid Pro Tools 100	6
	AND	
GFA 4140	Advanced Sound Design with Avid Pro Tools 200	6

Option 2

Take either GFA 2040 or GFA 3140 and a GFA Internship. Internships are by application only. (12 hours)

GFA 2040	Fundamentals of Editing with Avid Media Composer 100	6
	OR	
GFA 3140	Introduction to Sound Design with Avid Pro Tools 100	6
	AND	
GFA 2000	Film, Television, & Digital Entertainment Internship	6
	OR	
GFA 4000	Film, Television & Digital Entertainment Apprenticeship	6

Digital Entertainment, ESPORTS, & Game Development Certification (18 hours)

Take this course (6 hours)

GFA 1500	Introduction to Digital Entertainment, Esports &	6

	Game Development	

Choose two of the following courses 12 hours

Internships are by application only.

GFA 2510	Event Management for Digital Entertainment & Esports	6
GFA 2520	Hosting & Casting for Digital Entertainment & Esports	6
GFA 2000	Film, Television, & Digital Entertainment Internship	6
	OR	
GFA 4000	Film, Television & Digital Entertainment Apprenticeship	6

Film and Television Production Certification (18 Hours)

Take this course.

GFA 1000	Introduction to Film & Television Post-Production	6

Choose two of the following (Credit: 12 hours)

Internships are by application only.

GFA 2010	Set Construction & Scenic Painting	6
GFA 2020	Lighting and Electric	6
GFA 2030	Grip & Rigging	6
GFA 2050	Introduction to Special Makeup Effects	6
GFA 2060	Production Accounting & Office Management	6
GFA 2000	Film, Television, & Digital Entertainment Internship	6
	OR	
GFA 4000	Film, Television & Digital Entertainment Apprenticeship	6

Total Hours: 18

Certificate in Spanish

Curriculum for the Certificate in Spanish

As American culture becomes increasingly diverse and the Spanish-speaking population grows, the study of Hispanic culture and its language is more and more necessary. The certificate is ideal for students planning for or already in careers in education, government, business, hospitality, management, healthcare, law enforcement, social work, and aviation.
Note: A grade of 'C' or better is required in all the courses for the certificate.

Required Courses (Credit: 12 hours)

SPAN 1001	Elementary Spanish I	3
	AND	
SPAN 1002	Elementary Spanish II	3
	OR	
SPAN 1005	Accelerated Elementary Spanish	3
	AND	
	Any literature or language course	
SPAN 2001	Intermediate Spanish I	3
SPAN 2002	Intermediate Spanish II	3

Students can take the SPAN 1001-SPAN 1002 sequence or the accelerated SPAN 1005 and any literature or language course.
See placement policy for language classes.

Upper-Level Elective (Credit: 3 hours)

SPAN 3001	Grammar and Composition	3
	OR	
SPAN 3003	Conversation I	3

Minor in Cinema Studies

Students with a minor in Cinema Studies will focus on the history, theory, and criticism of motion pictures and related media, examining cinema as both an art form and as a form of mass culture. Students will develop a dynamic understanding of film that can prepare them for careers in media, creative, and visual industries.

Cinema Studies Minor (15 hours)

Required Courses

NMAC 4001	Film History I	3
NMAC 4002	Film History II	3
NMAC 4003	Documentary History	3
NMAC 4481	Film Analysis	3
NMAC 4482	Film Theory	3

Film Production (Minor)

The minor in Film Production prepares filmmakers for the rapidly changing film and television industry. Film production courses emphasize storytelling and screenwriting while continually developing the student's technical expertise in videography and editing. The minor is appropriate for both beginning and intermediate students, and provides a platform of skills on which to develop a student's expertise for the burgeoning entertainment industry. The minor in Film Production is available to undergraduates enrolled in any discipline or program.

Film Production Minor

Required Courses (Credit: 9 Hours)

Students must complete all of these courses with a "C" or better.

NMAC 2145	Introduction to Media Production	3
NMAC 3600	Digital Storytelling	3
NMAC 4455	Audiovisual Editing	3

Required Production Course (Credit: 3 hours)

Students must complete one of the following courses with a "C" or better.

NMAC 4450	Documentary Film Production	3
NMAC 4451	Fiction Film Production	3

Required Elective (Credit: 3 hours)

Students must complete one of the following courses with a "C" or better. Students can take either NMAC 4450 or NMAC 4451, if they have not already taken it to satisfy the above requirement, to complete the minor.

NMAC 4450	Documentary Film Production	3
	OR	
NMAC 4451	Fiction Film Production	3
FILM 1100	Introduction to On-Set Film Production I	6
CRWR 4440/NMAC 4440	Screenwriting	3
NMAC 4001	Film History I	3
NMAC 4002	Film History II	3
NMAC 4481	Film Analysis	3
NMAC 4440/CRWR 4440	Screenwriting	3

Students may not take both NMAC 4440 and CRWR 4440 toward any degree program as these classes are cross listed.

Total Hours: 15

Gender Studies (Minor)

The minor in Gender Studies provides a rich, interdisciplinary range of reading and scholarship in those questions of gender that shape culture. Courses are taught by specialists in a myriad of disciplines to provide a well-rounded education in gender and its effects. Greater understanding of the role that gender plays in our lives, law, and culture is useful to a wide range of disciplines and professions. Students planning for careers in education, business, management, or medicine will find the history and legality of gendered relations an especially important addition to their education. The minor in Gender Studies is available to undergraduates enrolled in any discipline or program other than Interdisciplinary Studies.

Curriculum for the Minor in Gender Studies

Required Courses (Credit: 3 hours)

HUMN 3206	Topics in Gender Studies	3

Take the following (Credit: 12 hours)

ENGL 4440	Literature by Women	3
IDS 4010	Gender, Media, and Culture	3
HIST 4760	Gender, Marriage and Family in American History	3
COMM 3016	Gender Roles and Communication	3

Note: Any 3000-level Humanities or English course may also be substituted at the discretion of the Advisor with documentation of a gendered focus in the class. Credit: 3 hours
Total Hours: 15

Minor in Graphic Design

The Graphic Design minor is designed for students who are looking to complement their major with foundational understanding and practical experience in visual communication. This minor offers students the opportunity to have exposure to concepts, vocabulary, and methods of the discipline of graphic design and to then put this knowledge into practice. The minor in Graphic Design is available to undergraduates enrolled in any discipline or program other than the BA in Arts and Applied Design.

Minor in Graphic Design

Required Courses (Credit: 15 Hours)

Students must obtain a 'C' or better in the following courses

ARTS 2016	Introduction to Computer Arts	3
ARTS 2036	Typography l	3
ARTS 3017	Graphic Design l	3
ARTS 3018	Graphic Design ll	3
ARTS 3037	Typography II	3

Total Hours: 15

Minor in Public Relations

Students minoring in public relations develop a skillset which includes public relations writing, organizational communication via social media, tactics to promote corporate social responsibility, crisis communication, the art of persuasion, campaigning strategies, and more. Public relations practitioners cultivate and maintain mutually beneficial relationships between an organization and its publics. Practitioners are trusted counsel who advise executives, engage employees, and build public trust. The minor in Public Relations is available to undergraduates enrolled in any discipline or program other than Media and Communication. A public relations concentration is available to students already enrolled in the Media and Communication undergraduate program.

Minor in Public Relations

Required Courses (15 hours)

Students must obtain a 'C' or better in all of the minor course work

MCOM 2131	News Writing and Reporting	3
MCOM 2200	Introduction to Public Relations	3

NMAC 2108	Introduction to Social Media	3
MCOM 3030	Public Relations Strategy and Tactics	3

Required Electives (3 hours)

Take one course from the following list:

COMM 3050	Persuasion & Strategic Communication	3
MCOM 4030	Crisis Management and Social Media Engagement	3
MCOM 4035	Social Media Analytics	3
MCOM 4040	Public Relations Campaign Planning	3

Spanish (Minor)

As American culture becomes increasingly diverse and the Spanish-speaking population grows, the study of Hispanic culture and its language is more and more necessary. The courses in the Spanish minor are taught by specialists to provide an even greater depth of concentration than is offered by the associate's degree in Spanish. Students planning for careers in education, government, business, management, healthcare, law enforcement, social work, and aviation will find this minor especially helpful as a complement to their major. The minor in Spanish is available to undergraduates enrolled in any discipline or program other than Interdisciplinary Studies.

Curriculum for the Minor in Spanish

A grade of 'C' or better is required in all the courses for the Minor.

Required Courses (Credit: 15 hours)

SPAN 1002	Elementary Spanish II	3
	OR	
SPAN 1005	Accelerated Elementary Spanish	3
SPAN 2001	Intermediate Spanish I	3
SPAN 2002	Intermediate Spanish II	3
SPAN 3001	Grammar and Composition	3
SPAN 3003	Conversation I	3

Elective (Credit: 3 hours)

Take one 3000- or 4000-level SPAN course.
Total Hours: 18

Music Production Minor

Minor in Music Production

The Minor in Music Production includes courses in music theory, aural skills, music technology, group piano lessons. The music courses are designed to provide the non-major with the musical framework to develop skills in the music production lab, including the systems of tonality and functionality on a midi-keyboard.

Take these courses (18-21 hours)

MUSC 1000	Foundations of Music Theory	3
	OR	
MUSC 1112	Class Piano Lab I	1
MUSC 1101	Elementary Theory I	2
MUSC 1112	Class Piano Lab I	1
MUSC 1500	Foundations in Music Technology	3
MUSC 2500	Commercial Music Lab	3
MUSC 4100	Recording Studio Fundamentals	3
MUSC 4110	Mixing Philosophy	3
MUSC 4120	Advanced Recording Techniques	3

Minor in Integrated Digital Media

Minor in Integrated Digital Media

The Digital Media minor is designed for students who are looking to complement their major with foundational understanding and practical experience in digital media and interactive graphic design. This minor offers students the opportunity to have exposure to concepts, vocabulary, and methods of the discipline of interactive design and to then put this knowledge into practice. The minor in digital media is available to undergraduates enrolled in any discipline or program other than the BA in Arts and Applied Design.

Required Courses (Credit: 15 Hours)

ARTS 2016	Introduction to Computer Arts	3
ARTS 3455	UX/UI Design	3
ARTS 3460	Interactive Design	3
ARTS 3245	Motion Graphics	3
ARTS 3465	Illustration	3

School of Aviation

Dean: Adon Clark

The Middle Georgia State University School of Aviation awards a Bachelor of Science in Aviation Science and Management with tracks in Flight and Management. Graduates are solidly prepared for hiring and advancement in the highly competitive aviation industry. Additionally, the School of Aviation offers a Bachelor of Applied Science in Technical Management. This program is for those who have already earned or intend to earn a select Associate of Applied Science degree.

The school also offers Associate of Applied Science and/or certificate programs in Aviation Maintenance Technology (Airframe and Powerplant), Aircraft Structural Technology, Flight Technology, Airline Management, Airport Management, and Air Traffic Management. The airplane fleet is equipped with some of the most modern and advanced avionics systems available. Helicopter instruction includes NVG operations. The Aviation Maintenance Technology department has been cited as one of the highest quality programs available in the United States. The Aviation Structural Technology program is a recognized leader in advanced composites, metalwork, and manufacturing technologies.

The School of Aviation faculty is composed of experienced, credentialed executives and leaders from the airline industry, corporate aviation, military, and government sectors. We maintain professional affiliations with major airlines, manufacturers, aircraft maintenance organizations, and service firms. Many of our graduates find employment with these and other organizations immediately following graduation.

A minimum grade of "C" is required for all aviation-related courses (AMGT, ASTP, AMTP, AMKT, AERO, AVIA, ASPC, ASTC, AVNC, ATCM) that are required for graduation in an aviation certificate or degree program.

Admission to the School of Aviation is competitive. Applicants should contact the appropriate department within the School of Aviation for information well in advance of their planned enrollment date.

*Students enrolled in any of our flight certificates or degrees must pass FAA written exams and FAA practical exams to gain the necessary license and certificates in order to obtain employment in the industry.

Department of Aviation Maintenance and Structural Technology

Chair: Martin Kehayes

The Aviation Maintenance Technology (AMT) Associate of Applied Science degree program prepares students for careers in aircraft maintenance and repair. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical and written examinations. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of an Airframe and Powerplant (A&P) mechanic.

Graduates can find employment with airport fixed base operations, charter air services, regional or major airlines, the military, aviation suppliers, manufacturers, and the FAA. Program graduates will be competent in the fundamentals of aircraft and engine electrical, electronic, hydraulic, pneumatic, and mechanical systems maintenance, application, and troubleshooting.

The Aircraft Structural Technology (AST) program combines aircraft sheet metal theory and skills with practical experience to prepare the graduate for successful entry-level employment, and advancement in the manufacture and repair fields. Precision measurement, pneumatic drilling, riveting and repairing aircraft structures, inspecting and diagnosing aircraft damage, cutting and forming aircraft metals, fabricating and repairing flight control components, fiberglass, metal bonded, and honeycomb structures, as well as advanced composites are covered.

A grade of C or higher is required in all AMTP and/or ASTP courses.

Aviation Maintenance Technology (A.A.S.A.M.T)

Curriculum for Associate of Applied Science in Aviation Maintenance Technology

The Associate of Applied Science in Aviation Maintenance Technology fulfills general education requirement for a career associate degree.

Core Curriculum Credit 22 Hours

Area A - Required English/Math (9 Credit Hours)

English Courses 6 Credit Hours

Math Elective 3 Credit Hours

Area B - Institutional Option (4 Credit Hours)

Area C - Humanities/Fine Arts (3 Credit Hours)

Literature-Based Elective 3 Credit Hours

Area E - Social Sciences (6 Credit Hours)

American History 3 Credit Hours

Political Science 3 Credit Hours

*See Core Curriculum (p. 65) for course offerings.

Major Field Courses (Credit: 64 hours)

AVMT 1000	Aviation Mathematics and Physics	3
AVMT 1010	Aviation Maintenance Regulations and Human Factors	3
AVMT 1020	Aircraft Applied Science I	3
AVMT 1025	Aircraft Applied Science II	4
AVMT 1030	Fundamentals of Aircraft Electricity and Electronics	3
AVMT 2010	Aircraft Non-Metallic Structures	3
AVMT 2020	Aircraft Metallic Structures	4
AVMT 2040	Aircraft Flight Controls and Rotorcraft Fundamentals	3
AVMT 2050	Airframe Inspection	3
AVMT 2060	Aircraft Hydraulic, Pneumatic, and Landing Gear Systems	3
AVMT 2070	Aircraft Instrument, Communication and Navigation Systems	3
AVMT 2080	Aircraft Airframe and Environmental Systems	4
AVMT 2090	Aircraft Electrical Systems	3
AVMT 2210	Aircraft Reciprocating Engines, Induction, and Cooling Systems	4
AVMT 2230	Aircraft Turbine Engines	4
AVMT 2250	Aircraft Engine Inspection	3
AVMT 2260	Aircraft Engine Fuel and Fuel Metering Systems	3
AVMT 2270	Aircraft Engine Electrical, Ignition, and Starting Systems	4
AVMT 2280	Aircraft Powerplant Accessory Systems	4

Note: AVNC 1030 Aircraft Electric/Electronic Systems installation is available as an elective course for Avionics Installation.

Total Hours: 87

Aircraft Structural Technology (A.A.S.)

The Aircraft Structural Technology Associate of Applied Science (AAS) is a degree program that emphasizes aircraft structural theory and practical application necessary for successful employment in the field. Graduates with the AAS tend to start out at a higher wage and/or advance at a faster pace than those with just the one year certificate. All students MUST be accepted to the program after acceptance to MGA. To be accepted to the program you must complete and submit an application to the School of Aviation as stated on the Aviation Technology application.
A grade of "C" or higher is required in all core (ASTP) classes in order to graduate from this program.

Curriculum for the Associate of Applied Science in Aircraft Structural Technology

Note: The Associate of Applied Science in Aircraft Structural Technology fulfills general education requirement for a career associate degree.

Critical Reading and Writing (Credit: 6 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

Natural Sciences / Mathematics Elective (Credit: 3 hours)

	Area A Math Elective	3

Note: ENGL 1101, ENGL 1102, and the Mathematics elective must be completed within the first 30 hours.

Humanities/Fine Arts Elective (Credit: 3 hours)

Choose one of the following courses:

ENGL 2111	World Literature I	3
ENGL 2112	World Literature II	3

Institutional Electives (Credit: 4 hours)

	Perspectives Elective	4

Social/Behavioral Sciences (Credit: 6 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3

Major Requirements (39 hours)

ACES 1000	Aviation Career Employability Skills I	3
ASTP 1000	Applied Technical Math	3
ASTP 1010	Basic Blueprint Reading	3
ASTP 1020	Aircraft Blueprint Reading	3
ASTP 1037	Aircraft Aerodynamics & Structural Fundamentals	6
ASTP 1090	Composites and Bonded Structures	6
ASTP 1104	Structural Layout Fabrication and Sealants	6
ASTP 1112	Aircraft Metallurgy and Corrosion Control	6
ASTP 1158	Technical Publications and Aerospace Quality Control	3

Total Hours: 61

Aviation Maintenance Technology Certificate (Airframe and Powerplant)

The Aviation Maintenance Technology (AMT) certificate program prepares students for careers in aircraft maintenance and repair. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical and written examinations. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of an Airframe and Powerplant (A&P) mechanic. Graduates can find employment with airport fixed base operations, charter air services, regional or major airlines, the military, aviation suppliers, manufacturers, and the FAA. Program graduates will be competent in the fundamentals of aircraft and engine electrical, electronic, hydraulic, pneumatic, and mechanical systems maintenance, application, and troubleshooting.

A grade of C or higher is required in all AMTP courses.

Aviation Maintenance Technology Airframe and Powerplant (Certificate)

Curriculum for Certificate in Aviation Maintenance Technology-Airframe and Powerplant

Campus Location: Eastman, Georgia
A grade of C or higher is required in all AMTP courses.

Required Courses

AVMT 1000	Aviation Mathematics and Physics	3
AVMT 1010	Aviation Maintenance Regulations and Human Factors	3
AVMT 1020	Aircraft Applied Science I	3
AVMT 1025	Aircraft Applied Science II	4
AVMT 1030	Fundamentals of Aircraft Electricity and Electronics	3
AVMT 2010	Aircraft Non-Metallic Structures	3
AVMT 2020	Aircraft Metallic Structures	4
AVMT 2040	Aircraft Flight Controls and Rotorcraft Fundamentals	3
AVMT 2050	Airframe Inspection	3
AVMT 2060	Aircraft Hydraulic, Pneumatic, and Landing Gear Systems	3
AVMT 2070	Aircraft Instrument, Communication and Navigation Systems	3
AVMT 2080	Aircraft Airframe and Environmental Systems	4
AVMT 2090	Aircraft Electrical Systems	3
AVMT 2210	Aircraft Reciprocating Engines, Induction, and Cooling Systems	4
AVMT 2230	Aircraft Turbine Engines	4
AVMT 2250	Aircraft Engine Inspection	3
AVMT 2260	Aircraft Engine Fuel and Fuel Metering Systems	3
AVMT 2270	Aircraft Engine Electrical, Ignition, and Starting Systems	4
AVMT 2280	Aircraft Powerplant Accessory Systems	4

Note: AVNC 1030 Aircraft Electric/Electronic Systems Installation is available as an elective course for Avionics Installation.
Total Hours: 64

Aircraft Structural Technology Certificate

Aircraft Structural Technology (Certificate)

The Aircraft Structural Technology Certificate is a certificate program that emphasizes aircraft structural theory and practical application necessary for successful employment in the field.
All students MUST be accepted to the program after acceptance to MGA. To be accepted to the program you must complete and submit an application to the School of Aviation as stated on the Aviation Technology application.
A grade of "C" or higher is required in all core (ASTP) classes in order to graduate from this program.

Curriculum for the Certificate in Aircraft Structural Technology

Campus Location: Eastman, Georgia

Required Courses

ACES 1000	Aviation Career Employability Skills I	3
ASTP 1000	Applied Technical Math	3
ASTP 1010	Basic Blueprint Reading	3

ASTP 1020	Aircraft Blueprint Reading	3
ASTP 1037	Aircraft Aerodynamics & Structural Fundamentals	6
ASTP 1090	Composites and Bonded Structures	6
ASTP 1104	Structural Layout Fabrication and Sealants	6
ASTP 1112	Aircraft Metallurgy and Corrosion Control	6
ASTP 1158	Technical Publications and Aerospace Quality Control	3

Total Hours: 39

Department of Aviation Science and Management

Chair: Ed Weathersbee

The courses in the Department of Aviation Science and Management provide foundational knowledge to students in the Flight, Air Traffic Control, Aviation Management and other aviation programs through core aviation academics. In addition to the foundational academic coursework, the Department delivers the flight and ground school courses required by the FAA under 14CFR Part 141 for training from private pilot through Airplane Multi Engine Commercial, CFI and CFII. Degree programs in the ASM department are the Bachelor of Science in Aviation Science and Management with tracks in both Flight and Management (available online). The Department of ASM also offers a Bachelors of Applied Science in Technical Management, and an Associate of Applied Science in Air Traffic Management degree as well as certificates in Airline Management and Airport Management.

Students must maintain a minimum institutional grade-point average (GPA) of 2.5 to remain in an Aviation Bachelor of Science program. Students must maintain a minimum institutional GPA of 2.5 to remain in the Associate of Applied Science in Air Traffic Management. The student will be placed on probation if the GPA falls below 2.5. If the respective GPA does not show improvement the next semester, the student will not be allowed to take aviation courses. If the student has not returned to the required level of GPA in two semesters following probation (including summer), the student may be removed from the aviation program.

A minimum grade of "C" or is required for all aviation-related courses (AMGT, ASTP, AMTP, AMKT, AERO, AVIA, ASPC, ASTC, AVNC, ACES) that are required for graduation in an aviation certificate or degree program.

Students requiring learning support courses will not be accepted into any Aviation Bachelor of Science program or the Associate of Applied Science in Air Traffic Management program until they have completed and passed their learning support courses.

*Students enrolled in any of our flight certificates or degrees must pass FAA written exams and FAA practical exams to gain the necessary license and certificates in order to obtain employment in the industry.

BS Aviation Science and Management Flight Admission Policy

Admission standards for entrance into the Flight Track:

- Successful completion of Area A with at least a “C” (English 1101, English 1102 and Area A Math)
- Completion of AERO 2102 Aviation Meteorology, AERO 2105 Aviation Regulations, and AERO 2106 Private Pilot Ground School with at least a “B”
- Successful completion of the FAA Private Pilot Written Exam
- Must present a Class Two Medical Certificate

Aviation Science and Management (B.S.)

Students must complete at least 39 semester hours of upper division course work to earn a degree.

Admission standards for entrance into the Flight Track:

- Successful completion of Area A with at least a “C” (English 1101, English 1102 and Area A Math)
- Completion of AERO 2102 Aviation Meteorology, AERO 2105 Aviation Regulations, and AERO 2106 Private Pilot Ground School with at least a “B”
- Successful completion of the FAA Private Pilot Written Exam
- Must present a Class Two Medical Certificate

Curriculum for Bachelor of Science in Aviation Science and Management

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

AERO 2104	Aviation Safety	3
AERO 2105	Aviation Regulations	3
AERO 2107	Aviation Law and Insurance	3

Flight Students Take

AERO 2102	Aviation Meteorology	3
AERO 2106	Private Pilot Ground School	3
AERO 2108	Human Factors	3

Aviation Management Students Take

ECON 2105	Principles of Macroeconomics	3
	OR	
ECON 2106	Principles of Microeconomics	3
ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3

Aviation Science and Management Core Requirements (Credit: 12 hours)

AMGT 3203	Airport Management	3
AMGT 3204	International Airline Business	3
AMGT 4207	Airline Technical Operations	3
AMGT 4215	Critical Topics in Aviation	3

Choose One of Three Tracks (Flight Airplane, Flight Helicopter, or Management)

Flight Airplane & Flight Helicopter Tracks

Must present a Class Two Medical Certificate.
*Please take courses that align with your chosen flight track.

Requirements (Credit: 27 hours)

AVIA 3106	Private Pilot Flight	1
	OR	
AVIA 3081	Private Pilot Flight Helicopter	1
AVIA 3107	Instrument Pilot Ground School	3
AVIA 3018	Instrument Pilot Flight	1
	OR	
AVIA 3083	Instrument Pilot Flight Helicopter I	1
AVIA 3019	Commercial Pilot Single-Engine Ground School	3
AVIA 3020	Commercial Pilot Flight I	1
	OR	
AVIA 3085	Commercial Pilot Flight Helicopter	1
AVIA 3023	Flight Instructor I Ground School	3
AVIA 3024	Flight Instructor I Flight	1
	OR	
AVIA 3087	Flight Instructor I Flight Helicopter	1
AVIA 3025	Flight Instructor II Ground School	3
AVIA 3026	Flight Instructor II Flight	1

	OR	
AVIA 3089	Flight Instructor II Flight Helicopter	1
AVIA 4001	Advanced Aerodynamics	3
AVIA 4002	Advanced Navigation	3

Flight Airplane Track students also must take:

AVIA 3021	Commercial Pilot Multi-Engine Ground School	3
AVIA 3022	Commercial Pilot Flight II	1

Flight Helicopter Track students also must take:

AVIA 3084	Instrument Pilot Flight Helicopter II	1

Aviation - Major Electives (9 Hours)

Needed for required 60 FAA courses for reduced minimum.

Choose from the following (Minimum of 9 hours required):

AERO 4110	Aerospace Propulsion Systems	3
ATCM 1300	Fundamentals of Air Traffic Control	3
AVIA 3030	Airplane Specialty Flight: Tail-wheel Operations and Flight	1
AVIA 3031	Unusual Attitude and Upset Recovery	2
AVIA 3032	Basic Aeronautics	1
AVIA 4004	Advanced Aircraft Systems	3
AVIA 4010	Aviation and Aerospace Internships	3
AVIA 4500	Airline Transition and Crew Resource Management	3
AVIA 4500L	Regional Jet Simulator	1
PHYS 1111K	Introductory Physics I	4

Open Electives (12 Hours)

Note: Flight students may not take ATCM 1200: Introduction to Air Traffic Management or AERO 2103 Flight Principles for credit in the BSASM degree.
Note: Fees associated with specific MGA flight courses and FAA ratings can be found in the School of Aviation portion of the catalog.

Management Track

Requirements (Credit: 24 hours)

ECON 2105	Principles of Macroeconomics	3
	OR	
ECON 2106	Principles of Microeconomics	3
BUSA 3101	Business Ethics	3
	OR	
AMGT 3102	Fundamentals of Aviation Business Ethics in the Aviation Profession	3
FINA 3110	Principles of Finance	3
	OR	
AMGT 4210	Aviation Financial Management	3
MGMT 3141	Principles of Management	3
	OR	
AMGT 3141	Fundamentals of Leadership and Decision Making	3
MKTG 3161	Principles of Marketing	3
	OR	

AMKT 3209	Airline Marketing	3
AMGT 3205	Airport Planning, Construction & Environmental Management	3
AMGT 3209	Airport Legislative Affairs, Marketing, Communications and Development	3
AMGT 4206	Airport Operations, Security & Maintenance	3

Open Electives (24 hours)

Airplane Flight Costs 2022 - 2023

Professional Flight Management Degree (BS) Flight Technology Certificate

Private Pilot Course (AVIA 3106)

FAA MINIMUM

35 Hours in Piper Warrior III (Steam)**	$5,985.00
4 Hours in Piper Warrior III (Steam)	$684.00
35 Hours in Piper Warrior III (Hybrid)**	$6,265.00
4 Hours in Piper Warrior (Hybrid)	$716.00
35 Hours in Archer **	$6,400.00
4 Hours in Archer	$736.00

AVERAGE ADDITIONAL HOURS

11 Hours in Piper Warrior III (Steam)	$1,881.00
11 Hours in Piper Warrior III (Hybrid)	$1,969.00
11 Hours in Archer	$2,024.00
Private Pilot Knowledge Written (Pay to MGA day of test)	$175.00
FAA Private Pilot Airplane (Pay examiner) PAR	$650.00

Instrument Rating Course (AVIA 3018)

FAA MINIMUM

35 Hours in Piper Warrior III (Steam)**	$5,985.00
4 Hours in Piper Warrior III (Steam)	$684.00
35 Hours in Piper Warrior III (Hybrid)**	$6,265.00

4 Hours in Piper Warrior III (Hybrid)	$716.00
35 Hours in Archer**	$6,400.00
4 Hours in Archer	$736.00
AVERAGE ADDITIONAL HOURS	
8 Hours in Piper Warrior III (Steam)	$1,368.00
8 Hours in Piper Warrior III (Hybrid)	$1,432.00
10 Hours in Archer	$1,840.00
Instrument Rating Written Test (Pay to MGA day of test)	$175.00
FAA Instrument Rating Airplane Test (Pay examiner)	$650.00

Commercial Pilot Course (AVIA 3020)

FAA MINIMUM	
120 Hours in Piper Arrow III **	$23,880.00
4 Hours in Piper Arrow for FAA Practical	$796.00
AVERAGE ADDITIONAL HOURS	
15 Hours in Archer	$2,985.00
Commercial Pilot Knowledge Written Test (Pay to MGA day of test)	$175.00
FAA Commercial Pilot Airplane Test (Pay examiner)	$650.00

Certified Flight instructor Course (AVIA 3024)

25 Hours in Piper Arrow **	$4,975.00
4 Hours in Piper Arrow	$796.00
AVERAGE ADDITIONAL HOURS	
2 Hours in Piper Arrow	$398.00
Fundamentals of Instruction (Pay to MGA day of test)	$175.00
Flight Instructor Knowledge (Pay to MGA day of test)	$175.00
Flight Instructor Airplane FIA	$650.00

Flight Instructor II Flight Course (AVIA 3026)	
15 Hours in Piper Arrow **	$2,985.00
4 Hours in Piper Arrow for FI FAA Practical Exam	$796.00
Fundamentals of Instruction (Pay to MGA day of test)	$175.00
Flight Instructor Knowledge (Pay to MGA day of test)	$175.00
Flight Instructor Airplane AFA	$650.00
Multi-Engine Additional Rating Course (AVIA 3022)	
15 Hours in Piper Seminole (Steam)**	$4,575.00
4 Hours in Piper Seminole for Multi-Engine FAA Practical (Steam)	$1,220.00
15 Hours in Piper Seminole (Hybrid)	$4,575.00
4 Hours in Piper Seminole for Multi-Engine FAA Practical (Hybrid)	$1,220.00
15 Hours in Piper Seminole (Glass)**	$4,770.00
4 Hours in Piper Seminole for Multi-Engine FAA Practical	$1,272.00
AVERAGE ADDITIONAL HOURS	
2 Hours in Piper Seminole (Steam and Hybrid)	$610.00
2 Hours in Piper Seminole (Glass)	$636.00
Multi-Engine FAA Practical (Pay examiner)	$650.00
Tail-wheel Operations and Flight (AVIA 3030)	
16 Hours in Citabria	$2,432.00
16 Hours in Super Decathlon	$3,088.00
Upset Recovery (AVIA 3031)	
8 Hours in Citabria	$1,216.00
Basic Aerobatics (AVIA 3032)	
8 Hours in Super Decathlon	$1,544.00

Upon registration for the above courses, a deposit must be made into your flight account for the amount shown above. There is a per semester student insurance fee for flight students, please refer to the Bursar's Office: Mandatory & Elective Fees for semester rates. There is a per flight course student flight lab fee of $50.00. These fees are in addition to tuition and fees that are applicable to all students.
NOTE: Training times listed above are absolute minimums only, but provide the most definitive cost information available at this time. Experience of our flight instructors suggests that the actual student average could be as much as 20% higher than the minimums listed above.

Fees are subject to change. Please see our website for the most up to date fee schedule https://www.mga.edu/aviation/science-management/flight/docs/projected_airplane_flight_costs.pdf
**VA students may only be certified for and reimbursed for the required hours shown above. There are no exceptions to this rule.

Helicopter Flight Costs 2022-2023

Professional Flight Management Degree (BS) Flight Technology Certificate

Private Pilot Flight Course (AVIA 3081)		
FAA MINIMUM		
45 Hours in CabriG2		$12,375.00
10 Hours Solo in CabriG2		$2,750.00
	Projected total to be deposited to flight account:	**$15,125.00**
Private Pilot Knowledge Written Test (Pay to MGA day of test)		$175.00
FAA Private Pilot Helicopter (Pay examiner)		$750.00
	Course Total:	**$16,050.00**
Instrument Pilot Course I (AVIA 3083)		
35 Hours in CabriG2		$9,625.00
Instrument Pilot Course I (AVIA 3083)		
35 Hours in Robinson R44		$15,050.00
Instrument Pilot Course II (AVIA 3084)		
35 Hours in CabriG2		$9,625.00
Instrument Knowledge Test (Pay to MGA day of test)		$175.00
FAA Instrument Rating Helicopter (Pay examiner)		$750.00
	Course Total:	**$10,555.00**
Instrument Pilot Course II (AVIA 3084)		
35 Hours in Robinson R44		$15,050.00
Instrument Knowledge Test (Pay to MGA day of test)		$175.00
FAA Instrument Rating Helicopter (Pay examiner)		$750.00
	Course Total:	**$15,975.00**
Commercial Pilot Course (AVIA 3085)		
FAA MINIMUM		
45 Hours in CabriG2		$12,375.00
Commercial Pilot Written Test (Pay to MGA day of test)		$175.00
FAA Commercial Pilot Helicopter (Pay examiner)		$750.00
	Course Total:	**$13,300.00**
Commercial Pilot Course (AVIA 3085)		
FAA MINIMUM		
45 Hours in Robinson R44		$19,350.00
Commercial Pilot Written Test (Pay to MGA day of test)		$175.00
FAA Commercial Pilot Helicopter (Pay examiner)		$750.00

	Course Total:	**$20,275.00**
Flight Instructor I Course (AVIA 3087)		
30 Hours in CabriG2		$8,250.00
Fundamentals of Instructing Knowledge Written Test (Pay to MGA at time of test)		$175.00
Flight Instructor Helicopter Knowledge Written Test (Pay to MGA at time of test)		$175.00
FAA Flight Instructor Helicopter (Pay examiner)		$1,000.00
	Course Total:	**$9,600.00**
Flight Instructor II Course (AVIA 3089)		
15 Hours in CabriG2		$4,125.00
Instrument Flight Instructor Knowledge Written Test (Pay to MGA at time of test)		$175.00
FAA Flight Instructor Instrument Helicopter (Pay examiner)		$750.00
	Course Total:	**$5,050.00**
Flight Instructor II Course (AVIA 3089)		
15 Hours in Robinson R44		$6450.00
Instrument Flight Instructor Knowledge Written Test (Pay to MGA at time of test)		$175.00
FAA Flight Instructor Instrument Helicopter (Pay examiner)		$750.00
	Course Total:	**$7,375.00**

*Students may complete their training in either the Robinson R44, the CabriG2 or a combination of the two.
Flight Deposits should be made in a timely manner. If you need Financial Aid such as student loans, etc., please apply for it early to reduce the time prior to you receiving your funds. You will not be able to begin your flight training until the flight deposit is made and if it is not made within the first month of the semester, it puts you behind in your training which therefore prolongs your time in completing the program.
There is a per semester student insurance fee for flight students, refer to the Bursar's Office: Mandatory & Elective Fees for semester rates.
There is a per flight course flight lab fee of $50.00. These fees are in addition to tuition and fees that are applicable to all students.
Fees are subject to change. Please see our website for the most up to date fee schedule https://www.mga.edu/aviation/science-management/flight/docs/projected_helicopter_flight_costs.pdf
NOTE: Training times listed above are absolute minimums only, but provide the most definitive cost information available at this time. Experience of our flight instructors suggests that the actual student average could be as much as 20% higher than the minimums listed above.
VA students may only be certified for and reimbursed for the required hours shown above. There are no exceptions to this rule.

Technical Management (B.A.S.) (Formerly Business Management)

Curriculum for Bachelor of Applied Science in Technical Management

The Bachelor of Applied Science in Technical Management (BAS) is a pathway to a four-year degree for professionals in technical or industrial careers who want to progress into management and supervisory positions. The BAS is designed for students who have earned select Associate of Applied Science (AAS) or Associate of Applied Technology (AAT) degrees from regionally or nationally accredited institutions, including technical colleges. Students accepted into the program can build on their applied two-year degrees for a smooth transition to a bachelor of applied science degree program with minimal or no loss of credits. Students must meet with an advisor from the School of Aviation to determine eligibility.

Core Curriculum (Credit: 42 hours)

See listing of requirements

AREA F (18 HRS)

Students articulate in 18 hours from their AAS or AAT Technical Discipline.

Major Requirements (Credit: 27 hours)

ECON 1101	Survey of Economics	3
	OR	
ECON 2105	Principles of Macroeconomics	3
	OR	
ECON 2106	Principles of Microeconomics	3
ACCT 2000	Survey of Accounting	3
	OR	
ACCT 2101	Principles of Accounting I	3
	OR	
ACCT 2102	Principles of Accounting II	3
BUSA 3101	Business Ethics	3
	OR	
AMGT 3102	Fundamentals of Aviation Business Ethics in the Aviation Profession	3
MGMT 3102	Human Resource Management	3
	OR	
AMGT 3200	Globalization and Human Resource Management	3
AMGT 3107	Fundamentals of Operations Management	3
AMGT 3114	Purchasing and Materials Management	3
MGMT 3141	Principles of Management	3
	OR	
AMGT 3141	Fundamentals of Leadership and Decision Making	3
AMGT 3101	Business Research Methodology	3
AMGT 4301	Principles of Transportation	3

Electives (Credit: 33 hours)

At least 18 Hours of earned credit at MGA must be at the 3000 and 4000 level. Students may articulate in up to 9 Hours from their AAS or AAT Technical Discipline.

Aviation Management Concentration (18 Hours)

Students who wish to pursue an Aviation Science and Management concentration should choose the following electives:

AMGT 3203	Airport Management	3
AMGT 3204	International Airline Business	3
AMGT 4207	Airline Technical Operations	3
AMKT 3209	Airline Marketing	3
AMGT 3205	Airport Planning, Construction & Environmental Management	3
AMGT 4206	Airport Operations, Security & Maintenance	3

Total Credit Hours:120

Airline Management (Certificate)

Curriculum for Certificate in Airline Management

Required courses (Credit: 9 hours)

AMGT 3210	Airline Management	3

AMGT 4207	Airline Technical Operations	3
AMGT 4210	Aviation Financial Management	3

Take four of the following courses (Credit: 12 hours)

AMKT 3209	Airline Marketing	3
AMGT 3204	International Airline Business	3
AERO 2104	Aviation Safety	3
AERO 2105	Aviation Regulations	3
AERO 2107	Aviation Law and Insurance	3

Total Hours: 21

Airport Management (Certificate)

Curriculum for Certificate in Airport Management

Required Courses (Credit: 15 hours)

AMGT 3203	Airport Management	3
AMGT 3205	Airport Planning, Construction & Environmental Management	3
AMGT 3209	Airport Legislative Affairs, Marketing, Communications and Development	3
AMGT 4206	Airport Operations, Security & Maintenance	3
AMGT 4210	Aviation Financial Management	3

Take two of the following courses (Credit: 6 hours)

AERO 2104	Aviation Safety	3
AERO 2105	Aviation Regulations	3
AERO 2107	Aviation Law and Insurance	3

Total Hours: 21

Aviation Safety (Certificate)

Certificate in Aviation Safety

This certificate is designed to enable aviation professionals to evaluate safety operations within their work place and develop comprehensive aviation safety programs to proactively address potential safety hazards and issues.

AERO 2107	Aviation Law and Insurance	3
AMGT 4215	Critical Topics in Aviation	3
AMGT 3102	Fundamentals of Aviation Business Ethics in the Aviation Profession	3
AERO 4204	Advanced Aviation Safety	3

Flight Technology Airplane (Certificate)

The Flight Technology Airplane certificate program is intended to provide students with an introduction to the occupational area of commercial flight as currently understood and practiced by Federal Aviation Administration Commercial Pilot certificate holders. Program graduates are to be competent in the general areas of communications, mathematics, and interpersonal relations. In addition, graduates are to be competent in the specific areas of flight navigation, aviation meteorology, aerodynamics, aviation regulations, instrument navigation, commercial pilot flight operations, flight instructional methods, and aviation instruction design. Program graduates who obtain the FAA's Private Pilot certificate, Instrument Pilot rating, Commercial Pilot certificate with an Instrument-Airplane rating, Airplane Flight Instructor certificate with Single-Engine rating, Airplane Multi Engine Commercial rating, and Airplane Flight Instructor Instrument rating, will be awarded a Flight Technology certificate.

Curriculum for Certificate in Flight Technology Airplane

Required Courses

AERO 2102	Aviation Meteorology	3
AERO 2103	Flight Principles	3
AERO 2105	Aviation Regulations	3
AERO 2106	Private Pilot Ground School	3
AVIA 3106	Private Pilot Flight	1
AVIA 3107	Instrument Pilot Ground School	3
AVIA 3018	Instrument Pilot Flight	1
AVIA 3019	Commercial Pilot Single-Engine Ground School	3
AVIA 3020	Commercial Pilot Flight I	1
AVIA 3021	Commercial Pilot Multi-Engine Ground School	3
AVIA 3022	Commercial Pilot Flight II	1
AVIA 3023	Flight Instructor I Ground School	3
AVIA 3024	Flight Instructor I Flight	1
AVIA 3025	Flight Instructor II Ground School	3
AVIA 3026	Flight Instructor II Flight	1

Total Hours: 33

Flight Technology Helicopter (Certificate)

The Flight Technology Helicopter certificate program is intended to provide students with an introduction to the occupational area of commercial flight as currently understood and practiced by Federal Aviation Administration Commercial Pilot certificate holders. Program graduates are to be competent in the general areas of communications, mathematics, and interpersonal relations. In addition, graduates are to be competent in the specific areas of flight navigation, aviation meteorology, aerodynamics, aviation regulations, commercial pilot flight operations, flight instructional methods, and aviation instruction design. Program graduates who obtain the FAA's Private Pilot Helicopter Certificate, Instrument Pilot Helicopter rating, Commercial Pilot Helicopter certificate, the Helicopter Flight Instructor certificate, and the Helicopter Flight Instructor Instrument rating be awarded a Flight Technology certificate.

Curriculum for Certificate in Flight Technology Helicopter

Required Courses

AERO 2102	Aviation Meteorology	3
AERO 2103	Flight Principles	3
AERO 2105	Aviation Regulations	3
AERO 2106	Private Pilot Ground School	3
AVIA 3019	Commercial Pilot Single-Engine Ground School	3
AVIA 3023	Flight Instructor I Ground School	3
AVIA 3025	Flight Instructor II Ground School	3
AVIA 3081	Private Pilot Flight Helicopter	1
AVIA 3083	Instrument Pilot Flight Helicopter I	1
AVIA 3084	Instrument Pilot Flight Helicopter II	1
AVIA 3085	Commercial Pilot Flight Helicopter	1
AVIA 3087	Flight Instructor I Flight Helicopter	1
AVIA 3089	Flight Instructor II Flight Helicopter	1
AVIA 3107	Instrument Pilot Ground School	3

Total Hours: 30

Technical Operations Management (Certificate)

Certificate in Technical Operations Management

The Certificate in Technical Operations Management introduces the student to business and management concepts related to the airline industry both nationally and internationally. The student will learn the economic and financial bases of this complex industry. International and national regulations will also be explored. The Certificate in Technical Operations Management, consisting of 12 credits, can be transferred to the BS in Aviation Science and Management.

AMGT 4207	Airline Technical Operations	3
AMKT 3209	Airline Marketing	3
AMGT 3200	Globalization and Human Resource Management	3
AMGT 4210	Aviation Financial Management	3

Unmanned Aerial Systems Operator (Certificate)

Curriculum for Unmanned Aerial Systems Operator

Major Requirements (Credit: 32 hours)

AERO 3001	UAS Concepts	3
AERO 3001L	Unmanned Aerial Systems Concepts Lab	2
AERO 3011	Unmanned Aerial Systems Regulations	3
AERO 3011L	Unmanned Aerial Systems Regulations Lab	2
AERO 4021	Unmanned Aerial System Platform and System Development	3
AERO 4021L	Unmanned Aerial Systems Platform and System Development Lab	2
AERO 4031	Unmanned Aerial Systems Flight	3
AERO 4031L	Unmanned Aerial Systems Flight Lab	2
AERO 2106	Private Pilot Ground School	3
ITEC 2215	Introduction to Information Technology	3
ASTP 1090	Composites and Bonded Structures	6

Total Hours: 32

Air Traffic Management

The courses in the Air Traffic Management (ATM) discipline are designed to provide students with the Air Traffic Control portion of the degree, previously required by the Federal Aviation Administration (FAA) to be considered for employment.
Middle Georgia State University is one of the Air Traffic Collegiate Training Initiative (AT-CTI) institutions in the United States that the FAA has partnered with to train potential air traffic controllers. The degree program in ATM is the Associate of Applied Science in Air Traffic Management. The degree program provides basic courses in air traffic control and are designed to provide qualified applicants to fill developmental air traffic control specialist positions with the FAA.
Students must successfully complete all required training at the FAA Academy to continue employment with FAA.
The following list shows qualifications that a potential candidate must meet prior to employment with the FAA.

- Three years general progressive work experience
- Four years of college, or combination of both school and work experience
- Be a United States citizen
- In most cases, not have reached age 31
- Pass a biographical assessment (prior to AT-SAT)
- Pass a medical examination
- Pass a security investigation
- Achieve a score of at least 70 on the FAA pre-employment test (AT-SAT)

- Speak English clearly enough for others to understand you on communications equipment
- Complete an interview
- Entry in to the Air Traffic Management program is competitive, as detailed below.

Air Traffic Management (ATM) admission requirements are in addition to university admission requirements. Applicants are considered for admission using a formula approved by the ATM Admissions Committee. Admission is competitive, not all applicants will be accepted. Applications to the program are available on the ATM Home Page: http://www.mga.edu/aviation/Air-Traffic-Management/. In order to be considered for admission, applications and transcripts must be received by the deadlines published on the ATM Home Page.

1. As of this printing, minimum criteria for admission to the Air Traffic Management program include:
    a. Acceptance to Middle Georgia State University.
    b. Completion of any required university placement tests and remedial courses.
    c. Completion of at least 12 hours of courses required for the ATM Program at Middle Georgia State University with a minimum overall institutional GPA of 2.5.
    d. Completion of ATCM 1200*, Area A Math Elective & ENGL 1101 with a grade of "C" or higher for each course. (Minimum overall GPA 2.5 or higher.) Overall GPA in these courses will be utilized to select the top students for entry into the ATM program.
    e. Essential Competencies Policy: The Americans with Disabilities Act (ADA) ensures the qualified applicant with a disability the opportunity to pursue program admission at public institutions. To determine whether an individual is a qualified applicant for programs or services, the ADA states that applicants must meet essential competency requirements. A list of essential competencies is available. Essential competencies include critical thinking, communication, interpersonal skills, mobility, tactile ability, vision, and hearing. All students will be held to the same standards and must be able to perform the essential competencies of their program with or without reasonable accommodation. The Air Traffic Management program at MGA is unable to make accommodations that impose an undue burden, present a threat to the health or safety of the individual or others, or fundamentally alter the nature of the curriculum in laboratory sessions. Questions about the accommodation process may be directed to the Director of Student Services at (478) 934-3023.
2. All applicants not selected must reapply to be considered for future classes.

Note: Any conviction more serious than a traffic ticket may impact your eligibility for Federal Aviation Administration (FAA) employment. It is the applicant's responsibility to contact the FAA or the Office of Personnel Management (OPM) with any concerns about background issues.

Air Traffic Management (A.A.S.)

Curriculum for Associate of Applied Science in Air Traffic Management

Degree Requirements:
Successful completion of Area A with at least a "C" (English 1101, English 1102 and Area A Math)
A student must complete all aviation related courses with a C or better to progress in the AAS ATM program.
The Associate of Applied Science in Air Traffic Management fulfills general education requirement for a career associate degree.

Core Curicuculum (Credit: 26 Hours)

Area A - Required English/Math (9 Credit Hours)
English Courses 6 Credit Hours
Math Elective 3 Credit Hours
Area B - Institutional Option (4 Credit Hours)
Area C - Humanities/Fine Arts (3 Credit Hours)
Literature-Based Elective 3 Credit Hours
Area D - Natural Science, Mathematics, and Technology (4 Credit Hours)
Lab-Science Elective 4 Credit Hours
Area E - Social Sciences (6 Credit Hours)
American History 3 Credit Hours
Political Science 3 Credit Hours
*See Core Curriculum (p. 65)for course offerings.

Area F (Credit: 41 hours)

ATCM 1200	Introduction to Air Traffic Control	3
AERO 2102	Aviation Meteorology	3

AERO 2104	Aviation Safety	3
AERO 2105	Aviation Regulations	3
AERO 2107	Aviation Law and Insurance	3
AERO 2108	Human Factors / Crew Management	3
ATCM 2201	Air Traffic Control Tower Operations Ground School and Lab	4
ATCM 2300	Introduction to Terminal Radar Operations	4
ATCM 2301	Advanced Terminal Radar Operations	4
ATCM 2400	Enroute Non-Radar Operations	4
ATCM 2401	Enroute Radar Operations	4
ATCM 2500	Advanced Control Tower Operator	3

Total Hours: 67

School of Business

Dean: Dr. Marc Miller

The School of Business offers programs of study leading to the bachelor's degrees in business with concentrations in five areas: accounting, general business, financial economics, marketing, and management. In addition the School of Business offers the bachelor's degree in heath service administration, and sport management.

The School of Business also offers the master's degree in Management with concentrations in four areas: supply chain, organization management, aviation management, and sport management.

- Department of Accounting, Finance and Economics – Chair:TBA
- Department of Management and Marketing – Chair:TBA
- Department of Health Services & Sport Management – Chair: Dr. Dorothy Howell

Department of Accounting and Finance

Chair: TBA

Job Opportunities

Completion of the degree prepares graduates for employment opportunities in both the private and public sectors. Business professionals who have a theoretical foundation and knowledge of all areas of business are an important part of any management team. Depending on the particular concentration selected, graduates will find job opportunities in traditional areas of accounting, financial economics, marketing, and management.

In Accounting, accountant professionals will find employment with private companies, government agencies, and not-for-profit institutions with positions in auditing, financial, tax, cost, or managerial accounting. Graduates also may seek careers with Certified Public Accounting firms. Accountants also have the opportunity to obtain several professional certifications such as the Certified Public Accountant (CPA), the Certified Management Accountant (CMA), and the Certified Internal Auditor (CIA).

In Financial Economics, graduates may find employment as treasurers, controllers, financial managers, budget, credit and financial analysts, personal finance advisors, loan officers, risk management specialists, investment underwriters or fraud investigators, to name a few.

Dual Concentration: Students may use their general and business electives to completed a second concentration. If you would like to consider a "dual concentration," discuss this option with your academic advisor.

Admission Requirements – Bachelor of Science in Business Administration (BSBA)

Before being formally admitted into the BSBA in one of the four concentrations (Accounting, Financial Economics, Management, Marketing, and General Business), students must complete 60 hours with a minimum overall 2.25 GPA and a "C" or higher in each of the following courses:

Required Courses

ENGL 1101	English Composition I	3

ENGL 1102	English Composition II	3
MATH 1101	Introduction to Mathematical Modeling	3
	OR	
MATH 1111	College Algebra	3
	OR	
MATH 1112	Plane Trigonometry	3
	OR	
MATH 1113	Precalculus Mathematics	3
	OR	
MATH 1251	Calculus I	4
ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
BUSA 2105	Communicating in the Business Environment	3

One of the Following

ITEC 2201	Business Information Applications	3
	OR	
BUSA 2201	Business Information Applications	3

Students who have completed 45 hours that include the above bulleted courses and are enrolled in the last few required lower-level courses may be granted approval to take Upper-Division courses. Such students must complete the Upper-Division Course Request Form to request authorization to enroll in 3000-level courses. The form is available in the School of Business Administrative Office. At the time of the request, students who have not satisfied the above bulleted requirements, the completion of the required 45 hours, and the prerequisites in Area F needed for some of the upper-level courses will be denied permission to enroll in courses during the advanced registration period. No exceptions will be granted.

Once a student has successfully completed the requirements for admission to the BSBA program, he/she will be assigned an academic advisor in the discipline of his/her choice.

Business Administration (B.S.)

The **Bachelor of Science Degree in Business Administration (BSBA; formerly Business and Information Technology),** offered through the School of Business, provides students with a traditional foundation in business using a balanced theoretical and practical approach. It is designed to prepare students to quickly become productive members in their chosen fields while also preparing them to challenge the status quo and navigate organizations through future challenges.

The curriculum is designed to provide students with a strong balance of business, organizational, interpersonal, and technical skills. Students in the degree program take core courses in business and then select a concentration (or dual concentrations) from among accounting, general business, marketing, and management.

Curriculum for Bachelor of Science in Business Administration

The Business Administration degree requires 60 credit hours beyond the associate degree or its equivalent. A grade of at least a "C" is required in all 3000-4000 level courses used to meet the Business Administration degree requirements.

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field (Credit: 15 hours)

ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
BUSA 2105	Communicating in the Business Environment	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3

Choose one of the following (Credit: 3 hours)

ITEC 2201	Business Information Applications	3
BUSA 2201	Business Information Applications	3

Business Core (Credit: 27 hours)

BUSA 3340	Business Analysis using Excel	3
FINA 3110	Principles of Finance	3
LENB 3135	Legal Environment of Business	3
MGMT 3101	Business Statistics	3
MGMT 3104	International Business	3
MGMT 3141	Principles of Management	3
MGMT 3160	Principles of Management Information Systems	3
MGMT 4195	Strategic Management	3
MKTG 3161	Principles of Marketing	3

Concentration Requirements (Credit: 33 hours)

Students pursuing a Bachelor of Science in Business Administration must complete one of the following concentrations:

Accounting Concentration

Required courses (Credit: 21 hours)

ACCT 3101	Intermediate Financial Accounting I	3
ACCT 3102	Intermediate Financial Accounting II	3
ACCT 3103	Intermediate Finance Accounting III	3
ACCT 3110	Cost Accounting	3
ACCT 3120	Principles of Taxation I	3
ACCT 4135	Auditing	3
ACCT 4205	Accounting Information Systems	3

Accounting Electives (Credit: 6 hours)

Choose two of the following:

ACCT 3111	Advanced Cost Accounting	3
ACCT 3125	Government and Not-for-Profit Account	3
ACCT 3130	Forensic Accounting and Auditing	3
ACCT 4110	Advanced Accounting	3
ACCT 4120	Principles of Taxation II	3
ACCT 4140	Auditing II	3
ACCT 4305	Current Issues - Accounting and Auditing	3
ACCT 4505	Special Topics	3
ACCT 4605	Internship/Cooperative Education	1 - 9

General Electives (Credit: 6 hours)

Two General electives (Credit: 6 hours)

Financial Economics Concentration (33 hours)

Required Courses (Credit: 18 hours)

Take all the following classes

ECON 3106	Managerial Economics	3
ECON 3105	Money, Banking, and Financial Markets	3
ECON 4110	Applied Data Analysis	3 hours
FINA 3120	Advanced Corporate Finance	3 hours
FINA 4120	Investments	3 hours
MGMT 3175	Quantitative Methods	3

Business Electives (Credit: 6 hours)

Two 3000/4000 level Business electives (Credit: 6 hours)

General Electives (9 hours)

Three General Electives (Credit: 9 hours)

*Accounting students may take a second accounting concentration or they may take a concentration under the Department of Management and Marketing (p. 129):

Total Hours: 120

Department of Health Services Administration

Chair: Dorothy Howell

The Department of Health Services Administration is designed to prepare the student with a solid understanding of the organization, financing, and delivery of health care services. It incorporates a strong foundation of management principles and functions applied to a wide variety of health care settings and facilities. The Department places special emphasis on the administrative role in ensuring quality services for patients and supporting community health education.

Mission Statement

The mission of the Health Services Administration Program is to provide students a solid background in the organization, financing and delivery of health care services along with a strong foundation in management principles.

Student Expectations

Middle Georgia State University students are responsible for fulfilling their academic responsibilities in an honest and forthright manner and for conducting themselves with civility in interpersonal interactions. The Middle Georgia State University Student Code of Conduct contains a full description of student rights and responsibilities and the disciplinary procedures that will guide the action of the faculty and administration should a student allegedly violate the code. Students who are charged with a violation of the Middle Georgia State University Student Code of Conduct will be subject to disciplinary procedures by the School of Health and Natural Sciences and Middle Georgia State University. Any violation of the Middle Georgia State University Student Code of Conduct, whether the violation is related to a lack of integrity or civility, may result in dismissal from a Department of Health Services Administration program without consideration for re-entry.

Health Services Administration (B.S.)

The Bachelor of Science degree in **Health Services Administration** (HLSA) is a major for students interested in the management, business, and policy aspects of health care. The program is designed to develop in students the knowledge, skills, and values required for the wide range of positions available in this important field.

General Information

The Bachelor of Science degree in Health Services Administration offers preparation for entry level positions in the business and management side of the expanding health care industry, as well as preparation for graduate study. The program integrates courses from the fields of health sciences and business administration, and is designed to develop in students the knowledge, skills, and values required for the wide range of positions available in this important field.

The program is flexible to meet the demands of a wide variety of student types and career goals. Besides providing the tools necessary for people wishing to enter the field, the program offers an excellent opportunity for those already in the health care field, whether clinical or non-clinical, to leverage their experiences into management positions. Additionally, the program provides a foundation for graduate study in health administration, public health, business, and other related fields.

The program focuses on the relationship between theory and practice through the identification and resolution of problems unique to health care. Practical experiences, including the optional Applied Learning Experience course, allow students the opportunity to apply the skills and knowledge gained in the classroom to the field of practice.

Graduates of the Health Services Administration program have found employment in a large number of health care areas, including but not limited to hospitals (i.e., nursing, finance, personnel, public relations, and patient relations), long term care facilities (nursing homes & assisted living), clinical administrators/ practice managers (physician and other professional offices), community and public health, and other non-profit health care related agencies, hospice organizations, managed care and insurance companies, pharmaceutical sales, health care marketing, and home health agencies.

The program currently offers concentrations in:

Practice/Clinical Management, which prepares students to manage the organization and operation of the business aspects of a health care provider's office (including those of physicians, dentists, hospitals, clinics, and others).

Long Term Care Administration, which prepares students for employment opportunities in skilled nursing facilities, assisted living facilities, group homes, and hospices.

Public Health Management, which provides students with the knowledge and skills to develop and administer programs aimed at bettering public health and wellness. Students prepare for careers in health promotion within government agencies and nonprofit community organizations, medical institutions, academic institutions and other related entities.
Sports and Fitness Management, which prepares students for a variety of entry and mid-level management positions within the broad field of health and fitness (such as sports promotion, corporate wellness, personal training, health promotion, and sports club management.) It also serves as a foundation for students wishing to pursue graduate work in fields such as sports medicine, exercise physiology, physical and occupational therapy, and athletic training.
Pre-Professional Management Program**,** which prepares students to enter the Master of Science in Management in the School of Business. Students lacking one or more Foundation Course Requirements may satisfy this requirement by taking the course(s) from the School of Business (offered in the traditional and online format) or be allowed to satisfy the requirement by taking and passing specific Ivy Software courses. Ivy Software course are taken online and at the students own pace. For more information about Ivy Software courses see www.ivysoftware.com. Each case must be coordinated and approved by the School of Business.

General Requirements and Procedures for Admission to the HLSA Program

1. Be accepted to Middle Georgia State University.
2. Have a cumulative grade point average of 2.25 or better.
3. Complete a Health Services Administration program application.

An associate degree *is not required* for admission to the program. Students who have NOT completed an Associate Degree Program must complete a minimum of 30 hours of major electives, including a minimum of 15 hours of upper division HLSA coursework to equal 120 hours total.
Students who HAVE completed an Associate Degree in an Allied Health Career Program, and after review by the HLSA Program Director and Department Chair, must complete a minimum 9 hours of electives in order to complete 39 hours of upper division coursework and equal 120 hours minimum total.

Curriculum for Bachelor of Science in Health Services Administration

The Health Services Administration degree requires 60 credit hours beyond the associate degree or its equivalent. A grade of at least a "C" is required in all 3000-4000 level HLSA courses used to meet the Health Services Administration degree requirements.

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
	Area A Math Elective	3

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Area D: Science, Math, and Technology (Credit: 11-12 hours)

Required (Credit: 3 hours)

MATH 1401	Elementary Statistics	3
	OR	
MATH 1401H	Honors Elementary Statistics	3

Choose 8-hours from the following classes:

Astronomy

ASTR 1010K	Astronomy of the Solar System	4
ASTR 1020K	Stellar and Galactic Astronomy	4

Biology

BIOL 1001K	Introductory Biology I	4
BIOL 1002K	Introductory Biology II	4
BIOL 1011K	Introduction to Biology	4
BIOL 1150	Field Studies in Biology	3
BIOL 1160K	Introduction to Fungi	4
BIOL 1332K	Introduction to Insects	4
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4

Chemistry

CHEM 1151K	Survey of Chemistry I	4
CHEM 1152K	Survey of Chemistry II	4
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 2211K	Organic Chemistry I	4
CHEM 2212K	Organic Chemistry II	4
CHEM 2999	Special Topics in Chemistry	2

Geology

GEOL 1011K	Introductory Geosciences I	4
GEOL 1125K	Physical Geology	4
GEOL 1126K	Historical Geology	4
GEOL 1130K	Introduction to Georgia Geology	4

Physics

PHYS 1011K	Physical Science I	4
PHYS 1012K	Physical Science II	4
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
	OR	
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4
PHYS 2999	Special Topics in Physics	1

Note: If students choose to take a four-hour course, then one hour of credit from this course will count in Area F where applicable. Students must have the necessary prerequisite for any course they choose.

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	Area E Elective	3
	Area E Elective	3

See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

For students who have NOT completed an Associate Degree Program Major Field— Lower Division.

Required courses (Credit: 12 hours)

ACCT 2000	Survey of Accounting	3
HS 2000	Medical Terminology	3

BUSA 2201	Business Information Applications	3
	OR	
ITEC 2201	Business Information Applications	3
PSYC 2103	Introduction to Human Development	3

Approved Electives (Credit: 6 hours)

Students must choose 2 courses or 6 credit hours to complete AREA F Requirements.

Upper Division Course Requirements (Credit: 60 hours)

The upper division course requirements consist of 30 hours of upper division core classes and 30 hours of upper division electives.
A grade of "C" or higher is required in all HLSA major courses.
A baccalaureate degree program must require at least 21 semester hours of upper division course work in the major field and at least 39 semester hours of upper division work overall.

Required Core (Credit: 30 hours)

HLSA 3000	Research Methods for Health Sciences	3
HLSA 3100	Leadership in Health Care	3
HLSA 3310	American Health Care System	3
HLSA 3320	Health Care Management	3
HLSA 3360	Quality Management and Improvement	3
HLSA 3380	Health Communications	3
HLSA 4100	Human Resource Management in Health Care	3
HLSA 4410	Health Law & Ethics	3
HLSA 4470	Design & Management	3
HLSA 4480	Health Care Financial Management	3

Upper Division Electives Requirements (Credit: 30 Hours)

Students choose either 10 courses (credit: 30 hours) of upper division electives OR 7 courses (credit: 21 hours) of upper division electives and 3 courses (credit: 9 hours) of other approved electives OR at least one of the following concentrations.

Concentrations

Clinical/Practice Management

HLSA 4425	Ambulatory Care Services	3
HLSA 4435	Managed Care	3
HLSA 4463	Case Management Concepts and Services	3
HLSA 4450	Applied Learning Experience	3
	OR	
HLSA 4452	Health Service Administration Capstone	3
	18 hours of approved electives	

Long Term Care Administration

HLSA 4420	Long Term Care Administration	3
HLSA 4450	Applied Learning Experience	3
	OR	
HLSA 4452	Health Service Administration Capstone	3
HLSA 4475	Regulatory Aspects of Long Term Care	3
SOCI 3150	Gerontology	3
	18 hours of approved electives	

Pre-Professional Management

Students lacking one or more Foundation Course Requirements may satisfy this requirement by taking the course(s) from the School of Business (offered in the traditional and online format) or be allowed to satisfy the requirement by taking and passing specific Ivy Software courses. Ivy Software courses are taken online and at the students' own pace. For more information about Ivy Software courses see www.ivysoftware.com. Each case must be coordinated and approved by the School of Business.

ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
BUSA 2105	Communicating in the Business Environment	3
ECON 2106	Principles of Microeconomics	3
MGMT 3101	Business Statistics	3
MGMT 3141	Principles of Management	3
	12 hours of approved electives	

Public Health Management

HLSA 3350	Public Health & Epidemiology	3
HLSA 3900	Health Promotion and Education	3
HLSA 4000	Special Topics in Health Care	1 - 6
HLSA 4000	Special Topics in Health Care	1 - 6
HLSA 4450	Applied Learning Experience	3
	OR	
HLSA 4452	Health Service Administration Capstone	3
	15 hours of approved electives	

HLSA 4000 is a special topics course that must be repeated with a different topic.

Sports and Fitness Management

HLSA 3400	Introduction to Sport and Fitness Management	3
HLSA 3410	Introduction to Exercise Science	3
HLSA 3420	Nutrition and Wellness	3
HLSA 3430	Sports Facility Planning and Event Management	3
HLSA 3435	Sports Marketing	3
HLSA 4450	Applied Learning Experience	3
	OR	
HLSA 4452	Health Service Administration Capstone	3
	12 hours of approved electives	

Total Hours: 120

Sport Management (B.S.)

Curriculum for the Bachelor of Science in Sport Management

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

ACCT 2000	Survey of Accounting	3
ECON 1101	Survey of Economics	3
BUSA 2105	Communicating in the Business Environment	3
BUSA 2201	Business Information Applications	3
	OR	

ITEC 2201	Business Information Applications	3
SMGT 2000	Sport and Society	3
	Any 1000-2000 Electives	3 hours

Sport Management Core (Credit: 18 hours)

MGMT 3141	Principles of Management	3
HLSA 3900	Health Promotion and Education	3
HLSA 3100	Leadership in Health Care	3
	Any 3000- or 4000- level Business Course or HLSA Course 3 hours	
	Any 3000- or 4000- level Business Course or HLSA Course 3 hours	
	Any 3000- or 4000- level Business Course or HLSA Course 3 hours	

Major Requirements (Credit: 27 hours)

SMGT 2400	Introduction to Sport Management	3
HLSA 3410	Introduction to Exercise Science	3
	OR	
HLSA 3420	Nutrition and Wellness	3
SMGT 4010	Legal Aspects of Sport and Fitness Management	3 hours
SMGT 4020	Financial Aspects of Sport Management	3 hours
SMGT 4030	Sport Marketing and Communication	3
SMGT 4040	Sport Policy and Governance	3
SMGT 4050	Public Policy and Sport	3
SMGT 4440	Sports Operations and Facilities Management	3 hours
MGMT 4605	Internship and/or Cooperative Education	1 - 9
	OR	
SMGT 4605	Internship and/or Cooperative Education	3

Open Electives (Credit: 15 hours)

Department of Management and Marketing

Chair: TBA

Admission Requirements – Bachelor of Science in Business Administration (BSBA)

Before being formally admitted into the BSBA in one of the four concentrations (Accounting, Management, Marketing, and General Business), students must complete 60 hours with a minimum overall 2.25 GPA and a "C" or higher in each of the following courses:

Required Courses

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1101	Introduction to Mathematical Modeling	3
	OR	
MATH 1111	College Algebra	3
	OR	
MATH 1112	Plane Trigonometry	3
	OR	
MATH 1113	Precalculus Mathematics	3

	OR	
MATH 1251	Calculus I	4
MATH 1401	Elementary Statistics	3
ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3
BUSA 2105	Communicating in the Business Environment	3
One of the Following		
ITEC 2201	Business Information Applications	3
	OR	
BUSA 2201	Business Information Applications	3

Students who have completed 45 hours that include the above bulleted courses and are enrolled in the last few required lower-level courses may be granted approval to take Upper-Division courses. Such students must complete the Upper-Division Course Request Form to request authorization to enroll in 3000-level courses. The form is available in the School of Business Administrative Office. At the time of the request, students who have not satisfied the above bulleted requirements, the completion of the required 45 hours, and the prerequisites in Area F needed for some of the upper-level courses will be denied permission to enroll in courses during the advanced registration period. No exceptions will be granted.

Once a student has successfully completed the requirements for admission to the BSBA program, he/she will be assigned an academic advisor in the discipline of his/her choice.

Job Opportunities

Completion of the degree prepares graduates for employment opportunities in both the private and public sectors. Business professionals who have a theoretical foundation and knowledge of all areas of business are an important part of any management team.

Depending on the particular concentration selected, graduates will find job opportunities in traditional areas of accounting, marketing, and management.

In General Business, students will study in each of the functional areas of business: accounting, management, and marketing. The General Business major will appeal to students who desire a broad background in all areas of business rather than specialization in any one field of business or who have an interest in law or employment at the entry level where the position requires knowledge of all fields of business but without the special emphasis of one particular discipline.

In Entrepreneurship, students will study across various disciplines in business, focusing on the challenges of creating and running new and growing businesses. The entrepreneurship concentration is applicable to students who wish to start their own ventures or to work in a variety of entrepreneurial environments. Students will combine theory with practice, through creating business plans, working on field projects, and gaining insight from leaders in the entrepreneurial business community.

In Marketing, students will be prepared to manage the set of processes for creating, communicating, and delivering value to customers in ways that benefit the organization and its stakeholders, in both domestic and international markets. Graduates will find job opportunities in the areas of product and brand management, sales, services and social marketing, retailing, advertising, and market research. The information technology component of this degree will provide knowledge and skills to utilize multimedia programs, databases, networks, and electronic commerce in marketing activities.

In Management, students will study production and operations management, organizational behavior, quantitative methods, labor relations, and human resource management. They will have the opportunity to learn about small business development and international business. Management graduates will be prepared for administrative careers in the public and private sector. The curriculum offers courses that will prepare graduates for job opportunities in human resources management, labor relations, training and development, and operations management.

Supply Chain and Logistics Management. The concentration of Supply Chain and Logistics Management was added to address the need for an undergraduate degree in this discipline due to the growth in careers in Central Georgia for professions in the management of warehousing and distribution centers, domestic and global transportation, procurement, operations, and 'order fulfillment' in the region. Students will study logistics and transportation management, purchasing, warehousing and distribution, supply chain technology, and global supply chain strategy. This concentration will prepare students for positions such as logistics – transportation management, supply chain operations, warehouse and distribution center management, purchasing, and 3rd party logistics management.

Business Administration (B.S.)

The **Bachelor of Science Degree in Business Administration (BSBA; formerly Business and Information Technology),** offered through the School of Business, provides students with a traditional foundation in business using a balanced theoretical and practical approach. It is designed to prepare students to quickly become productive members in their chosen fields while also preparing them to challenge the status quo and navigate organizations through future challenges.
The curriculum is designed to provide students with a strong balance of business, organizational, interpersonal, and technical skills. Students in the degree program take core courses in business and then select a concentration (or dual concentrations) from among accounting, general business, marketing, and management.

Curriculum for Bachelor of Science in Business Administration

The Business Administration degree requires 60 credit hours beyond the associate degree or its equivalent. A grade of at least a "C" is required in all 3000-4000 level courses used to meet the Business Administration degree requirements.

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field (Credit: 15 hours)

ACCT 2101	Principles of Accounting I	3
ACCT 2102	Principles of Accounting II	3
BUSA 2105	Communicating in the Business Environment	3
ECON 2105	Principles of Macroeconomics	3
ECON 2106	Principles of Microeconomics	3

Choose one of the following (Credit: 3 hours)

ITEC 2201	Business Information Applications	3
BUSA 2201	Business Information Applications	3

Business Core (Credit: 27 hours)

BUSA 3340	Business Analysis using Excel	3
FINA 3110	Principles of Finance	3
LENB 3135	Legal Environment of Business	3
MGMT 3101	Business Statistics	3
MGMT 3104	International Business	3
MGMT 3141	Principles of Management	3
MGMT 3160	Principles of Management Information Systems	3
MGMT 4195	Strategic Management	3
MKTG 3161	Principles of Marketing	3

Concentration Requirements (Credit: 33 hours)

Students pursuing a Bachelor of Science in Business Administration must complete one of the following concentrations:

General Business Concentration

Required Business Electives (Credit: 15 hours)

Students must take the following:

ACCT 3000/4000	One ACCT 3000/4000 level course	3
	Two MGMT 3000/4000 level courses (Credit: 6 hours)	
	Two MKTG 3000/4000 level courses (Credit: 6 hours)	

General Electives (Credit: 18 hours)

Students must take the following:

	Three 3000/4000 level General Electives (Credit: 9 hours)	

Three General Electives (Credit: 9 hours)

Management Concentration

Required Courses (Credit: 12 hours)

MGMT 3102	Human Resource Management	3
MGMT 3155	Organizational Behavior	3
MGMT 3165	Production & Operations Management	3
MGMT 3175	Quantitative Methods	3

Management Electives (Credit: 6 hours)

Choose two of the following:

MGMT 3314	Purchasing and Supply Management	3
MGMT 4115	Collective Bargaining/Labor Relations	3
MGMT 4125	Compensation and Benefits	3
MGMT 4135/MKTG 4135	Entrepreneurship	3
MGMT 4151/MKTG 4151	Principles of Contracting	3
MGMT 4152/MKTG 4152	Contract Evaluation and Award	3
MGMT 4153/MKTG 4153	Contract Pricing	3
MGMT 4165/MKTG 4165	Small Business Management	3
MGMT 4166	Advanced Operations Management	3
MGMT 4167	Operations Strategy	3
MGMT 4171	Continuous Process Improvement	3
MGMT 4172	Advanced Six Sigma	3
MGMT 4181	Service Management	3
MGMT 4505	Special Topics	1 - 3
MGMT 4605	Internship and/or Cooperative Education	1 - 9
MGMT 4805	Independent Study	1 - 3

Business Elective (Credit: 3 hours)

Choose:

One other 3000/4000 level Business elective (Credit: 3 hours)

General Electives (credit: 12 hours)

Students must take the following:

Two 3000/4000 level General Electives (Credit: 6 hours)

Two General electives (Credit: 6 hours)

Marketing Concentration

Required Courses (Credit: 15 hours)

MKTG 3162	Consumer Behavior	3
MKTG 3170	Sales and Sales Management	3
MKTG 4161	Marketing Research	3
MKTG 4163	Services Marketing	3
MKTG 4198	Marketing Management	3

Marketing Electives (credit: 6 hours)

Choose two of the following:

MKTG 3167	Retailing	3

MKTG 4135	Entrepreneurship	3
MKTG 4151	Principles of Contracting	3
MKTG 4152	Contract Evaluation and Award	3
MKTG 4153	Contract Pricing	3
MKTG 4165	Small Business Management	3
MKTG 4170	Social Media	3
MKTG 4505	Special Topics	3
MKTG 4605	Internship and/or Cooperative Education	1 - 9
MKTG 4805	Independent Study	1 - 3

General Electives (credit: 12 hours)

Students must take the following:

Two 3000/4000 level General Electives (Credit: 6 hours)
Two General electives (Credit: 6 hours)

Supply Chain and Logistics Management Concentration

Required Courses (Credit: 18 hours)

Take all of the following classes:

MGMT 3314	Purchasing and Supply Management	3
SCM 3000/AMGT 3201	Fundamentals of Logistics Management	3
SCM 3300	Warehousing and Distribution	3
SCM 4110	Global Supply Chain Strategy	3
SCM 4120	Supply Chain Technology	3
SCM 4130	Transportation Management	3

Management Electives (Credit: 6 hours)

Choose two of the following:

MGMT 3102	Human Resource Management	3
MGMT 3155	Organizational Behavior	3
MGMT 3175	Quantitative Methods	3
MGMT 4115	Collective Bargaining/Labor Relations	3
MGMT 4125	Compensation and Benefits	3
MGMT 4135/MKTG 4135	Entrepreneurship	3
MGMT 4151/MKTG 4151	Principles of Contracting	3
MGMT 4165/MKTG 4165	Small Business Management	3
MGMT 4167	Operations Strategy	3
MGMT 4171	Continuous Process Improvement	3
MGMT 4181	Service Management	3
MGMT 4505	Special Topics	1 - 3
MGMT 4605	Internship and/or Cooperative Education	1 - 9
MGMT 4805	Independent Study	1 - 3

Business Elective (Credit: 3 hours)

Choose:
One other 3000/4000 level Business elective (Credit: 3 hours)

Two General Electives (Credit: 6 hours)

Students must take the following:
Two General Electives (Credit: 6 hours)

Entrepreneurship Concentration

Required courses (Credit: 18 hours)

ENTR 4900	Social Entrepreneurship	3
ENTR 4950	Entrepreneurship Capstone Project	3
MGMT 4135/MKTG 4135	Entrepreneurship	3
MGMT 4165/MKTG 4165	Small Business Management	3
MKTG 4161	Marketing Research	3
ITEC 3400	Technology Entrepreneurship	3

Entrepreneurship Electives (Credit: 6 hours)

Choose two of the following.

ACCT 3120	Principles of Taxation I	3
COMM 2205	Introduction to Interpersonal Communication	3
ITEC 3405	Creativity & Innovation	3
ITEC 3410	Startups Financing and Marketing Strategies	3
ITEC 3415	Managing & Growing an IT Venture	3
MGMT 3102	Human Resource Management	3
MGMT 3314	Purchasing and Supply Management	3
MGMT 4151/MKTG 4151	Principles of Contracting	3
MGMT 4505	Special Topics	1 - 3
MKTG 3162	Consumer Behavior	3
MKTG 3170	Sales and Sales Management	3
MKTG 4170	Social Media	3
MKTG 4198	Marketing Management	3
NMAC 3108	Writing for Digital Media	3
SCM 3000/AMGT 3201	Fundamentals of Logistics Management	3

Business Elective (Credit: 3 hours)

Choose:
One other 3000/4000 level Business elective (Credit: 3 hours)

Two General Electives (Credit: 6 hours)

Students must take the following:
Two General Electives (Credit: 6 hours)
*Management and Marketing students may take a second concentration or they may take a concentration offered under the Department of Accounting and Finance (p. 121).

Total Hours: 120

Business (Minor)

The Business Minor requires 15 hours of coursework. A grade of 'C' or better is required in all courses taken for the minor.

Curriculum for the Minor in Business

Required Courses (Credit: 12 hours)

Take the following courses:

ACCT 2000	Survey of Accounting	3
ECON 1101	Survey of Economics	3
MGMT 3141	Principles of Management	3
MKTG 3161	Principles of Marketing	3

Elective (Credit: 3 hours)

	Any 3000- or 4000-level Business Course	3 hours

Note: Students who intend to pursue a Master of Science in Management should choose MGMT 3101 - Business Statistics as their elective.

Logistics Management Certificate

Logistics Management (Certificate)

Required Courses (Credit: 15 Hours)

AMGT 3114	Purchasing and Materials Management	3
AMGT 3201	Fundamentals of Logistics	3
AMGT 3211	Application of Technology Logistics	3
AMGT 4301	Principles of Transportation	3
AMGT 4302	Supply Chain Management	3

Electives (Credit: 6 hours)

Take two of the following Courses

AMGT 3102	Fundamentals of Aviation Business Ethics in the Aviation Profession	3
AMGT 3107	Fundamentals of Operations Management	3
AMGT 3141	Fundamentals of Leadership and Decision Making	3
AMGT 3200	Globalization and Human Resource Management	3

School of Computing

Dean: Dr. Alex Koohang
Associate Dean: Dr. Kevin Floyd

The mission of the School of Computing is to educate students in ways that lead to fulfilling careers and enhance the economic vitality of Central Georgia. The School provides its graduates with the analytical and problem-solving skills required to excel within an increasingly interconnected and changing global environment. The School pursues this mission as an educational leader in teaching excellence, scholarship, professional service, and community outreach.

The School of Computing offers programs of study in Information Technology and Mathematics. The School consists of two academic departments:

- Department of Information Technology – Chair (Interim): Dr. Kembley Lingelbach
- Department of Mathematics and Statistics – Chair: Dr. Richard Kilburn

Administrative offices for the School of Computing are located in the Professional Sciences Center and the Mathematics Building.

Department of Information Technology

Chair: Dr. Kembley Lingelbach

The Department of Information Technology is a unit of School of Computing. The department offers a Bachelor of Science degree in Information Technology with ten concentrations: Cyber Forensics, Cybersecurity, Data Analytics, Financial Technology, Integrated Digital Media and Game Design, Networking Technologies and Administration, Software Engineering, Web Applications Development, Health Informatics, and Technology Entrepreneurship. Students may also elect to graduate with a generalist BSIT degree. The department also offers a Bachelor of Science degree in Computer Science with concentrations in Human-Computer Interactions and Computer Science Education.

The department has minors available in Information Technology or Web Design and Instructional Technology. The department also offers an Associate of Science degree in Financial Technology, Associate of Science in Computer Science, as well as a certificate in Financial Technology.

The Department of Information Technology offers a Master of Science in Information Technology with six concentrations in: Cyber Security & Forensics, Software Development, Health Informatics, Homeland Security, Social Media, and Data Science. Students may also elect to graduate with a generalist MSIT degree.

The Department of Information Technology offers the Doctor of Science (D.Sc.) in Information Technology program as well. The D.Sc. program is cohort-based with admission to the program occurring once per year in the Summer semester.

Acceptance into the Information Technology Programs

The Bachelor of Science in Information Technology admission requires any transfer student to have at least a 2.0 GPA. Students must not have any Learning Support (LS) requirements to be eligible for admission to the program.
The Bachelor of Science in Computer Science admission requires any transfer student to have at least a 2.0 GPA. Students must not have any Learning Support (LS) requirements to be eligible for admission to the program.
The Master of Science in Information Technology admission requires applicants to have earned a bachelor's degree in IT, MIS, CS, or a closely related field from an accredited college or university with a GPA of at least 2.75 OR a 2.5 GPA with significant work experience in Information Technology as documented by a resume and other appropriate documents.
The Doctor of Science in Information Technology admission requires applicants to have earned a master's degree in IT or a related field from an accredited college or university with a GPA of at least 3.0. Priority admission applications should be submitted by the first week of March.

Information Technology Program Educational Objectives

The IT program provides students with knowledge in the core information technologies and builds on that knowledge to create professionals who meet the business and economic needs of Central Georgia. The program is designed to produce graduates with a diversified set of skills, roles, and experiences including knowledge in network administration, cyber security, cyber forensics, digital media, game design, web applications development, financial technology, and software engineering. The knowledge areas prepare graduates for careers in a range of organizations.
The core knowledge in the Bachelor of Science in IT degree includes programming, web design, systems analysis and design, human computer interaction, database principles, project management, legal and ethical issues in information technology, and information assurance. In the Senior Capstone course students work in teams to analyze, design, develop, implement, and assess an information system based on their accumulated knowledge throughout the IT program.
The courses in the program emphasize critical thinking, problem solving, decision-making, interpersonal, and communication skills. Career success through lifelong learning and professional development is emphasized at throughout the curriculum.
The department anticipates that a few years after graduation, graduates will:

1. Assume productive roles in IT-related positions, such as network administrator, software developer, web developer, systems analyst, cyber security analyst/officer, cyber forensics investigator, multimedia designer, and database administrator; and
2. Pursue life-long learning enabling them to adapt and grow as organizational responsibilities change.

Information Technology Student Outcomes

Upon completion of the baccalaureate program in IT, students should be able to:

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computing-based systems.

Information Technology (B.S.)

The Bachelor of Science in Information Technology includes ten concentrations: Cyber forensics, Cybersecurity, Data Analytics, Financial Technology, Integrated Digital Media & Game Design, Networking Technologies & Administration, Software Engineering, Web Applications Development, Health Informatics, and Technology Entrepreneurship.
Candidates for the baccalaureate degree in IT must complete all graduation requirements as outlined in the Middle Georgia State University *Academic Catalog*. A grade of at least a "C" is required in all ITEC courses used to meet the School of Computing's degree requirements.
Students pursuing the Bachelor of Science degree in Information Technology must complete the following:

Curriculum for Bachelor of Science in Information Technology

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1111	College Algebra	3
	OR	
MATH 1112	Plane Trigonometry	3
	OR	
MATH 1113	Precalculus Mathematics	3
	OR	
MATH 1113H	Honors Precalculus	3
	OR	
MATH 1251	Calculus I	4

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
COMM 1110	Public Speaking	3

Area D: Science, Math and Technology (Credit: 11 hours)

	Lab Science	4
	Lab Science	4

Area D Elective Credit: 4 hours

Choose from

MATH 1401	Elementary Statistics	3
MATH 1251	Calculus I	4
MATH 1501	Calculus I	4
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3
MATH 2270	Differential Equations	4

MATH 1501: eCore

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	Area E Elective	3
	Area E Elective	3

See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field – take the following:

ITEC 2215	Introduction to Information Technology	3

ITEC 2260	Introduction to Computer Programming	3
ITEC 2270	Application Development	3
ITEC 2320	Network Essentials	3
ITEC 2380	Web Development	3

ITEC 2215: Note: School of Information Technology will accept a passing grade of 50 from the CLEP Exam "Information Systems and Computer Applications" as credit for ITEC 2215 – Introduction to Information Technology.

Area F Math Elective - Choose one course from the following:

MATH 1251	Calculus I	4
	OR	
MATH 1501	Calculus I	4
MATH 2120	Discrete Mathematics	3
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3
MATH 2270	Differential Equations	4

MATH 1501: eCore

Total Hours: 60

Area I: Information Technology upper-level Core Curriculum (Required) (Credit: 21 hours)

ITEC 3155	Systems Analysis and Design	3
ITEC 3235	Human Computer Interaction	3
ITEC 3245	Database Principles	3
ITEC 3300	Project Management	3
ITEC 4200	Foundations of Information Security	3
ITEC 4205	Legal and Ethical Issues	3
ITEC 4750	Senior Capstone	3

Area II: Information Technology Upper-Level Courses (Required) (Credit: 15-30 hours)

This area is satisfied by taking an ITEC concentration (see below); or approved ITEC upper-level courses.

Area III: Additional courses (Required) (Credit: 9-24 hours)

These courses may be taken in:

1. Upper-level ITEC courses in the program;
2. Informatics courses deemed appropriate for providing students with a strong foundation in IT as well as a deeper understanding of another discipline; or
3. Approved transfer courses.

ITEC Concentrations

Financial Technology Concentration (Credit: 21 hours)

Financial technology, also known as FinTech, is an economic industry composed of companies that use technology to make financial services more efficient. The AS degree program will expose students to the IT domains that make up the FinTech industry, including industry trends, disruptive technologies, big data, analytics, applications development, entrepreneurship, and cybersecurity.

FTA 4001	Foundations of FinTech	3
FTA 4002	Financial Technologies	3
FTA 4003	Commercial Banking and FinTech	3
FTA 4005	Introduction to Financial Data Analytics	3
FTA 4100	Introduction to Information Security for FinTech	3

Choose any Two (2) of the following:

FTA 3810	Payment Processing	3
FTA 3850	Digital Payments Security	3

FTA 3860	Emerging Payment Technologies	3

Electives (Credit: 18 hours)

FTA 2xxx/3xxx/4xxx courses. or ITEC 3XXX/4XXX courses;
Approved transfer courses
Transfer courses
Courses from within and/or outside ITEC
PLA Credit

Cyber Forensics Concentration (Credit: 21 hours)

Students will learn the cyber forensics process of acquisition, analysis, and reporting. Learners will carry out the procedures of identification, collection, preservation, examination, analysis, and reporting of evidence for civil and criminal cases. Students will learn about the tools and processes to handle digital evidence. Cyber forensics includes using scientific methods and providing extensive documentation to ensure the preservation and integrity of the investigation. The cyber forensics program is designated as a National Center of Digital Forensics Academic Excellence (CDFAE) by the U.S. Department of Defense Cyber Crime Center (DC3).

Required (Credit: 15 hours)

ITEC 4321	Forensics/Data Recovery	3
ITEC 4322	Advanced Digital Forensics	3
ITEC 4341	Network Forensics and Incident Response Planning	3
CRJU 3200	Criminal Procedure & Evidence	3
CRJU 4310	White Collar and Cyber Crime	3

Select two classes from the following (Credit: 6 hours)

ITEC 3328	Linux Systems Administration	3
ITEC 4323	Mobile Forensics	3
ITEC 4344	Ethical Hacking	3

Cybersecurity Concentration (Credit: 27 hours)

The Cybersecurity concentration involves detecting, reporting, and responding to cyber threats, making encryption codes to securely pass information between systems, and taking appropriate measures to ensure the security of valuable information. Students will learn about server and network security, incident response and contingency planning, conducting vulnerability assessments, and penetration testing. Students who complete this new concentration will have the National Security Agency (NSA) and Department of Homeland Security (DHS) National Center of Academic Excellence in Cyber Defense Education (CAE-CDE) designation noted on their academic transcripts.

Required (Credit: 27 hours)

ITEC 3325	Windows Systems Administration	3
ITEC 3328	Linux Systems Administration	3
ITEC 4321	Forensics/Data Recovery	3
ITEC 4341	Network Forensics and Incident Response Planning	3
ITEC 4344	Ethical Hacking	3
ITEC 4361	Software Security	3
ITEC 4370	Virtual Computing	3
ITEC 4421	Network Security	3
MATH 3700	Applied Calculus for Information Technology	3

Data Analytics Concentration (Credit: 21 hours)

The Data Analytics concentration provides students with the tools to enhance programming and data mining skills and build the data analysis expertise. This concentration features core classes in applied statistics, programming and data mining techniques. It will help students prepare for job opportunities in a wide variety of fields and sectors from financial industry to programming and software development.

MATH 3440	Data Exploration and Visualization	3
MATH 3500	Applied Probability	3
MATH 4611	Applied Statistics I	3
ITEC 3100	Python Scripting	3
ITEC 3351	Analytics and Organizational Intelligence	3
ITEC 3355	Data Mining	3
ITEC 4244	Database Programming	3

Integrated Digital Media and Game Design Concentration (Credit: 21 hours)

The Integrated Digital Media & Game Design concentration prepares students in the design and development of digital media and games for use in a variety of IT applications. Through the various courses, students will develop competencies in evaluating user and product needs and in designing, developing, and implementing digital media products to meet those needs. Students learn a broad range of skills including graphic design and production, interface design, and analysis and design techniques for constructing interactive applications. Graduates will find career opportunities as digital media designers and developers, game developers, multimedia specialists, and trainers.

Required (Credit: 15 hours)

ITEC 3236	Interactive Digital Media	3
ITEC 4230	Graphic Imaging	3
ITEC 4238	2D Computer Animation	3
ITEC 4237	3D Modeling and Animation	3
ITEC 4255	Game Design and Development	3

Select two classes from the following (Credit: 6 hours)

ITEC 4250	Computational Intelligence	3
ITEC 4284	Web Multimedia Delivery	3
NMAC 3108	Writing for Digital Media	3
NMAC 3145	Introduction to Media Production	3
NMAC 3600	Digital Storytelling	3

Networking Technologies and Administration Concentration (Credit: 21 hours)

The Network Technologies & Administration concentration educates students in the use of current concepts and technologies of networking. Students will learn to analyze the needs of organizations, communicate the needs to the users, and then design and build networks to meet those needs. Graduates will be prepared for positions in networking or systems administration.

Required (Credit: 15 hours)

ITEC 3325	Windows Systems Administration	3
ITEC 3328	Linux Systems Administration	3
ITEC 4329	Data Communications	3
ITEC 4370	Virtual Computing	3
ITEC 4421	Network Security	3

Select two classes from the following (Credit: 6 hours)

ITEC 3220	Hardware and Systems Software	3
ITEC 4242	Database Administration	3
ITEC 4285	Network Services	3
ITEC 4330	Routing and Switching	3
ITEC 4332	Firewalls and VPNs	3

Software Engineering Concentration (Credit: 30 hours)

Software Engineering (SE) is defined by IEEE as "the application of a systematic, disciplined, quantifiable approach to the development, operation, and maintenance of software." SE is the discipline that provides methods and tools for constructing quality software and one of the fastest growing areas in the Information Technology field. The Software Engineering concentration will prepare IT students for careers in the field by exposing them to foundational software engineering knowledge and practical skills.
The Software Engineering concentration consists of the following 10 courses:

ITEC 3250	Software Engineering	3
ITEC 3265	Operating Systems	3
ITEC 4264	Data Structures and Algorithm Analysis	3
ITEC 4261	Intro to JAVA Programming	3
	OR	
ITEC 4266	C++ Programming	3
ITEC 4270	Robot Programming	3
ITEC 4361	Software Security	3

ITEC 4362	Computer Architecture	3
ITEC 4365	Software Testing and Quality Assurance	3
ITEC 4367	Advanced Software Engineering	3
MATH 3700	Applied Calculus for Information Technology	3

Web Applications Development Concentration (Credit: 24 hours)

The Web Applications Development concentration prepares students for the design, development, and implementation of web-based application solutions. Graduates will be prepared for a variety of careers including web development, software or systems developers, web application developers, or database programmers.

ITEC 3280	Web Programming	3
ITEC 4244	Database Programming	3
ITEC 4261	Intro to JAVA Programming	3
ITEC 4264	Data Structures and Algorithm Analysis	3
ITEC 4286	Web Applications Development	3
ITEC 4361	Software Security	3
ITEC 4366	Advanced Web Development	3
ITEC 4269	Client/Server Systems Programming	3

Health Informatics Concentration (Credit: 15 hours)

Informatics is the bridge that connects Information Technology to other areas of study. An Informatics Concentration provides students with a strong foundation in IT as well as a deeper understanding of another discipline.
All courses in the Informatics Concentration are taken outside the School of Information Technology. These courses cover the foundations, theory, and principles.
Some courses for the Informatics Concentration may not be available online.

Required Courses (Credit: 9 hours)

HLSA 3310	American Health Care System	3
HLSA 3320	Health Care Management	3
HLSA 4470	Design & Management	3

Required Electives (Credit: 6 hours)

Select two courses from the following:

HLSA 3350	Public Health & Epidemiology	3
HLSA 3360	Quality Management and Improvement	3
HLSA 4410	Health Law & Ethics	3
HLSA 4435	Managed Care	3

Technology Entrepreneurship Concentration (21 hours)

This concentration emphasizes the fundamentals of technology entrepreneurship topics required for students who would like to launch their own technology-based ventures. In addition, this program prepares students to become intrapreneurs -- a company insider that applies their entrepreneurial knowledge and skills to their position within the company they work for.

Required Courses (15 hours)

ITEC 3400	Technology Entrepreneurship	3
ITEC 3405	Creativity & Innovation	3
ITEC 3410	Startups Financing and Marketing Strategies	3
ITEC 3415	Managing & Growing an IT Venture	3
ITEC 4760	Business Plan Development	3

Required Electives (6 hours)

Elective (6 hours):
These courses can be approved courses from ITEC and Business courses, approved transfer courses from other accredited higher education institutions and/or PLA Credit.
Total Hours: 120

Associate of Science in Computer Science

Associate of Science in Computer Science

AREA A: ESSENTIAL SKILLS (CREDIT: 9-10 HOURS)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

Choose one of the following:

MATH 1113	Precalculus Mathematics	3
MATH 1251	Calculus I	4

AREA B: INSTITUTIONAL OPTIONS (CREDIT: 4 HOURS)

ITEC 1001	Perspectives on the History of Computing	4

AREA C: HUMANITIES/FINE ARTS (CREDIT: 6 HOURS)

	Literature Elective	3
	AND	
COMM 1100	Human Communication	3
	OR	
COMM 1110	Public Speaking	3

AREA D: SCIENCE, MATH AND TECHNOLOGY (CREDIT: 11 HOURS)

	Choose one of the following MATH courses:	
MATH 1251	Calculus I	4
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3
MATH 2270	Differential Equations	4
	AND	
	Lab Science	4
	AND	
	Lab Science	4

AREA E: SOCIAL SCIENCES (CREDIT: 12 HOURS)

POLS 1101	American Government	3
	AND	
HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
	AND	
	Choose any two Social Science Courses	6

Area F: Lower Division Major Requirements (Credit: 18 Hours)

CSCI 1301	Computer Science I	3
CSCI 1302	Computer Science II	3
MATH 2252	Calculus II	4
MATH 2120	Discrete Mathematics	3
CSCI 2300	Experiential Learning in CS	3

Choose one of the following

CSCI 2201	Principles of Programming Languages	3
CSCI 2205	Introduction to Data Structures and Algorithms	3
CSCI 2207	Ethics in Computer Science	3
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3

Total: 60 credit hours

Bachelor of Science in Computer Science

Bachelor of Science in Computer Science

The Bachelor of Science in Computer Science provides opportunities for students to expand their knowledge by learning about innovative software, computer programming, and technology to provide a critical advantage in a popular industry. Students will become fluent in current programming languages, explore database management, and dive into the latest concepts in HCI. The Bachelor of Science in Computer Science includes concentrations in Human-Computer Interaction and Education.

Candidates for the baccalaureate degree in CS must complete all graduation requirements as outlined in the Middle Georgia State University *Academic Catalog*. A grade of at least a "C" is required in all CSCI courses used to meet the School of Computing's degree requirements.

AREA A: ESSENTIAL SKILLS (CREDIT: 9-10 HOURS)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

Choose one of the following:

MATH 1113	Precalculus Mathematics	3
MATH 1251	Calculus I	4

Note: Courses required for Area A must be completed within the first 30 hours.

AREA B: INSTITUTIONAL OPTIONS (CREDIT: 4 HOURS)

ITEC 1001	Perspectives on the History of Computing	4

AREA C: HUMANITIES/FINE ARTS (CREDIT: 6 HOURS)

	Literature Elective	3
	AND	
COMM 1100	Human Communication	3
	OR	
COMM 1110	Public Speaking	3

AREA D: SCIENCE, MATH AND TECHNOLOGY (CREDIT: 11 HOURS)

	Choose one of the following MATH courses:	
MATH 1251	Calculus I	4
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3
MATH 2270	Differential Equations	4
	AND	
	Lab Science	4
	AND	
	Lab Science	4

AREA E: SOCIAL SCIENCES (CREDIT: 12 HOURS)

POLS 1101	American Government	3
	AND	

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
	AND	
	Choose any two Social Science Courses	6

Area F: Lower Division Major Requirements (Credit: 18 Hours)

CSCI 1301	Computer Science I	3
CSCI 1302	Computer Science II	3
MATH 2252	Calculus II	4
MATH 2120	Discrete Mathematics	3
CSCI 2300	Experiential Learning in CS	3

Choose one of the following

CSCI 2201	Principles of Programming Languages	3
CSCI 2205	Introduction to Data Structures and Algorithms	3
CSCI 2207	Ethics in Computer Science	3
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3

Computer Science Core (33 Hours)

Students must take all of the following:

CSCI 3235/ITEC 3235	Human Computer Interaction	3
CSCI 3245/ITEC 3245	Database Principles	3
CSCI 3250/ITEC 3250	Software Engineering	3
CSCI 3251	Object-Oriented Programming	3
CSCI 3265/ITEC 3265	Operating Systems	3
CSCI 4264/ITEC 4264	Data Structures and Algorithm Analysis	3
CSCI 4270/ITEC 4270	Robot Programming	3
CSCI 4361/ITEC 4361	Software Security	3
CSCI 4362/ITEC 4362	Computer Architecture	3
CSCI 4365/ITEC 4365	Software Testing and Quality Assurance	3
CSCI 4750/ITEC 4750	Senior Capstone	3

Computer Science Education (27 Hours)

The concentration in Education provides a pathway for students interested in teaching Computer Science in grades P-12. Well-prepared teachers of computer science are in high demand to meet the needs of economic growth and technological advances. Students learn strong foundations in content knowledge across diverse areas of computer science along with the skills necessary to convey these concepts to others. This program adheres to all state and national standards and provides credentials to teach computer science in P through 12th grades.

EDUC 3100	Reading in Multiple Literacies	3
EDUC 3520	Classroom Management	2 Credits
EDUC 4120	Integrated Secondary Curriculum, Instruction, and Assessment	3
EDUC 4130	Methods in Content Area	4
EDUC 4140	Practicum	3
EDUC 4150	Clinical	9
SPED 3110	Introduction to the Exception Learner	3

Human Computer Interaction (27 Hours)

The Human-Computer Interaction concentration is an important, emerging computer science track that studies how people interact with a variety of modern computing devices from large server machines to handheld devices to tiny, ubiquitous computers to robots. The HCI concentration prepares students for the design, evaluation, implementation, and use of various interactive systems. Graduates will be prepared for several careers including software engineers, web application developers, or software designers and developers for interactive systems and computing products.

CSCI 4451	Introduction to HCI Design	3
CSCI 4452	HCI Methods – Design and Evaluation	3
CSCI 4453	Web Application Design	3
CSCI 4454	Human Robot Interaction	3
CSCI 4230/ITEC 4230	Graphic Imaging	3
CSCI 4237/ITEC 4237	3D Modeling and Animation	3
CSCI 4238/ITEC 4238	2D Computer Animation	3
CSCI 4250/ITEC 4250	Computational Intelligence	3
CSCI 4255/ITEC 4255	Game Design and Development	3

Total: 120 credit hours

Financial Technology (Fintech) (A.S.)

To meet the demands of Georgia's growing Financial Transactions industry, Middle Georgia State has created the AS in Financial Technology. The program's curriculum has been developed with direct input from industry leaders, ensuring that graduates of this degree are well equipped with the skills needed to work in this high-demand career field.

Financial technology, also known as FinTech, is an economic industry composed of companies that use technology to make financial services more efficient. The AS degree program will expose students to the IT domains that make up the FinTech industry, including industry trends, disruptive technologies, big data, analytics, applications development, entrepreneurship, and cybersecurity.

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1111	College Algebra	3
	OR	
MATH 1112	Plane Trigonometry	3
	OR	
MATH 1113	Precalculus Mathematics	3
	OR	
MATH 1113H	Honors Precalculus	3
	OR	
MATH 1251	Calculus I	4

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
COMM 1110	Public Speaking	3

Area D: Science, Math and Technology (Credit: 11 hours)

	Lab Science	4

	Lab Science	4

Area D Elective Credit: 4 hours

Choose from		
MATH 1401	Elementary Statistics	3
MATH 1251	Calculus I	4
MATH 1501	Calculus I	4
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3
MATH 2270	Differential Equations	4

MATH 1501: eCore

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	Area E Elective	3
	Area E Elective	3

See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 15 hours)

FTA 2400	Introduction to Financial Technology	3
FTA 2410	Coding for FinTech	3
FTA 2420	Data Analytics for FinTech	3
FTA 2430	Cybersecurity for FinTech	3
FTA 2440	Financial Technologies and Services	3

Math Elective (Credit: 3 hours)

Take the following:		
MATH 1401	Elementary Statistics	3

Information Technology (Minor)

Middle Georgia State University's School of Computing offers a minor in Information Technology (IT) for undergraduates enrolled in any discipline or program other than IT. The IT minor is designed for students who wish to develop knowledge and skills in applying as well as integrating current computing technologies to enhance and support their primary field of studies.
Information technology has become increasingly important in such fields as education, nursing, business, biology, history, public service, and communications. Few careers exist today that are not impacted by technology, and graduates in all fields should be prepared to use it to its greatest potential.

Goal

A minor in Information Technology provides students with essential skills needed in a variety of fields, including:

- Enhancing the student's understanding of the fundamentals of information technology.
- Developing the student's ability to specify, select, and utilize information technology in his or her major field of study.
- Equipping students with the skills and terminology needed to interact with technology professionals.

The minor in Information Technology contains a total of 15 hours of coursework with a minimum of nine hours in upper division IT courses at Middle Georgia State University.
Grade Requirements: A grade of "C" or better must be earned in all courses used to satisfy the minor.

Curriculum for the Minor in Information Technology

Required Coursework (Credit: 3 hours)

ITEC 2215	Introduction to Information Technology	3
	OR	
ITEC 2201	Business Information Applications	3

The additional four courses may be selected from any course in the IT curriculum, at least three of which must be at the 3000 or 4000 level.

While any combination of courses meeting the above requirements will be suitable for a minor, the School of Computing recommends that at least some of the selected courses focus on competencies central to the information technology profession. Courses selected from the following list will accomplish this goal. (Credit: 12 hours)

ITEC 2320	Network Essentials	3
ITEC 2380	Web Development	3
ITEC 3155	Systems Analysis and Design	3
ITEC 3235	Human Computer Interaction	3
ITEC 3236	Interactive Digital Media	3
ITEC 3245	Database Principles	3
ITEC 3300	Project Management	3
ITEC 3340	Business Analysis Using Excel	3
ITEC 4205	Legal and Ethical Issues	3

And any other courses approved by the Dean of the School of Computing

Total Hours: 15

Web Design and Instructional Technology (Minor)

Middle Georgia State University's Department of Information Technology minor in Web Design and Instructional Technology (WIT) is designed for technology trainers, teachers, instructional support specialists or other professionals who are interested in learning more about integrating the use of computers and other Web-based technologies into teaching and learning.
The Web Design and Instructional Technology Minor contains a minimum of 18 hours of coursework.
Grade Requirements: A grade of "C" or better must be earned in all courses used to satisfy the minor.

Curriculum for the Minor in Web Design and Instructional Technology

Required Coursework (Credit: 3 hours)

ITEC 2201	Business Information Applications	3
	OR	
ITEC 2215	Introduction to Information Technology	3

Additional Required Courses (Credit: 15 hours)

ITEC 2380	Web Development	3
ITEC 3235	Human Computer Interaction	3
ITEC 3236	Interactive Digital Media	3
ITEC 4231	Design Content for Instructional Applications	3
ITEC 4284	Web Multimedia Delivery	3

Note: Courses taken from this list to satisfy a major may not be used for credit toward the completion of this minor.
Total Hours: 18

Certificate Admission Standards

To be admitted to a certificate program, the student must hold an associate's degree (or higher) from an accredited institution. Students who are enrolled in or have completed a BSIT may not enroll in the certificate.

Certificate in Computer Science

Computer Science Certificate

Program Description
The Certificate in Computer Science is an entry-level credential that allows current high school students an opportunity to earn a certificate in a STEM-related major while in high school or upon completion of the credential requirements following high school graduation. This certificate is specifically designed for dual-enrolled students in the Georgia Academy Program and is available to other dual-enrolled students who meet the criteria for completion. High school students must demonstrate a track record of successful college-level academic progression with a cumulative GPA of 2.0 or higher in all college-level courses taken and a minimum grade of C in all pre-requisite courses. This stackable credential demonstrates that a dual-enrolled high-school student has met the equitable criteria to their second year of study in a computer science associate or bachelor's degree program such as the A.S. in Computer Science or the B.S. in Computer Science. These certificates also serve as a building block for students interested in entering STEM-related career fields following high school.
Admissions Requirements

1. Students must be a current high school Junior or Senior, and
2. Must have successfully completed the courses listed below with a grade of 'C' or better:
    a. English Composition I and II (ENGL 1101 and ENGL 1102)
    b. College Algebra (MATH 1111)
    c. Plane Trigonometry or Precalculus (MATH 1112 or MATH 1113)
    d. Computer Science I (CSCI 1301)

Regularly admitted students who meet the academic requirements for the certificate may apply for admission to the program. If all academic requirements for the certificate are met, regularly admitted students may apply for graduation from the certificate program while pursuing higher-level credentials.

Humanities

Students must take ONE of the following:

ENGL 2131	American Literature I	3
ENGL 2132	American Literature II	3

Communications

Students must take ONE of the following:

COMM 1100	Human Communication	3
COMM 1110	Public Speaking	3

Mathematics

Students must take BOTH of the following courses:

MATH 1251	Calculus I	4
MATH 2120	Discrete Mathematics	3

Social Science

Students must take BOTH of the following:

PSYC 1101	Introduction to Psychology	3
ECON 2105	Principles of Macroeconomics	3

US History

Students must take ONE of the following:

HIST 2111	United States History to 1865	3
HIST 2112	United States History since 1865	3

Computer Science (required courses)

Students must take BOTH of the following:

CSCI 1302	Computer Science II	3
CSCI 2300	Experiential Learning in CS	3

Computer Science (elective)

Students must take ONE of the following :

CSCI 2201	Principles of Programming Languages	3
CSCI 2205	Introduction to Data Structures and Algorithms	3
CSCI 2207	Ethics in Computer Science	3

Certificate in Data Science Management

Certificate in Data Science Management Requirements

DATA Courses

Students must take all four of the following courses:

DATA 3502	Data Architecture	3
DATA 3355	Data Mining	3
DATA 3505	Data Management	3
DATA 3508	Data-driven Decision Making	3

Certificate in Information Technology

Certificate in Information Technology

The certificate in Information Technology provides students with essential skills needed in a variety of fields, including:

- Enhancing the student's understanding of the fundamentals of information technology.
- Developing the student's ability to specify, select, and utilize information technology in his or her major field of study.
- Equipping students with the skills and terminology needed to interact with technology professionals.

Required (Credit: 12 hours)

The certificate in Information Technology requires 12 hours of ITEC or CSCI courses. A grade of "C" or better must be earned in all courses used to satisfy the certificate.

Financial Technology Certificate

Financial technology, also known as FinTech, is an economic industry composed of companies that use technology to make financial services more efficient. The certificate program will expose students to the IT domains that make up the FinTech industry, including industry trends, disruptive technologies, big data, analytics, applications development, entrepreneurship, and cybersecurity.

Curriculum for the Certificate in Financial Technology

Required Coursework (Credit: 15 hours)

FTA 2400	Introduction to Financial Technology	3
FTA 2410	Coding for FinTech	3
FTA 2420	Data Analytics for FinTech	3
FTA 2430	Cybersecurity for FinTech	3
FTA 2440	Financial Technologies and Services	3

Total: 15 hours

Instructional Formats and Time Requirements

Middle Georgia State University offers courses in different instructional formats as listed below:

- Traditional classroom instruction – Information is presented by the instructor in the classroom.
- Laboratory – Practical application of techniques, procedures, concepts and theories.
- Independent Study – Students are required to commit a minimum of 45 hours to study independently per credit hour. Meetings with the instructor of record will be required for a minimum of 150 minutes per credit hour. Additional time may be necessary to complete assessments, homework, projects, reports, and other assignments.

- Internships – Students are required to complete a minimum of 45 hours of internship work per credit hour. Meetings with the instructor of record will be required for a minimum of 90 minutes per credit hour. Additional time may be necessary for completing assignments and/or creating portfolios.
- Co-op Education – Students are required to complete a minimum of 45 hours in the co-op facility per credit hour. Meetings with the instructor of record will be required for a minimum of 90 minutes per credit hour. Additional hours may be necessary for completing assignments and/or creating portfolios.
- Research Practicum – Students are required to commit a minimum of 45 hours towards the research practicum per credit hour. Meetings with the instructor of record will be required for a minimum of 150 minutes per credit hour. Additional time may be necessary to analyze data and information, and to prepare for reports and presentations.
- Distance Learning courses – Information is presented electronically either in
    - a fully online environment (all or nearly all class sessions delivered via technology), or
    - a partially online course (technology is used to deliver more than 50 % of class sessions)
    - a hybrid format (technology is used to deliver 50% or less of class sessions).
- Emporium Model – Students use interactive computer software in a computer classroom combined with on-demand assistance from the instructor.
- Flight courses – Students get credit based on the flying hours they accumulate.
- Studio courses – Instruction time is divided between the classroom and the studio.
- Clinical, Fieldwork – Students work in a clinical setting under the direct supervision of a clinical instructor.
- Practicum – Instruction time is divided between the classroom and the clinical setting.
- Clinical Practice – Instruction time is divided between lecture and acquiring teaching experience in a school setting.

Cybersecurity Certificate

Cybersecurity Certificate

Students must take the following four courses:

ITEC 2320	Network Essentials	3
ITEC 3220	Hardware and Systems Software	3
ITEC 4344	Ethical Hacking	3
ITEC 2340	Introduction to Cybersecurity	3

This certificate is available only for dual enrollment students.

Department of Mathematics and Statistics

Chair: Dr. Richard Kilburn

The Department of Mathematics and Statistics is a unit of the School of Computing. The department offers a Bachelor of Science degree in Mathematics with three concentrations: General Mathematics, Secondary Education, and Applied Statistics. The department also offers a minor in Mathematics and a minor in Statistics. These programs provide students with the analytical and problem-solving skills useful for advancement in today's workforce.

Mathematics (B.S.)

The Bachelor of Science in Mathematics includes three concentrations: General Mathematics, Secondary Education, and Applied Statistics. Candidates for the Mathematics B.S. program must complete all graduation requirements outlined in the Middle Georgia State University Catalog. A grade of C or higher must be earned in all courses outside of Areas A – F used to satisfy the major.

Curriculum for Bachelor of Science in Mathematics

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

MATH 1112	Plane Trigonometry	3
	OR	
MATH 1113	Precalculus Mathematics	3

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Area D: Science, Math and Technology (Credit: 11 hours)

	Lab Science Elective PHYS 2211K-2212K or CHEM 1211K-1212K are recommended.	4
	Lab Science Elective PHYS 2211K-2212K or CHEM 1211K-1212K are recommended.	4
MATH 1251	Calculus I	4

Three (3) hours of MATH 1251 credits will be applied to Area D and the additional 1 hour of credit may be applied to the upper level curriculum.

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	Area E Elective	3
	Area E Elective	3

See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

MATH 1371	Computing for the Mathematical Sciences	4
	OR	
CSCI 1301	Computer Science I	3
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3
MATH 2120	Discrete Mathematics	3
	OR	
MATH 2270	Differential Equations	4

Three hours of MATH 2270 credits will be applied to Area F and the additional one hour of credit may be applied to the upper level curriculum.
Note: The General Mathematics and Secondary Education concentrations require MATH 2270 in Area F.

UPPER-LEVEL CURRICULUM (60 hours)

The upper-level curriculum consists of two areas. Area I is a set of upper-level courses common to all concentrations. Area II is satisfied by completing coursework in a concentration.
Note: Students cannot receive credit for both MATH 3500 and MATH 3600, for both MATH 4611 and MATH 4621, or for both MATH 4612 and MATH 4622.
Note: A grade of C or higher must be earned in all courses outside of Areas A – F used to satisfy the major.

Area I: Common Upper-Level Courses (11 hours)

MATH 3207	Communicating Mathematics	4

MATH 3251	Applied Combinatorics	3
MATH 3600	Probability and Statistics	3

Note: One hour of credit for MATH 1251 from Area D.

Area II: Upper-Level Concentration (49 hours)

This area is satisfied by completing a Mathematics/Statistics concentration.

General Mathematics Concentration

Mathematics is the language of science and is used in a multitude of interesting and rewarding disciplines. The Mathematics concentration helps students develop critical thinking skills and an inquisitive and analytical approach to problem solving. Such skills are highly sought by employers as well as graduate and professional schools. The demand for mathematicians is vast including fields as diverse as robotics, national security, animated films, climate study, and medicine.

Required Major Field Courses (13 hours)

MATH 3040	Bridge to Higher Mathematics	3
MATH 3260	Modern Algebra	3
MATH 4150	Linear Algebra	3
MATH 4260	Mathematical Analysis	3

One hour of credit for MATH 2270 from Area F.

Major Field Electives (21 hours)

Any mathematics course at or above the 3000-level **excluding** Elementary/Special Education courses (MATH 3106, MATH 3110, MATH 3156, MATH 4146).

General Electives (Credit: 15 Hours)

Any course at or above the 2000-level selected with the guidance of an advisor.

Secondary Education Concentration

The concentration in Secondary Education provides a pathway for students interested in teaching. Well-prepared teachers of mathematics are in high demand to meet the needs of economic growth and technological advances. Students learn strong foundations in content knowledge across diverse areas of mathematics, along with the skills necessary to convey these concepts to others. This program adheres to all state and national standards and provides credentials to teach mathematics in 6th through 12th grades.

Required Major Field Courses (10 hours)

MATH 3040	Bridge to Higher Mathematics	3
MATH 3510	Foundations of Geometry	3
MATH 4150	Linear Algebra	3

One hour of credit for MATH 2270 from Area F.

Major Field Electives (9 hours)

Any mathematics course at or above the 3000-level **excluding** Elementary/Special Education courses (MATH 3106, MATH 3110, MATH 3156, MATH 4146).

Education Courses (Credit: 27 Hours)

EDUC 3100	Reading in Multiple Literacies	3
EDUC 3520	Classroom Management	2 Credits
EDUC 4120	Integrated Secondary Curriculum, Instruction, and Assessment	3
EDUC 4130	Methods in Content Area	4
EDUC 4140	Practicum	3
EDUC 4150	Clinical	9
SPED 3110	Introduction to the Exception Learner	3

Students will apply for the Secondary Education Certification track during enrollment in the Methods in Content Area course (EDUC 4130). Admission, progression, and graduation requirements for the track can be found in the Academic Catalog under Secondary Education Certification track.

General Electives (Credit: 3 Hours)

Note: Any course at or above the 2000-level selected with the guidance of an advisor.

Applied Statistics Concentration

In today's world, the analysis of data plays an increasing role in decisions being made across disciplines such engineering, information technology, business, and the life, health, physical, and social sciences. The Applied Statistics concentration prepares students to understand statistical methods, theory, and computation – techniques that enhance their personal skills and prepares them for an array of career opportunities.

Required Major Field Courses (18 hours)

MATH 3440	Data Exploration and Visualization	3
MATH 4300	Regression Analysis	3
MATH 4611	Applied Statistics I	3
MATH 4612	Applied Statistics II	3
MATH 4600	Probability and Statistics II	3
MATH 4700	Introduction to Experimental Design	3

Major Field Electives (17 hours)

Choose 17 hours of mathematics courses at or above the 3000-level [**excluding** Elementary/Special Education courses (MATH 3106, MATH 3110, MATH 3156, MATH 4146)], or any courses from the following list:

ITEC 3100	Python Scripting	3
ITEC 3245	Database Principles	3
ITEC 3351	Analytics and Organizational Intelligence	3
ITEC 3355	Data Mining	3
ITEC 4061	Coding Fundamentals	3
ITEC 4063	Scripting	3
ITEC 4244	Database Programming	3
ITEC 4250	Computational Intelligence	3
ITEC 4261	Intro to JAVA Programming	3
ITEC 4264	Data Structures and Algorithm Analysis	3
ITEC 4266	C++ Programming	3

General Electives (Credit: 14 Hours)

Any course at or above the 2000-level selected with the guidance of an advisor.
Total Hours: 120

Mathematics (Minor)

The Department of Mathematics and Statistics offers a minor in Mathematics for undergraduates enrolled in any discipline or program other than Mathematics. The minor is designed to provide students with an opportunity to attain greater breadth and depth in mathematics than their major field of study normally requires. Greater knowledge of mathematical techniques is useful to a wide range of disciplines and provides students with critical thinking and analytical skills that are highly demanded in today's workforce.

Grade Requirements: A grade of at least a "C" must be earned in all courses used to satisfy the minor.

Curriculum for the Minor in Mathematics

Required Courses (Credit: 7 hours)

MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3
	OR	
MATH 2270	Differential Equations	4

Electives (Credit: 9 hours)

Take any three (3) mathematics courses above the 3000 level **excluding** Elementary/Special Education courses (MATH 3106, MATH 3110, MATH 3156, and MATH 4146).
Total Hours: 16

Statistics (Minor)

Minor in Statistics

With the abundance of the utilization of data in nearly every field of study, the ability to understand, describe, visualize, and analyze data has become an essential skill in today's workplace. The Minor in Statistics focuses on the principles of gathering information from data in the presence of uncertainty. The required prerequisite to start the sequence of courses is the completion of Area A.

Cornerstone Course

MATH 3440	Data Exploration and Visualization	3

Probability Course

Choose one of the following:

MATH 3500	Applied Probability	3
MATH 3600	Probability and Statistics	3

Statistics Sequence

Choose one of the following sequences:

MATH 4611	Applied Statistics I	3
MATH 4612	Applied Statistics II	3

Electives

Take 6 hours of courses from the following list:

MATH 3251	Applied Combinatorics	3
MATH 3450	Applied Statistics for Big Data Analysis	3
MATH 3610	Biological Statistics	3
MATH 4300	Regression Analysis	3
MATH 4600	Probability and Statistics II	3
MATH 4630	Topics in Applied Statistics	3
MATH 4700	Introduction to Experimental Design	3
ITEC 3100	Python Scripting	3
ITEC 3245	Database Principles	3
ITEC 3351	Analytics and Organizational Intelligence	3
ITEC 3355	Data Mining	3
ITEC 4244	Database Programming	3
ITEC 4264	Data Structures and Algorithm Analysis	3
MGMT 3101	Business Statistics	3
PSYC 3001	Statistics for the Behavioral Sciences	3
ECON 4110	Applied Data Analysis	3 hours

Total Hours: 15

Associate of Science, Core Curriculum

Students may earn the Associate of Science Core Curriculum by completing Areas A-F, including Area D for science majors.
Note: Area F can be composed of any combination of Area F classes.

School of Education and Behavioral Sciences

Dean: Dr. David Biek

Welcome to the School of Education and Behavioral Sciences, a dynamic academic hub where faculty, students and our community stakeholders come together to prepare the next generation of scholars, practitioners and professionals. Our vision is to be the regional leader in preparing informed, caring, and professional graduates who will transform our social world. Every day, we work toward our goals of engaging students in the lifelong processes of learning, discovery and application of knowledge.
Our School's talented faculty and staff offer a diverse set of experiences for our students. Across our three academic Departments, our School houses the Doctor of Science in Public Safety, a Master of Arts degree in Teaching, six baccalaureate degree programs, a collection of certificate programs and minors, and a research and extension-outreach center – the Center for Applied Research and Education (CARE).

Department of Psychology and Criminal Justice

Chair: Dr. Paul Gladden
The mission of the Department of Psychology and Criminal Justice is to provide quality instruction in the fields of psychology, sociology, and criminal justice at both introductory and advanced levels. The Department offers an Associate degree in Criminal Justice. Associate degrees are designed to prepare graduates for employment and/or to prepare students for baccalaureate study. The Department offers Bachelor's degrees in Psychology and Criminal Justice. Bachelor's degrees are designed to prepare graduates for employment in the profession and/or to prepare students for graduate study in the field. All programs are designed to produce analytic, critical thinkers prepared to succeed in meeting the challenges of modern life.
The Department also offers minors in Psychology, Criminal Justice, Sociology, and Applied Behavior Analysis.

Criminal Justice (B.S.)

The primary purpose of the B.S. Program in Criminal Justice is to provide a rigorous course of study that will prepare students to work successfully with agencies (police, courts, and corrections) that administer law, achieve justice, reduce crime, and enhance domestic security. It is also designed to prepare students for graduate level studies in such areas as criminal justice and law. The program takes advantage of the proximity of MGA to federal, state, and local law enforcement agencies in our service area.
Students may declare the B.S. in Criminal Justice as their major during the admissions process to the University or at any time during their college career. Students who are thinking of changing their major are encouraged to speak with an academic advisor in the Department. Freshman and sophomore students should follow the curriculum outline for the degree presented below. Transfer students are welcomed to the Criminal Justice Program. General education and supporting courses will be evaluated for credit during the admission process. Students transferring academic credits in the program must meet all university residence and transfer-of-credits requirements. A transfer grade intended to satisfy any Criminal Justice core requirement or major elective course must be at least a "C."
The B.S. program in Criminal Justice allows for considerable free elective choices, including in CRJU courses.

1. Please note that CRJU 1100 (Introduction to Criminal Justice), CRJU 2316 (Introduction to Criminology), CRJU 2317 (Introduction to Criminal Law) and CRJU 2318 (Introduction to Corrections) all must be completed with grades of "C" or higher.
2. In addition to the academic regulations of the University, all Criminal Justice core and major electives must be completed with a grade of "C" or higher. Student must maintain a minimum GPA of 2.00 to remain in good standing.

Curriculum for Bachelor of Science in Criminal Justice

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 12 hours)

CRJU 1100	Introduction to Criminal Justice	3
CRJU 2316	Introduction to Criminology	3
CRJU 2317	Introduction to Criminal Law	3
CRJU 2318	Introduction to Corrections	3

Electives (6 hours)

Choose any two (2) 1000- and/or 2000- level courses.

Upper Level Core (Credit: 39 hours)

Required Courses (Credit: 24 hours)

CRJU 3020	Research Methods Criminal Justice	3
CRJU 3100	Ethics in Criminal Justice	3
CRJU 3110	Theories of Criminal Behavior	3

CRJU 3200	Criminal Procedure & Evidence	3
CRJU 3311	Police Systems, Practices, and Administration	3
CRJU 3315	The American Judicial System	3
CRJU 3320	Juvenile Justice System and Delinquency	3
CRJU 4147	Criminal Justice Report Writing	3

Capstone Elective (Credit: 3 hours)

Students must select one of these two capstone courses.

CRJU 4930	Criminal Justice Internship/Capstone	3
	OR	
CRJU 4999	Criminal Justice Independent Study/Capstone	3

Criminal Justice Electives (Credit: 12 hours)

Choose any four (4) 3000- and/or 4000-level criminal justice courses.
Note: Students opting for the track in Homeland Security and Emergency Management must take CRJU 4310, 4507, 4550, 4660.

Optional Track in Homeland Security and Emergency Management

Students opting for the track in Homeland Security and Emergency Management must take the following 4 courses:

CRJU 4310	White Collar and Cyber Crime	3
CRJU 4507	Homeland Security	3
CRJU 4550	Terrorism	3
CRJU 4660	Emergency Management	3

General/Free Electives (Credit: 21 hours)

Choose any seven (7) lower- or upper-level courses.
Total Hours: 120

Psychology (B.S.)

The Bachelor of Science Degree in Psychology offers students the opportunity to explore the breadth and depth of the science of behavior and the mind. The degree prepares students for graduate level study and for various professional positions in business, law, and health care. With the guidance of an academic advisor, students can choose electives to focus more clearly on future professional goals.

Students may declare the B.S. in Psychology as their major during the admissions process to the University, or at any time during their college career. Students who are thinking of changing their major are encouraged to speak with an academic advisor in the Department. Freshman and sophomore students should follow the curriculum outline for the degree presented below. Transfer students are welcomed to the Psychology Program. General education and supporting courses will be evaluated for credit during the admission process. Students transferring academic credits in the program must meet all university residence and transfer-of-credits requirements. A transfer grade intended to satisfy any Psychology core requirement or major elective course must be at least a "C."

Admission Requirements:

1. Please note that PSYC 1101 (Introduction to Psychology), PSYC 2103 (Introduction to Human Development), and PSYC 2101 (Introduction to Psychology of Adjustment), and all must be completed with grades of "C" or higher.
2. In addition to the academic regulations of the University, all Psychology core and major electives must be completed with a grade of "C" or higher. Student must maintain a minimum GPA of 2.0 to remain in good standing.

Curriculum for Bachelor of Science in Psychology

Core Curriculum (Credits: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credits: 9 hours)

PSYC 1101	Introduction to Psychology	3

PSYC 2101	Introduction to the Psychology of Adjustment	3
PSYC 2103	Introduction to Human Development	3

Area F Electives (Credits: 9 hours)

Choose any three (3) 1000- and/or 2000- level courses.

Upper Level Major Courses (Credits: 33 hours)

Required Courses (Credits: 15 hours)

PSYC 3001	Statistics for the Behavioral Sciences	3
PSYC 3002	Research Methods	3
PSYC 3201	Cross-Cultural Psychology	3
PSYC 3265	Abnormal Psychology	3
PSYC 3401	Biopsychology	3

Major Electives - (Credit: 15 hours)

Choose five (5) 3000- and/or 4000- level psychology courses.

Required Capstone Course (Credit: 3 hours)

Take one (1) of the following Psychology courses.

PSYC 4001	Experimental Psychology	3
PSYC 4100	Senior Capstone in Psychological Science	3

General/Free Electives (Credit: 27 hours)

Student may choose any 9 courses for which the prerequisites have been met. At least 2 of the 9 (6 credit hours) courses must be at the 3000 or 4000-level.
Total Hours: 120

Criminal Justice (A.S.)

Curriculum for the Associate of Science in Criminal Justice

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 12 hours)

CRJU 1100	Introduction to Criminal Justice	3
CRJU 2316	Introduction to Criminology	3
CRJU 2317	Introduction to Criminal Law	3
CRJU 2318	Introduction to Corrections	3

Electives (Credit: 6 hours)

Choose any two (2) 1000- and/or 2000- level courses.
Total Hours: 60

Minor in Applied Behavior Analysis (ABA)

Minor in Applied Behavior Analysis (ABA)

Minor Requirements

Take each of the following 6 classes.

ABA 3100	Introduction to Applied Behavior Analysis Principles and Concepts	3
ABA 4200	Measurement and Experimental Design in Behavior Analysis	3

ABA 4210	Ethics of Applied Behavior Analysis	3
ABA 4220	Behavior Assessment	3
ABA 4300	Behavior-Change Procedures and Interventions	4
ABA 4310	Supervision and Management for Applied Behavior Analysis	2

Certificate in Applied Behavior Analysis

Undergraduate Certificate Program in Applied Behavior Analysis

Required Courses

Take all of the following courses:

ABA 3100	Introduction to Applied Behavior Analysis Principles and Concepts	3
ABA 4200	Measurement and Experimental Design in Behavior Analysis	3
ABA 4210	Ethics of Applied Behavior Analysis	3
ABA 4220	Behavior Assessment	3
ABA 4300	Behavior-Change Procedures and Interventions	4
ABA 4310	Supervision and Management for Applied Behavior Analysis	2

Minor in Criminal Justice

Curriculum for the Minor in Criminal Justice

Required Courses

A minor in Criminal Justice must contain 18 semester hours of coursework within the Criminal Justice Curriculum. Students must take CRJU 1100 Introduction to Criminal Justice, and at least 9 hours must be taken at the upper-division level. Courses taken to satisfy Core Areas A through E may not be counted as coursework in the minor. Core Area F courses may be counted as coursework in the minor.

Minor in Psychology

A minor in Psychology must contain 15 hours of coursework with 9 hours of upper-division coursework in the area of Psychology. Core Area F courses may be counted as coursework in the minor.

Curriculum for the Minor in Psychology

Students must take the following two courses (6 hours)

PSYC 2101	Introduction to the Psychology of Adjustment	3
PSYC 2103	Introduction to Human Development	3

Students must choose any three upper-level Psychology courses (9 hours)

Psychology minors must take any three 3000- or 4000-level Psychology courses. Students must obtain a 'C' or better in those three courses.

15 hours

Sociology Minor

The minor in sociology offers students a greater understanding of how social institutions influence individuals. The program provides students with the knowledge and skills needed to critically analyze the social environment from a global perspective. The emphasis on societal change and interaction complements many areas such as business, communication, education, health services, and political science.

Curriculum for the Minor in Sociology

Required Course Credit 3 hours

SOCI 3100	Sociological Theory	3

Elective Courses (Credit: 12 hours)

SOCI 2293	Introduction to Marriage and Family	3
SOCI 3002	Research Methods	3
SOCI 3150	Gerontology	3
SOCI 3225	Social Stratification	3
SOCI 3250	Medical Sociology	3
SOCI 3510	Community/Urban Sociology	3
SOCI 3520	Sociology of Education	3
SOCI 3530	McDonaldization of Society	3
SOCI 3540	Sociology of Religion	3
SOCI 3999	Special Topics	3
SOCI 4110	Deviance and Social Control	3
SOCI 4120	Sociology of Gender and Sexuality	3
SOCI 4130/CRJU 4120	Gender, Ethnicity, and Justice	3
SOCI 4140	Race and Ethnicity	3
SOCI 4150	Social Movements	3
SOCI 4250	Aging and Social Policy	3

Total Hours: 15

Department of Political Science

Chair: Dr. Christopher N. Lawrence

The Department of Political Science mentors students pursuing studies in political science and interdisciplinary studies at the baccalaureate degree level, preparing students to meet the growing demand for research, analytical, and critical thinking skills in Central Georgia and beyond. We also support the general education mission of the university by teaching introductory courses in political science in Area E of the core curriculum.

The Bachelor of Science in Political Science is designed for students interested in careers in government and public service, non-profit organizations, and the private sector, as well as graduate study in law, political science, and public administration. The degree program includes training in the application of research and data analysis skills to real-life political and social problems, as well as opportunities for experiential learning either in the workforce or through the completion of an independent research project. The political science degree is designed to produce graduates who are equipped for the changing demands of citizens in contemporary society.

We also currently offer the Bachelor of Science in Interdisciplinary Studies; minors in African and African Diaspora Studies, global studies, political science, pre-law, and environmental policy studies;, and are a partner in offering the European Union Studies certificate program of the University System of Georgia.

Political Science (B.S.)

Political science historically has been one of the most popular undergraduate majors in America. While many political science majors do go on to careers in Washington or state and local government, it is a degree that provides a foundation for many career options. A deep understanding of how politics and government works can be of value in many jobs, including those in business, journalism and public relations, law, and non-profits, among other possibilities.

The political science degree program at Middle Georgia State University reflects the increasing demand in our society for college graduates who can think critically, collect and analyze data and other evidence, and synthesize and present their findings to others, marrying theory and application. The research and writing skills students gain in this program enable them to help find solutions for many of the challenges our world, nation, state, and region face in an increasingly complex world.

Given the many career pathways available for students majoring in political science, we offer a very flexible curriculum allowing students to focus either on more traditional "academic" topics or the skills necessary in governmental and non-profit service. This flexibility also allows students to find connections with other fields of study through a minor or certificate programs, allowing them to tailor their coursework to their workforce aspirations and life goals.

In addition, the political science degree, particularly in combination with a minor in the humanities or another social science field, is also an ideal foundation for teacher certification at the middle school and high school levels via the Master of Arts in Teaching program offered by Middle Georgia State University.

Note: Students must earn a grade of "C" or higher in ***MATH 1401***, ***POLS 1101***, Area F, all Major Requirements coursework, and Political Science Electives coursework in the degree program.

Curriculum for the Bachelor of Science in Political Science

Core Curriculum (Credit: 42 hours)

See listing of requirements (p. 65).
Area D: Students may fulfill either the option for non-science majors or science majors.

Area F: Lower Division Major Requirements (Credit: 18 hours)

Political Science Foundation Courses (Credit: 9 hours)

POLS 2101	Introduction to Political Science	3
POLS 2201	State and Local Government	3
POLS 2401	Global Issues	3

Statistics (Credit: 3 hours)

All political science majors must take the following course. Students may optionally count MATH 1401 in Area A or Area D and may instead select an additional course (3 hours) from the listing under "Area F Electives" below.

MATH 1401	Elementary Statistics	3

Area F Electives (Credit: 6 hours)

Choose two courses at the 1000 or 2000 level from the following course prefixes approved in Areas C, D, E, or F of the core curriculum: ANTH, CSCI, ECON, GEOG, HIST, HUMN, ITEC, MATH, PHIL, PSYC, or SOCI; foreign language courses at the 1000 or 2000 level approved in Area C are also acceptable. Additional hours earned in these courses beyond 6 hours may be applied in the Electives section of the major.

	Foreign (Modern) Language (Any)	3

Upper-Level Courses (Credit: 60 hours)

Major Requirements (Credit: 21 hours)

POLS 2301	Introduction to Comparative Politics	3
POLS 2601	Introduction to Public Administration	3
POLS 3000	Research Methods in Political Science	3
POLS 3030	Introduction to Public Policy	3
POLS 3045	Public Opinion and Political Behavior	3
POLS 3701	International Relations	3
POLS 4900	Capstone Seminar in Political Science	3

Experiential Learning (Credit: 3 hours)

Choose one of the following three experiential learning courses:

POLS 4895	Internship in Political Science	3
	OR	
POLS 4896	Georgia Legislative Internship	9
	OR	
POLS 4898	Research Practicum in Political Science	3

Only 3 credit hours of credit for POLS 4895 and POLS 4896 combined may be applied to the political science major. Additional hours may be applied as open elective credit.

Political Science Electives (Credit: 15 hours)

Choose five additional courses in political science, numbered POLS 3000 or above, EXCEPT POLS 4895 or POLS 4896.
Up to two European Union Studies courses with the EURO prefix, numbered 3000 or above, may be used to fulfill this requirement.
POLS 3999 may be counted more than once when taken with different topics.

Open Electives (Credit: 21 hours)

Students must earn 21 additional hours of credit in any field or fields of study; at least 6 of these hours must be at the 3000 level or above. Students are strongly encouraged to complete a suitable undergraduate minor, second major, and/or an undergraduate certificate program in consultation with their academic advisor. Students may not complete both a major and a minor in political science.
Students considering graduate study in political science, public policy, or public administration should strongly consider a minor in statistics.

Students directly entering the workforce might consider a minor in professional writing.
Students with an interest in international politics and culture might consider completing the USG European Union Studies Certificate program or a minor in African and African Diaspora Studies, Global Studies, or Spanish.
Other minors of potential interest to political science majors include business, criminal justice, gender studies, information technology, mathematics, psychology, sociology, U.S. history, web design and instructional technology, and world history.
Total hours: 120

Interdisciplinary Studies (B.S.)

The B.S. in Interdisciplinary Studies (IDS B.S.) degree program is designed for students who have an interest in meeting societal needs through a unique interdisciplinary perspective. The IDS B.S. cultivates professional skills by preparing students to successfully apply writing, communication, research, and ethics across multiple disciplines toward the betterment of individuals and communities. This program allows students to maximize existing credits toward graduation and to integrate courses from a wide variety of academic areas that may not fit neatly in one specific major. To ensure students have the basic skills required in a professional world, seven (7) core classes are required. Courses will include topics on research, public administration, conflict resolution, program evaluation, communication and cultural sensitivity. Lastly, students will have an ethics and application course which is the capstone requirement; to include experiential learning drawing upon the skills obtained in previous classes. The IDS B.S. degree requires students to pick one focus area and take at least five (5) courses in that area. Students may have two (2) focus areas, but only one (1) is a requirement. This degree allows for flexibility in planning with the belief that many combinations of courses can meet students' educational needs and contribute to professional development and career preparation.
Degree Requirements:
* 33 Required Upper-Level Credit Hours: Interdisciplinary Core (18 hours), Primary Focus Area (15 hours).
* At least 39 credit hours must come from coursework at the 3000- and/or 4000- levels.
* A grade of "C" or better is necessary in MATH 1401, POLS 1101, POLS 2601, and all courses in the Interdisciplinary Core and Primary Focus Area.
Students will select a minimum of one focus area. Two focus areas may be completed as shown. Credits used in one focus area cannot be used in another area. Students are encouraged to consider completing a minor or certificate program. It may be possible to complete a minor or certificate by completing the necessary coursework as a focus area for your IDS B.S. degree. Please refer elsewhere in this catalog to find out which classes you will need for a certificate or minor.

Curriculum for the Bachelor of Science in Interdisciplinary Studies

Core Curriculum (Credit: 42 hours)

See Core Curriculum requirements.

Area F: Lower Division Major Requirements (Credit: 18 hours)

Statistics (Credit: 0-3 hours)

Take one of the following courses, if not already taken to meet Area A or Area D requirements, earning a "C" or higher:

MATH 1401	Elementary Statistics	3
MATH 1401H	Honors Elementary Statistics	3

Major Field (Credit: 15-18 hours)

Take POLS 2601 (Introduction to Public Administration) and 12 to 15 additional hours in any approved collegiate Area C-F core curriculum coursework. POLS 2601 must be completed with a "C" or higher.

POLS 2601	Introduction to Public Administration	3
	Any approved Area C-F Course Credit: 3 hours	

Interdisciplinary Studies B.S. Core & Electives (60 hours)

Major Requirements (33-48 hours)

33 Required Credit Hours: Interdisciplinary Core (18 hours), Primary Focus Area (15 hours).
Note: Students must earn a grade of "C" or better in all Major Requirements.

Interdisciplinary Studies B.S. Required Core Courses (Credit: 18 hours)

Research Elective (Credit: 3 hours)

Take one of the following courses:

CRJU 3020	Research Methods Criminal Justice	3
HIST 2000	Introduction to Historical Methods	3
HIST 3000	Historical Methods	3

HLSA 3000	Research Methods for Health Sciences	3
IDS 3800	Methods in Interdisciplinary Research	3
MATH 3600	Probability and Statistics	3
MATH 3610	Biological Statistics	3
MGMT 3101	Business Statistics	3
MKTG 4161	Marketing Research	3
NURS 3330	Nursing Research Methods (3-0-3)	3
PBSV 3020	Research Methods	3
PFWR 3180	Inquiry, Information & Research Methods	3
POLS 3000	Research Methods in Political Science	3
PSYC 3002	Research Methods	3
RESP 3030	Respiratory Research	3
SOCI 3001	Social Research Methods	3
SOCI 3002	Research Methods	3
SOCW 3600	Social Work Research Methods	3

Conflict Resolution and Negotiation (Credit: 3 hours)

Take one of the following courses:

PBSV 3040	Conflict Resolution and Negotiation	3
POLS 3640/PBSV 3040	Conflict Resolution and Negotiation	3

Program Design and Evaluation (Credit: 3 hours)

Take one of the following courses:

PBSV 4030	Program Funding and Evaluation	3
POLS 3630/PBSV 4030	Program Design and Evaluation	3

Communication Elective (Credit: 3 hours)

Take one of the following courses:

COMM 3010	Communication Theory	3
COMM 3030	Visual Communication	3
COMM 3050	Persuasion & Strategic Communication	3
COMM 3205	Advanced Interpersonal Communications	3
COMM 4000	Rhetoric and Argumentation	3
ENGL 3106	Professional Writing and Communication	3
ENGL 4000	Rhetoric	3
ENGL 4106	Technical Writing in the Digital Age	3
HLSA 3380	Health Communications	3
MATH 3207	Communicating Mathematics	4
NMAC 3108	Writing for Digital Media	3
PBSV 3015	Practice and Case Management in Public Service	3
PFWR 3160	Introduction to Professional Writing	3
PFWR 3170	Practical Workplace Writing	3
PFWR 4050	Legal Writing	3 Credits
PSYC 3330	Interviewing	3

Cultural Competency Elective (Credit: 3 hours)

Take one of the following courses:

AADS 2000	Introduction to African and African Diaspora Studies	3
COMM 3015	Intercultural Communication in a Global Society	3
COMM 3016	Gender Roles and Communication	3
CRJU 4120	Gender, Ethnicity, and Justice	3
HUMN 3010	Introduction to Cultural Studies	3
HUMN 3206	Topics in Gender Studies	3

HUMN 3501	Topics in Linguistics & Culture	3
HUMN 4471	Comparative Cultures	3
PBSV 3005	Culturally Competent and Responsive Practice in Public Service	3
POLS 3085	Minority Politics	3
POLS 3115	LGBTQ Politics	3
POLS 3720	Women, Gender, and World Politics	3
PSYC 3201	Cross-Cultural Psychology	3
SOCI 3225	Social Stratification	3
SOCI 3540	Sociology of Religion	3
SOCI 4120	Sociology of Gender and Sexuality	3
SOCI 4130/CRJU 4120	Gender, Ethnicity, and Justice	3
SOCI 4140	Race and Ethnicity	3
SOCW 3000	Cultural Humility and Responsiveness in Social Work	3

Students may also substitute another upper-level course with a documented focus on culture, including special topics courses, with permission from their advisor.

Ethics and Application Seminar (Credit: 3 hours)

Take the following course:

IDS 4510	Ethics and Application Capstone	3

Interdisciplinary Studies B.S. Focus Area(s) (Credit 15-30 hours)

Students will select at least one focus area. Credits used in one focus area cannot be used in another area. Students are strongly encouraged to complete a minor or certificate program as a secondary focus area.

Primary Focus Area (Credit: 15 hours)

Complete a minimum of 15 upper-level credit hours from a single discipline (for example, biology, criminal justice, English, history, mathematics, media and communications, political science, psychology, sociology, etc.).

Secondary Focus Area (optional) (Credit: 15 hours)

Complete a minimum of 15 credit hours from a single discipline, 9 of which must be upper-level credit hours.

Multidisciplinary Focus Area (optional) (Credit: 18-30 hours)

In lieu of a primary focus area and optional secondary focus area, students may optionally develop a multidisciplinary or interdisciplinary course plan. Subject to advisor guidance and approval, the student will develop a plan including 18 to 30 credit hours of coursework, including at least 18 hours of upper-level coursework, with no more than 15 hours from the same academic discipline.

Many disciplines have prerequisite courses and/or admission requirements for at least some upper-level courses; for example, upper-level nursing courses are only open to students who have been admitted to the nursing program, while most upper-level biology courses require students to have completed BIOL 2108K. Students are encouraged to contact the appropriate department to ensure they will be able to complete enough upper-level courses in their selected focus area(s).

Open Electives (Credit: 12-27 hours)

The Interdisciplinary Studies program of study requires 12 to 27 additional credit hours of elective course work.

NOTE: Including required and elective courses, at least 39 of the 120 required hours for the bachelor's degree must be upper-level credit earned in courses numbered 3000 or higher.

Total Hour: 120

African and African Diaspora Studies (AADS)

Minor in African and African Diaspora Studies

The minor in African and African Diaspora Studies is an interdisciplinary program open to students in all majors, especially students seeking a diverse global perspective. It provides students and the community with interdisciplinary opportunities to expand their knowledge of, and interest in, Africa and the African diaspora. It will foster a greater understanding of Africa, African Americans, and other peoples of African descent. Students will gain an in-depth understanding of the African continent and the African diaspora in a global context, with emphasis on civil rights, social justice, history, culture, politics, and literature.

Required Courses (Credit: 6 hours)

Students must take the following two courses:

AADS 2000	Introduction to African and African Diaspora	3

	Studies	
AADS 4900	African and African Diaspora Field Research	3

Electives (9 hours)

Take three of the following elective courses; at least two of these courses (6 semester hours) must be taken at the 3000 or 4000 level.

CRJU 3247	Hip Hop Culture & Crime in America	3
CRJU 3515	Comparative Criminal Justice Systems	3
CRJU 3520	Civil Rights and Civil Liberties	3
CRJU 4120	Gender, Ethnicity, and Justice	3
ENGL 2141	African American Literature I	3
ENGL 2142	African American Literature II	3
ENGL 4150	Studies in Caribbean Literature	3
ENGL 4160	Studies in African Literature	3
ENGL 4450	Literature of the Harlem Renaissance	3
ENGL 4490	African American Literature	3
HIST 3150	History of Africa to 1875	3
HIST 3151	History of Africa since 1875	3
HIST 3901	Early African American History	3
HIST 3902	Modern African American History	3
HIST 3903	History of the Civil Rights Movement	3
HIST 4010	The Atlantic World	3
HIST 4030	Histories of Colonization	3
MUSC 3333	History of Gospel Music	3
POLS 3085	Minority Politics	3
POLS 3107/CRJU 3520	American Constitutional Law: Civil Rights and Liberties	3
POLS 3118	Politics of the American South	3
POLS 3323	African Politics	3
PSYC 3201	Cross-Cultural Psychology	3
SOCI 4130/CRJU 4120	Gender, Ethnicity, and Justice	3
SOCI 4140	Race and Ethnicity	3

Students may apply either CRJU 3520 or POLS 3107 to the minor, but not both courses.
Students may apply either CRJU 4120 or SOCI 4130 to the minor, but not both courses.
Other courses with a focus on Africa, African Americans, or the African diaspora, such as special topics courses, may be substituted with advisor approval.

Political Science (Minor)

The minor in political science is designed to give students a strong background in the primary specializations within the discipline: American government, comparative politics, international relations, public policy, and political behavior. It encompasses sufficient coursework to allow graduates the opportunity to pursue post-baccalaureate study in political science, public administration, law and related fields, and can be pursued in combination with any baccalaureate major. It is also an excellent addition to any secondary education program.

Curriculum for the Minor in Political Science

Required course (Credit: 3 hours)

Students must take POLS 2101, Introduction to Political Science.

POLS 2101	Introduction to Political Science	3

Choose one U.S. politics course (Credit: 3 hours)

Students must take at least one course in U.S. politics; acceptable courses include POLS 2201, POLS 2501, POLS 2601, or any political science course numbered POLS 3030-3099, 3100-3299, 3500-3699, 4100-4299, or 4500-4699.

POLS 2201	State and Local Government	3
POLS 2501	Domestic Issues	3
POLS 2601	Introduction to Public Administration	3

Choose one non-U.S. politics course (Credit: 3 hours)

Students must take at least one course in non-U.S. politics; acceptable courses include POLS 2301, POLS 2401, or any political science course numbered POLS 3300-3499, 3700-3799, 4300-4499, or 4700-4799.

POLS 2301	Introduction to Comparative Politics	3
POLS 2401	Global Issues	3

Electives (Credit: 9 hours)

Choose three (3) additional political science courses. Students may count POLS 3999 multiple times if taken with different topics. No more than 3 hours of combined internship credit (including POLS 4895 and POLS 4896) may be counted toward the minor.
At least 9 of the 18 total semester hours taken in the minor must be in upper-level courses numbered POLS 3000 or higher.
Total Hours: 18

Minor in Pre-Law

The minor in pre-law is designed to prepare students to succeed on the Law School Admissions Test (LSAT) and in the law school application process. Although law schools will accept students with any major, they typically expect students to demonstrate strong reading, writing, and analytical skills in challenging coursework, as well as an interest in pursuing a career involving the law and the judicial system. As a result, the minor is designed to give students an understanding of the American legal system as well as foundational skills such as legal writing.

Curriculum for the Minor in Pre-Law (Credit: 18 hrs)

Required Courses (Credit: 6 Hours)

Students must take the following courses:

PFWR 4050	Legal Writing	3 Credits
POLS 3106	American Constitutional Law: Institutions and Processes	3

The Judicial System (Credit: 3 hours)

Take either of the following two equivalent courses:

CRJU 3315	The American Judicial System	3
POLS 3105/CRJU 3315	The American Judiciary	3

Civil Liberties and Rights (Credit: 3 hours)

Take either of the following two equivalent courses:

CRJU 3520	Civil Rights and Civil Liberties	3
POLS 3107/CRJU 3520	American Constitutional Law: Civil Rights and Liberties	3

Elective Courses (Credit: 6 hours)

Students must complete two of the courses from the following list:

AERO 2107	Aviation Law and Insurance	3
COMM 4000	Rhetoric and Argumentation	3
CRJU 2317	Introduction to Criminal Law	3
CRJU 3200	Criminal Procedure & Evidence	3
ENGL 4000	Rhetoric	3
EURO 4130	EU Law & Legal Systems	3
HLSA 4410	Health Law & Ethics	3
HUMN 4340	Introduction to Ethics	3
ITEC 4205	Legal and Ethical Issues	3
LENB 3135	Legal Environment of Business	3
PHIL 2010	Introduction to Philosophy	3
POLS 3103	Politics of the Presidency	3
POLS 3104	The American Congress	3
PSYC 3550	Law & Ethics in Psychology	3
PSYC 4500	Children, Families, and the Law	3

SMGT 4010	Legal Aspects of Sport and Fitness Management	3 hours

Students should select these electives in consultation with the pre-law advisor.
Although there are no required minimum grades or GPA for completion of the pre-law minor, students are advised that admission to most law schools is highly competitive and having good grades in coursework is essential to a successful law school application.

Environmental Policy Studies (Minor)

The minor in environmental policy studies is a broad program for students interested in pursuing a deeper understanding of environmental policies and their impact. Students will encounter cultural, economic, political and historical contexts for the examination of environmental policies, including issues related to climate change, energy policy, environmental economics, global sustainability, and security. It may be pursued by students in any baccalaureate program, and is particularly appropriate for students majoring in biology, business, or new media and communications, or those interested in pursuing a career in politics or government, regardless of major.

Curriculum for the Minor in Environmental Policy Studies

Required courses (Credit: 9 hours)

Take the following three required courses:

POLS 3030	Introduction to Public Policy	3
POLS 3772	Global Security and the Environment	3
POLS 3944	Environmental Politics and Policy	3

Environmental Science course (Credit: 3 hours)

Take one of the two courses below:

BIOL 3113	Environmental Science	3
	OR	
ENVS 2202	Environmental Science	3

Electives (Credit: 6 hours)

Take two courses from the following list.
Students may receive credit in the minor for either ECON 1101 or ECON 2105, but not both.

BIOL 3350K	Ecology	4
ECON 1101	Survey of Economics	3
ECON 2105	Principles of Macroeconomics	3
ECON 3175	International Economics	3
EURO 4330	EU Science & Technology Policy	3
EURO 4430	EU Environmental Policy	3
HIST 4040	Humans and their Environment since 1945	3
HIST 4740	American Environmental History	3
IDS 4020	Science, Politics, and Culture	3
POLS 2201	State and Local Government	3
POLS 3075	Interest Groups	3
POLS 3103	Politics of the Presidency	3
POLS 3104	The American Congress	3
POLS 3105/CRJU 3315	The American Judiciary	3

Special topics courses with a theme related to the minor may be substituted with advisor approval.
Total Hours: 18

Minor in Global Studies

The minor in global studies is designed to provide an international perspective on culture, history, politics, and societies. Students may tailor the minor to their interests, choosing courses focusing on a particular region, courses involving multiple regions, or courses examining society and culture at the global or system level. This is an ideal minor for students in majors such as business, English, history, media and communications, political science, and psychology, as well as for students pursuing the B.A. or B.S. in interdisciplinary studies.

Global Studies (Minor)

World Civilization (3 hours)

Take one of the following courses:

HIST 1112	History of World Civilization since 1650	3
HIST 1112H	Honors History of World Civilization since 1650	3

Global Politics (3 hours)

Take one of the following courses:

POLS 2301	Introduction to Comparative Politics	3
POLS 2301H	Honors Introduction to Comparative Politics	3
POLS 2401	Global Issues	3
POLS 3701	International Relations	3

Elective Courses (12 hours)

Take 4 courses from the following list; students may only count 2 courses from a single course prefix toward this requirement.
Any 2000, 3000, or 4000-level foreign language course(s).
Any upper-level European Studies course (courses numbered EURO 3000–4999).
Any upper-level course in comparative politics or international relations (courses numbered POLS 3300–3499, POLS 3700–3799, POLS 4300–4499, and POLS 4700–4799).

AADS 2000	Introduction to African and African Diaspora Studies	3
AMGT 3204	International Airline Business	3
AMGT 4304	International Supply Chain Management	3
COMM 2206	Introduction to Intercultural Communication	3
COMM 3015	Intercultural Communication in a Global Society	3
CRJU 3515	Comparative Criminal Justice Systems	3
CRJU 4550	Terrorism	3
ECON 3175	International Economics	3
ENGL 2111	World Literature I	3
ENGL 2111H	Honors World Literature I	3
ENGL 2112	World Literature II	3
ENGL 4150	Studies in Caribbean Literature	3
ENGL 4160	Studies in African Literature	3
ENGL 4420	Modern European Literature in Translation	3
ENGL 4430	Topics in World Literature	3
GEOG 1101	Introduction to Human Geography	3
HIST 1111	History of World Civilization to 1650	3
HIST 1111H	Honors History of World Civilization to 1650	3
HIST 1190	History of World Religions	3
HIST 3020	Religions in World History	3
HIST 3050	The Ancient Mediterranean	3
HIST 3100	History of Latin America	3
HIST 3150	History of Africa to 1875	3
HIST 3151	History of Africa since 1875	3
HIST 3200	Traditional China	3
HIST 3210	Modern China	3
HIST 3440	Church, State and Society in Medieval Europe	3
HIST 3450	The Crusades	3
HIST 3460	Church, State and Society in the Renaissance and Reformation Era	3
HIST 3470	Church, State and Society in the Age of Enlightenment	3
HIST 3480	Europe in the 19th Century	3

HIST 3490	Europe in the 20th Century	3
HIST 3510	Britain to 1688	3
HIST 3511	Great Britain since 1688	3
HIST 3600	World War I	3
HIST 3610	World War II	3
HIST 3700	History of American Foreign Relations	3
HIST 4010	The Atlantic World	3
HIST 4011	Long Age of Revolutions	3
HIST 4020	Technology, Environment and Empire	3
HIST 4030	Histories of Colonization	3
HIST 4040	Humans and their Environment since 1945	3
HIST 4221	Premodern Japan	3
HIST 4222	Modern Japan	3
HIST 4290	Modern Russia	3
HIST 4310	Medieval Popular Religion	3
HIST 4330	Modern Germany	3
HIST 4335	History of Nazi Germany	3
HIST 4336	The Holocaust	3
HUMN 1009	Perspectives on Global Cultures	4
HUMN 3010	Introduction to Cultural Studies	3
HUMN 4471	Comparative Cultures	3
HUMN 4472	Studies in Culture	3
MKTG 4168	International Marketing	3
POLS 2301	Introduction to Comparative Politics	3
POLS 2301H	Honors Introduction to Comparative Politics	3
POLS 2401	Global Issues	3
POLS 3944	Environmental Politics and Policy	3
PSYC 3201	Cross-Cultural Psychology	3
SCM 4110	Global Supply Chain Strategy	3
SSCI 1009/HUMN 1009	Perspectives on Global Cultures	4

Additional courses, including special topics courses, with a documented focus on international or global perspectives, and courses taught in a study abroad format, may be substituted as electives with advisor approval.
At least three courses taken in the minor (9 semester hours), including required and elective courses, must be upper-level courses at the 3000 level or above.
Total Hours: 18

European Union Studies (Certificate)

The certificate in European Union Studies is designed to provide in-depth study on a topic that cuts across traditional academic disciplines and typically has a "real life" application in a professional context. Its purpose is to certify an individual as competent in a subject area outside conventional degree programs.
A certificate in European Studies can be earned in one of two ways:
Under the academic track, a certificate is taken in tandem with an undergraduate degree program. Students from all academic majors are eligible to participate so long as they possess a minimum 2.75 cumulative Grade Point Average (GPA).
Under the professional track, non-degree students--such as business executives--are eligible to enroll in the program upon proof of a valid undergraduate degree from an accredited institution on the condition that they fulfill the minimum GPA requirement of 2.75.
Under either track, an application to the program cannot be made until successful completion of the following:
(1) EURO 3234 with a grade of C or better, and
(2) 30 semester hours of academic credit.
Students should refer to the USG European Union Studies Program website for further information and the required application form at http://www.eustudiesprogram.org/

Curriculum for the Certificate in European Union Studies

Required courses (Credit: 6 hours)

EURO 3234	Introduction to the European Union	3
EURO 4830	EU Studies Capstone	3

Choose three (3) courses (Credit: 9 hours)

from among the following, including at least one course in each of two (2) different discipline areas (Social Sciences, Humanities & Fine Arts, Business & Economics, and Natural & Health Sciences)
Other 3000/4000-level courses with a primary focus on contemporary European politics, society, and/or culture may be substituted with the approval of the campus representative or department chair.

Social Sciences

EURO 4130	EU Law & Legal Systems	3
EURO 4160	EU Federalism and Governance	3
EURO 4530	European Social Policy	3
EURO 4730	European Union Foreign Policy	3
EURO 4760	US - EU Relations	3
POLS 3344	Politics of the British Isles	3

Humanities & Fine Arts

ENGL 4420	Modern European Literature in Translation	3
ENGL 4500	20th Century British Poetry and Prose	3
EURO 4630	Communications and Media	3
HIST 3490	Europe in the 20th Century	3
HIST 3511	Great Britain since 1688	3
HIST 4330	Modern Germany	3
SPAN 3006	Peninsular Spanish Civilization and Culture	3

Business & Economics

EURO 4230	Doing Business in the EU	3
EURO 4260	European Monetary Union	3

Natural & Health Sciences

EURO 4330	EU Science & Technology Policy	3
EURO 4430	EU Environmental Policy	3

Areas of distinction: the certificate also highlights special achievements by providing a notation of "distinction" in three areas for students who complete the necessary additional credits:

- Practical experience: an overseas experience (including study or research abroad) or an internship, as approved by the EU Studies campus representative and Executive Director. (3-6 credit hours)
- Foreign language proficiency: successful completion of two (2) upper-division foreign language courses in a modern European language. (6 credit hours)
- Composition of a thesis. (3 credit hours)

Total Hours: 15

Department of Teacher Education and Social Work

Chair: Dr. Rhonda Amerson

Elementary/Special Education (B.S.)

The Elementary/Special Education (ESE) program prepares the candidate to provide educational services for all students in grades P-5, including those with disabilities whose Individualized Education Program (IEP) indicates instruction using the general education curriculum. The program is offered as day and online/weekend.

* The Teacher Education Program adheres to state and national accrediting board policies that govern Middle Georgia State University's Teacher Education Programs. All governing state and national policies will be applied in tandem withMGA policy therein.

ESE Admission Requirements

Admission into the Elementary/Special Education Program is granted on a space available basis. To be considered for admission, students must:

1. Be admitted to Middle Georgia State University in good academic standing. Disciplinary action at Middle Georgia State University and/or any other institution that the student has attended or while in the military may prevent admission.
2. Submit a program admission packet online at education@mga.edu. Program admission packets are found on the ***School of Education & Behavioral Science*** website. Priority deadlines are posted on the *School of Education & Behavioral Sciences* website.
3. Provide a clear criminal background check and proof of completion of the Georgia Educator Ethics Entry Assessment (Test Code 360). Information regarding both will be provided in the admission packet.
4. Complete all core requirements of the program of study.
5. Earn a minimum cumulative GPA of 2.5 or higher on all courses to include transfer, transient, or taken as a part of a prior degree.
6. Provide threeletters of academic or professional recommendation.
7. Be available during regular school day hours for internship, clinical experiences, and special program-based events.
8. Transfer students may be eligible for admission without having satisfied the Middle Georgia State University Area B requirement. Exceptions will be made at the discretion of the Chair of the Department of Teacher Education & Social Work.
9. The Department of Teacher Education & Social Work will request a Pre-Service Certificate from the Georgia Professional Standards Commission (GaPSC) for the prospective candidate. The decision to issue the Pre-Service Certificate resides solely with GaPSC. If a student cannot obtain a GaPSC certificate, acceptance into this program will be revoked.
10. Upon receipt of a copy of the Pre-Service Certificate by the Department of Teacher Education & Social Work the prospective candidate will be notified in writing by the department of their acceptance.
11. Upon acceptance, students are referred to as “teacher candidates”.
12. Upon acceptance teacher candidates must present proof of having liability insurance. Instructions will be provided as to how to obtain this coverage.
13. Teacher candidates must sign their program of study. Teacher candidates are required to follow the program of study as prepared by the Department of Teacher Education & Social Work. Deviations from that program without prior consent from the Chair of the Department of Teacher Education & Social Work will result in dismissal from the Teacher Education Program.
14. Applicants applying to the online/weekend track, who are currently employed as paraprofessionals must obtain a signed letter of support from their principal.

ESE Academic Progression and Completion

Teacher candidates must meet the following requirements to remain in the ESE program:

1. Per semester, maintain an overall cumulative GPA of 2.75 or greater in all courses in the major.
2. A grade of “B” or better is required in all upper division field/clinical courses. If a passing grade is not earned**,** the teacher candidate will not be allowed to continue in the program.
3. Earn a grade no lower than a “B” in SPED 3110.
4. Earn a grade no lower than a “C” in all upper division courses.
5. Teacher candidate may retake only one upper level course. Teacher candidates will be placed on probation (with an action plan) until a passing grade is earned. See numbers 2 and 3 above.
6. Pass all key assessments with an 80% mastery.
7. Provide evidence of attempting the GACE Content Assessment (resulting in an official score on all parts of the assessment) prior to the end of the semester while enrolled in Clinical Practice II.
8. Maintain professional liability insurance. Teacher candidates must hold a valid Pre-Service Certificate for the duration of the program.

9. Adhere to all policies and codes of personal, academic, and professional conduct which originate with the Department of Teacher Education & Social Work, School of Education & Behavioral Sciences, Middle Georgia State University, the Georgia Professional Standards Commission and associated Boards of Education and other accrediting bodies.

NOTE: Should a teacher candidate complete all program requirements and the EPP determines that a candidate needs to increase competency in any area--knowledge, pedagogy, or dispositions--the EPP can request the completion of additional work before the teacher candidate will be declared a program completer.

Transferring Within the Program
Prior approval is required for a teacher candidate to transfer between campuses and/or program delivery options.

Certification Requirements
Upon receipt of the MGA Official Transcript with the degree awarded and earning passing scores on the following assessments, the Teacher Education Program will recommend the candidate for certification.

1. Appropriate GACE content exams (003G & 004G)
2. Clinical II Key Assessment

The decision to issue the Certificate of Eligibility resides solely with the Georgia Professional Standards Commission.
ESE Probation Policy
The Department of Teacher Education & Social Work reviews each teacher candidate's record at the end of each semester. When a teacher candidate's cumulative GPA falls below 2.75, the teacher candidate will be placed on probation within the Teacher Education Program. The office of the Chair of the Department of Teacher Education & Social Work will inform the teacher candidate and the candidate's advisor of this action in writing.
Placement on probation means that the teacher candidate is scholastically deficient and is continuing his or her education with the understanding that he or she must improve the level of work and meet the conditions of probation set by the Teacher Education Program. Teacher candidates on probation shall meet with their academic candidate's advisor to devise a plan of action to be approved by the Chair of the Department of Teacher Education & Social Work to include minimally monthly meetings with their academic candidate's advisor/course instructor.
The teacher candidate will be removed from probation in the Teacher Education Program if he or she is making satisfactory progress at the end of the probationary period. The office of the Chair of the Department of Teacher Education & Social Work will inform the teacher candidate and candidate's advisor of this action. If a teacher candidate has not met the terms of satisfactory academic progress at the end of the probationary period, the teacher candidate will be dismissed from the Teacher Education Program. A teacher candidate who is dismissed from the Teacher Education Program may choose to petition the Dean of the School of Education & Behavioral Science.
ESE Dismissal Policy

Failure to meet progression requirements will result in dismissal from the Teacher Education Program. Behaviors that are grounds for removal from the program includes, but are not limited to: confidentiality breaches, harassment, low disposition ratings, absenteeism or tardiness, malpractice/negligence, failure to follow Teacher Education Program or field/ practicum/clinical site policies and procedures, failure to fulfill responsibilities, or other activities that the supervisor deems unsafe or inappropriate. Ongoing patterns of unsafe/unprofessional behavior may be grounds for dismissal from the Teacher Education Program.

Behavioral concerns may be addressed through the Office of Student Affairs of Middle Georgia State University.

Code of Ethics Violations
Pre-Service Certificate holders are certified individuals, and they are expected to uphold the Code of Ethics for Georgia Educators. Both Educator Preparation Providers (EPPs) and school districts are equally responsible for reporting suspected violations of the Code of Ethics to GaPSC. All educators are mandated reporters and are required to report alleged misconduct. For the educator, failure to report could result in a sanction of the educator's certificate, and for an EPP, failure to report could impact the EPP's approval status.
ESE Re-Entry Policy
Teacher candidates who meet all present criteria for readmission to the ESE Teacher Preparation Programs must reapply. Prior to readmission, certification track teacher candidates must hold a valid Pre-Service Certificate.

Curriculum for the Bachelor of Science in Elementary/Special Education

Core Curriculum (Credit: 42 hours)

See Core Curriculum requirements.

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field		
EDUC 2008	Foundations of Mathematics for Elementary Teachers	3
EDUC 2110	Investigating Critical & Contemporary Issues in Education	3
EDUC 2120	Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts	3
EDUC 2130	Exploring Learning and Teaching	3
ISCI 2001	Integrated Science - Life and Earth Science	3
ISCI 2002	Integrated Science - Physical Science	3

Required Upper-Level Courses (Credit: 44 hours)

SCIE 3000	General Science for Elementary Education	3
SPED 3110	Introduction to the Exception Learner	3
SPED 4110	Program Planning for Exceptional Learners	3
ESE 3201	The Art of Language and Literature/Reading Endorsement	3
ESE 3300	Teaching Mathematics in Grades P-2	3
ESE 3310	Teaching Mathematics in Grades 3-5	3
ESE 3410	Development of the Whole Child	2
ESE 3431	Literacy Acquisition/Reading Endorsement	3
ESE 3520	Organizing an Effective Learning Environment	2
ESE 3531	Literacy Assessment & Intervention Strategies/Reading Endorsement	4
ESE 3540	Evidence-based Curriculum and Assessment for Learning	4
ESE 3800	Social Studies: Designing Interdisciplinary Curriculum	3
ESE 4320	Applied Data Analysis for Elementary Teachers	3
ESE 4520	Positive Behavior Supports	3
ESE 4431	Content Area Literacy/Reading Endorsement	2

Field Courses (Credit: 16 hours)

ESE 3555	Practicum II	2
ESE 3444	Practicum I	2
ESE 4477	Clinical I	3
ESE 4588	Clinical II	9

Total hours: 120

Reading Endorsement

The Reading Endorsement will prepare individuals who hold a teaching certificate to teach reading to all students at the grade level of the candidate's base certificate. The track will be offered in an online format.

Reading Endorsement Admission Requirements

Students must:

1. Be admitted to Middle Georgia State University in good academic standing.

2. Submit a Reading Endorsement Application to the Department of Teacher Education & Social Work Administrative Secretary or to the Certification Officer. Applications are found on the School of Education and Behavioral Science website. Prospective students may also contact the Department of Teacher Education & Social Work for an application. Rolling admission is utilized, check the department's website for priority deadlines.
3. Applicant must hold a Certificate of Eligibility, Induction Certificate, Standard Professional Certificate or higher in the state of Georgia.
4. Adhere to all policies and codes of personal and professional conduct which originate with the School of Education & Behavioral Science, Middle Georgia State University, the Georgia Professional Standards Commission and associated Boards of Education.

Curriculum for Reading Endorsement

Requirements List

ESE 3201	The Art of Language and Literature/Reading Endorsement	3
ESE 3431	Literacy Acquisition/Reading Endorsement	3
ESE 3531	Literacy Assessment & Intervention Strategies/Reading Endorsement	4
ESE 4431	Content Area Literacy/Reading Endorsement	2
Total Hours: 13		

Minor in Education

Minor in Education

A minor in education offers students from other major areas the opportunity to gain more insight into field of education. Students earning a minor in education may use this content knowledge in a variety of careers - especially those in which children are involved. A minor in education would be the ideal foundation for individuals who plan to take an alternate route to teacher certification which include Georgia Teacher Academy for Preparation and Pedagogy (TAPP) or a Master of Arts in Teaching (MAT) degree program.

Required Courses

Education minors must take EDUC 2130 and an additional 2000 level EDUC course from the following list: Students obtain a 'C' or better in these courses.

EDUC 2130	Exploring Learning and Teaching	3
EDUC 2120	Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts	3
EDUC 2110	Investigating Critical & Contemporary Issues in Education	3

Upper Level Electives

Education minors must take SPED 3110 and 6 hours of additional upper level education courses from the list below. Students must obtain a "C" or better in these courses.

SPED 3110	Introduction to the Exception Learner	3
ESE 3410	Development of the Whole Child	2
ESE 3520	Organizing an Effective Learning Environment	2
ESE 4520	Positive Behavior Supports	3
ESE 3540	Evidence-based Curriculum and Assessment for Learning	4

Bachelor of Science in Social Work

Generalist social work education builds upon the liberal arts requiring focused courses in human behavior, research, social policy, practice methods and field practicum experience. The generalist focus ensures that students are employment-ready for a wide range of settings within the local community and that they are eligible to pursue a graduate degree in the field. Students graduating from the MGA BSW program will possess the skills needed to serve as entry- level social work professionals within the surrounding community and beyond.

To gain full acceptance to the BSW program at MGA, students must be admitted to MGA, have completed 85 percent of all course work in core curriculum and Area F, and have completed all prerequisite courses with a C or better, and have a minimum overall GPA of 2.5. The BSW Program Director and appropriate admission committee members will review all application materials. All prospective applicants should submit a course syllabus for any equivalent prerequisite courses. All equivalency courses must be reviewed and approved by the BSW Program Director.

Admission Criteria

- Admission to MGA
- Completion of at least 51 of 60 (85%) hours of Core Curriculum and Area F credit
- Completion of prerequisite courses as shown in the table below
- Overall GPA of 2.5 or above at admission decision
- Completed BSW Program Admission Application Packet including:
    - BSW Program Admission Application
    - BSW Program Admission Essay
    - Two recommendation letters
    - Signed copy of the program progression policies
    - Signed agreement of course sequence
    - Signed agreement of expectations for professional behavior
    - Signed understanding of requirement to be available during regular school day hours for internship, practice experiences, and program-based requirements.

Curriculum for Bachelor of Science in Social Work

Core Curriculum (Credit: 42 hours)

See complete listing of core courses and requirements

Area A: Essential Skills (Credit: 9 hours)

Students must make a C or better in all Area A courses. Courses required for Area A must be completed within students first 30 hours of coursework.

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

	OR	
ENGL 1102H	Honors English Composition II	3
MATH 1001	Quantitative Reasoning	3
	OR	
MATH 1101	Introduction to Mathematical Modeling	3
	OR	
MATH 1111	College Algebra	3
	OR	
MATH 1112	Plane Trigonometry	3
	OR	
MATH 1113	Precalculus Mathematics	3
	OR	
MATH 1251	Calculus I	4

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Recommended courses for Area B: COMM 1012, PSYC 1001, or HUMN 1009.

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Recommended course: COMM 1100.

Area D: Science, Math and Technology (Credit: 11 hours)

Choose two four (4) hour Lab Science Elective courses for non-science majors and choose one three (3) hour Area D Elective course for non-science majors.

	Lab Science	4
	Lab Science	4
	Area D Elective	3

Note: MATH 1401 is preferred for Area D elective.

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
	AND	
POLS 1101	American Government	3
	Area E Elective	3
	Area E Elective	3

Recommended courses: PSYC 1101 or PSYC 1101H and SOCI 1101 or SOCI 1101H.

Area F Lower Division Major Requirements (Credit: 18 hours)

PSYC 2103	Introduction to Human Development	3
SOCW 2215	Introduction to Social Work	3
SOCW 2500	Success in Social Work	3
SOCW 2400	Critical Thinking and Writing for Social Work	3
SOCW 2700	Social Work and the Social Welfare System	3

*and (if not taken in Area D) MATH 1401 and (If not taken in Area E) PSYC 1101 and (If not taken in Area E) SOCI 1101.

Upper Level Courses (Credit: 66 hours)

Major Area Courses (Credit: 45 hours)

SOCW 3000	Cultural Humility and Responsiveness in Social Work	3

SOCW 3100	Human Behavior and the Social Environment	3
SOCW 3200	Direct Social Work Practice I	3
SOCW 3300	Social Work Practice with Groups	3
SOCW 3400	Practice Lab I- Individuals, Families and Groups	3
SOCW 3500	Social Work Practice with Communities and Organizations	3
SOCW 3600	Social Work Research Methods	3
SOCW 3700	Social Welfare & Policy Practice	3
SOCW 3800	Practice Lab II - Change in Organizations and Communities	3
SOCW 4000	Direct Social Work Practice II	3
SOCW 4300	Social Work Practicum & Seminar I	6
SOCW 4500	Organizational and Community Change	3
SOCW 4600	Social Work Practicum & Seminar II	6

Major Electives (Credit: 6 hours)

Take two courses from the following:

SOCW 3005	Introduction to Forensic Social Work	3
SOCW 3010/PBSV 3010	Human Services Management	3
SOCW 3050/PBSV 3050	Crisis Management	3
SOCW 3250	Social Work and Mental Health	3
SOCW 4010/PBSV 4000	Children in Crises	3
SOCW 4220/CRJU 4220	Family Violence and Abuse	3
SOCW 3350	Social Work Across the Healthcare Continuum	3

General Electives (Credit: 9 hours)

You may wish to select a minor or you must take 9 credits of general electives.
Total: 120 hours.

Minor in Social Work

Minor in Social Work

The *Minor in Social Work* offers students of all majors with an opportunity to learn the fundamentals of the profession of social work and prepares students to address a wide-range of interdisciplinary challenges through the integration of a social work perspective on ethical, cultural, and practice considerations. Courses in the *Minor in Social Work* provide students an understanding of populations who may utilize social services and equips students through to work with and on behalf of these populations.

Area F

Students must complete each of the following with a C or better.

SOCW 2215	Introduction to Social Work	3
SOCW 2500	Success in Social Work	3
SOCW 2700	Social Work and the Social Welfare System	3

Social Work Core

Students must complete the following with a C or better.

SOCW 3200	Direct Social Work Practice I	3

Social Work Electives

Students may choose two courses from the following options. Students must obtain a C or better in these courses.

SOCW 3005	Introduction to Forensic Social Work	3
SOCW 3010/PBSV 3010	Human Services Management	3

SOCW 3050/PBSV 3050	Crisis Management	3
SOCW 3250	Social Work and Mental Health	3
SOCW 4010/PBSV 4000	Children in Crises	3
SOCW 4220/CRJU 4220	Family Violence and Abuse	3
SOCW 3350	Social Work Across the Healthcare Continuum	3

Courses taken to satisfy Core Curriculum Areas A through E may not be counted as coursework in the minor. Core Area F courses may be counted as coursework in the minor. Students majoring in social work may not declare a minor in social work.

School of Health and Natural Sciences

Dean: Dr. Tara Underwood

The School of Health and Natural Sciences at Middle Georgia State University offers Associate, Bachelor, and Master degrees in the natural sciences and specialty health career programs designed to prepare qualified graduates for practice in beginning and expanded roles in a variety of health care settings. Associate Degrees are offered in Health Science, Nursing, and Occupational Therapy Assistant fields of study. Bachelor's Degrees are offered in Biology, Rehabilitation Science, Respiratory Therapy, and Nursing. The Natural Sciences Department also participates in the Regents' Engineering Pathway Program. The RN-BSN Completion Program is available for licensed registered nurses who are graduates of Associate Degree Nursing programs and are seeking career and professional advancement. The AS to BS Completion Program in Respiratory Therapy (AS/RT) is available for nationally registered respiratory therapists who are graduates of an accredited Associate Degree respiratory therapy program and are seeking career and professional advancement. A Bachelor of Science in Respiratory Therapy Entry program is also available to traditional students who are interested in becoming Respiratory Therapists in the future. If a student intends to major in one of our baccalaureate clinical programs such as nursing and respiratory therapy, the initial major will be rehabilitation science until you meet further admission requirements to gain entry into one of these programs. The Master of Science in Nursing (MSN) – Adult Gerontology Acute Care Nurse Practitioner (AG-ACNP) program is available for registered nurses who are graduates of a BSN program and whose career goals include providing advanced nursing care for the adult patient in acute healthcare environments. Please refer to the Graduate Academic Catalog for information concerning the AG-ACNP program. We also offer a new bridge program for Certified Occupational Therapy Assistants who are interested in earning a Master of Science in Occupational Therapy degree.

Department of Natural Sciences

Chair: Dr. Dawn Sherry

The Department of Natural Sciences offers a Bachelor of Science degree in Biology with two tracks: the biology track and the secondary education track. The department also participates in the Regents' Engineering Pathway Program. Our programs prepare students for rigorous post-baccalaureate programs or to enter into today's competitive job markets by providing small class sizes, dedicated faculty and a variety of undergraduate research opportunities.

Biology (B.S.)

Bachelor of Science Degree in Biology

The broad field of biology offers diverse career opportunities to individuals with the appropriate training. The Bachelor of Science degree in biology will prepare students for employment in the private sector, government or academia; for science teaching or graduate studies in the biological sciences; or for admission to medical, dental, pharmacy or veterinary schools. The curriculum has been designed to provide students with opportunities for undergraduate research, to develop critical thinking skills and to be competitive in either post-baccalaureate programs or the job market. The biology secondary education track prepares students to teach in grades 9-12.

Curriculum for Bachelor of Science in Biology

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
MATH 1112	Plane Trigonometry	3
	OR	
MATH 1113	Precalculus Mathematics	3
	OR	

MATH 1251	Calculus I	4

Note: Courses required for Area A must be completed within the first 30 hours. If a student takes MATH 1251, the additional hour will be applied to Area F or upper level curriculum. Students must have the necessary prerequisites for any course they choose.

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Area D: Science, Math and Technology (Credit: 11 hours)

	Lab Science Elective CHEM 1211K, CHEM 1212K sequence is strongly recommended	4
	Lab Science Elective CHEM 1211K, CHEM 1212K sequence is strongly recommended	4
	Area D Math 3 hours MATH 1401 strongly recommended	3 hours

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	Area E Elective	3
	Area E Elective	3

See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
SCIE 2998	Research Methods	2
	OR	
SCIE 2999	Directed Study in Natural Sciences	1
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4

SCIE 2999: Must be taken 2 times

Note: BIOL 2107K-BIOL 2108K and CHEM 1211K-CHEM 1212K are required in Area F if not taken in Area D. Students taking either the BIOL 2107K-BIOL 2108K sequence or the CHEM 1211K-CHEM 1212K sequence in Area D should take CHEM 2211K-CHEM 2212K in Area F.

Biology Track

Upper Level Core (Credit: 22 hours)

BIOL 3104K	Cell Biology	4
BIOL 3211	Evolution	4
BIOL 3310K	Biochemistry	4
BIOL 3360K	Plant Biology	4
	OR	
BIOL 3510K	Invertebrate Zoology	4

	OR	
BIOL 3520K	Vertebrate Zoology	4
BIOL 4110K	Genetics	4
BIOL 4120	Senior Seminar	2
	OR	
BIOL 4894	Research	2

Required (Credit: 20 hours)

MATH 1251	Calculus I	4
BIOL 3540K	Microbiology	4
BIOL 4530K	Molecular Biology	4

Note: If MATH 1251 is used in Area A then students should take MATH 2252 or a 4 hour 3000 - 4000 level course with a BIOL prefix

AND EITHER

CHEM 2211K	Organic Chemistry I	4
CHEM 2212K	Organic Chemistry II	4
	OR	
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4

Free Electives (Credit: 18 hours)

Eighteen hours of upper level (3000 or 4000-level) credit from any discipline can apply to this requirement. If a student plans on applying for admission to professional programs, such as, but not limited to, graduate school, medical school, dental school, or pharmacy school, selection from the following list of courses is strongly recommended:

BIOL 3110	Scientific Thought and Theory	3
BIOL 3113	Environmental Science	3
BIOL 3115K	Parasitology	4
BIOL 3130	Ethical Issues in Science	3
BIOL 3350K	Ecology	4
BIOL 3360K	Plant Biology	4
BIOL 3510K	Invertebrate Zoology	4
BIOL 3520K	Vertebrate Zoology	4
BIOL 3666K	Entomology	4
BIOL 3710K	Animal Physiology	4
BIOL 4150K	Tropical Ecology Studies	4
BIOL 4321	Special Topics	2 - 4
BIOL 4322	Neurobiology	3
BIOL 4323K	Marine Biology	4 Credits
BIOL 4324K	Ornithology	4
BIOL 4344K	Comparative Vertebrate Anatomy	4
BIOL 4411/PSYC 4411	Animal Behavior	3
BIOL 4450K	Mycology	4
BIOL 4454K	Developmental Biology	4
BIOL 4500	Immunology	3
BIOL 4667K	Histology	4
BIOL 4774K	Field Biology	4
BIOL 4894	Research	2
MATH 2252	Calculus II	4
MATH 3610	Biological Statistics	3

Total Hours: 120

Biology Secondary Education Track

Upper Level Core (Credit: 33 hours)

Required Courses Credit 27 Hours

BIOL 3104K	Cell Biology	4
BIOL 3211	Evolution	4
BIOL 3310K	Biochemistry	4
BIOL 3350K	Ecology	4
BIOL 3360K	Plant Biology	4
BIOL 4110K	Genetics	4
	BIOL Elective 3000 or 4000 level (3 credits)	

Choose One of the Following Credit 4 Hours

BIOL 3510K	Invertebrate Zoology	4
BIOL 3520K	Vertebrate Zoology	4

Choose One of the Following Credit 2 Hours

BIOL 4120	Senior Seminar	2
BIOL 4894	Research	2

Required Courses (Credit: 27 hours)

EDUC 3100	Reading in Multiple Literacies	3
EDUC 3520	Classroom Management	2 Credits
EDUC 4120	Integrated Secondary Curriculum, Instruction, and Assessment	3
EDUC 4130	Methods in Content Area	4
EDUC 4140	Practicum	3
EDUC 4150	Clinical	9
SPED 3110	Introduction to the Exception Learner	3

Admission, academic progression, and completion requirements for the track can be found in the Academic Catalog under Secondary Education Certification track.

Engineering Studies: Regents' Engineering Pathway Program (REPP)

General Information

Middle Georgia State University (MGA) participates in the Regents' Engineering Pathway Program (REPP). Please note that REPP is not a degree program but a curriculum of courses designed to make transfer as an engineering student to any engineering program in the state of Georgia as seamless as possible. MGA has partnered with Georgia Tech for over 10 years to ensure that students are well prepared for the rigorous coursework required by all engineering programs. The instructors at MGA are committed to teaching and preparing students to meet the challenges of further education and career development in engineering as required by an increasingly technological society. For more information go to: Regents' Engineering Pathway Program or USG REPP.

Regents' Engineering Pathway Program (REPP)

Engineering Transfer

Students interested in completing an Engineering B.S. degree can typically complete their first two years study at MGA and then transfer to their selected senior college to complete their four-year degree. The MGA engineering faculty members work closely with students to assure that their curriculum at MGA is coordinated with the desired major at the senior college of the student's choice. Currently, in addition to Georgia Institute of Technology, the University System of Georgia institutions offering four year degrees in various engineering/engineering technology disciplines include: Georgia Southern University, Kennesaw State University and University of Georgia, while Mercer University is a private university which also participates in REPP.

Required Engineering Transfer Coursework

MGA Courses Required of All Students Interested in Engineering

CHEM 1211K	Principles of Chemistry I	4
ENGL 1101	English Composition I	3

ENGL 1102	English Composition II	3
MATH 1251	Calculus I	4
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4
	Humanities – See Area C and senior college specific requirements	6
	Social Sciences – See Area E and senior college specific requirements	12
HLTH 1101	Health	2

Students are strongly encouraged to go to the senior college's website and research specific curriculum requirements as well as transfer credits.

MGA Courses Required of All REPP Students

CHEM 1211K	Principles of Chemistry I	4
ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
ENGR 1001K	Introduction to Engineering	3
MATH 1251	Calculus I	4
MATH 1371	Computing for the Mathematical Sciences	4
MATH 2252	Calculus II	4
MATH 2253	Calculus III	4
MATH 2260	Introduction to Linear Algebra	3
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4

In addition to the required and elective courses, students may also complete Humanities, Social Science and lower level Engineering requirements by taking Humanities, Social Science and Engineering courses while at MGA. Students are strongly encouraged to go to the appropriate engineering school's website and research specific curriculum requirements as well as transfer credits.

Department of Nursing

Chair: Dr. Donna Ingram

Mission Statement

The mission of the Middle Georgia State University Nursing Program is to provide quality evidence-based nursing education to a diverse student population. The purpose of the nursing programs is to prepare culturally sensitive graduates who are committed to provide safe and effective nursing care through health promotion and disease prevention and are able to use clinical reasoning skills in the provision of care.

General Information

Middle Georgia State University has three nursing programs: Associate of Science in Nursing,
Bachelor of Science in Nursing (two options -- Pre-Licensure BSN and RN-BSN Completion Program), and the Adult-Gerontology Acute Care Nurse Practitioner (AG-ACNP) program.
The curriculum leading to the Associate of Science in Nursing (ASN) and the Bachelor of Science (BSN) degrees combine nursing and general education courses. The ASN program can be completed in two years following completion of required core classes. The AG-ACNP program can be completed in five consecutive semesters following completion of a BSN degree.
The most current Academic Policies and Program information are available online at https://www.mga.edu/health-natural-sciences/nursing/index.php

Accreditation and Approval

The Nursing Programs are accredited by the Accreditation Commission for Education in Nursing (ACEN) and approved by the Georgia Board of Nursing. Pre-licensure graduates are eligible to apply to take the National Council Licensure Examination (NCLEX-RN) leading to licensure as a Registered Nurse (RN). The address for ACEN is 3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326 (404) 975-5000. The ACEN URL is http://www.acenursing.us/accreditedprograms/programSearch.htm

Approval to admit applicants to the National Council Licensure Examination for Registered Nursing (NCLEX-RN) or to grant a license rests with the Georgia Board of Nursing. Applicants who have ever been arrested, convicted, sentenced, plead guilty, or plead nolo contendere or been given first offender status for any felony, a crime involving moral turpitude, or a crime violating federal law involving controlled substances or dangerous drugs or a DUI or DWI, or who have been issued a professional license which has been encumbered (denied, revoked, suspended, surrendered, restricted, or placed on probation) by any state board may take the RN licensing examination only at the discretion of the Georgia Board of Nursing. Furthermore, the license may not be issued until the matter has been resolved to the satisfaction of the Board.

Student Expectations

Middle Georgia State University students are responsible for fulfilling their academic responsibilities in an honest and forthright manner and for conducting themselves with civility in interpersonal interactions. The Middle Georgia State University Student Code of Conduct contains a full description of student rights and responsibilities and the disciplinary procedures which will guide the action of the faculty and administration should a student allegedly violate the code. Nursing is a profession governed by a code of ethics and standards of practice. Students who are charged with a violation of the Middle Georgia State University Student Code of Conduct will be subject to disciplinary procedures by the School of Health and Natural Sciences and Middle Georgia State University. Any violation of the Middle Georgia State University Student Code of Conduct, whether the violation is related to a lack of integrity or civility, may result in dismissal from the Nursing Program without consideration for re-entry.

Students must act as a reasonably prudent nursing student (i.e., as a nursing student with the same educational experience would behave in a given situation) in the clinical laboratory experience. A student who is dismissed for unsafe nursing practice according to the *Policy Regarding Safe Nursing Practice* will not ordinarily be readmitted to the Nursing Program.

Academic Standards

In addition to the other academic regulations of the University, the following requirements apply to the nursing program:

1. All clinical nursing courses require a satisfactory level of performance in theory and in clinical, including campus labs. All nursing courses require a minimum grade of at least a "C" (75%). Nursing Grading Scale: A=100-90, B=89-80, C=79-75, D=74-65, F=64 and below.
2. There will be no rounding of nursing grades.
3. Grades for the clinical component of nursing courses are determined on a competency basis and designated as satisfactory or unsatisfactory. A satisfactory level of clinical competence is required in order to earn a passing grade ("C" or higher) in nursing courses. An unsatisfactory level of competence results in failure in that course. A course grade of "F" will be assigned if a student fails clinically.
4. Nursing course credits are valid for 42 months. All nursing courses must be completed within 42 months of the date of entry into the first nursing course.
5. Safety in the calculation of medication dosages is an expected behavior. Students must satisfy clinical calculations examination requirements as specified in course syllabi.
6. Nursing Student Policies in effect at the time of admission to a nursing cohort apply throughout the program unless due notification of change is provided to the student.
7. Students enrolled in nursing courses must obtain their assigned nursing faculty advisor’s signature on the Middle Georgia State University Withdrawal form before withdrawing from a course.

Clinical Requirements

Accepted students must meet the clinical requirements of all affiliating clinical sites by established deadlines, to include, but not limited to:

1. Completed health history and physical form;
2. Immunization form;
3. TB screening;
4. Criminal Background Check;
5. Urine Drug Screen; and
6. Mandatory Health Professional CPR certification through the American Heart Association.

Note: Students must maintain ability to meet requirements of Nursing Practice Performance Standards/Essential Abilities with or without reasonable accommodations. Students experiencing a change in health status may be required to resubmit health forms.

Note: Students who enter the program must have a Criminal Background Check and Urine Drug Screen performed by a company approved by the Nursing Program. Clinical agencies will review Criminal Background Check and Urine Drug Screen results. The student must be approved by the affiliating clinical agencies in order to participate in clinical experiences and progress in the program. Students denied acceptance by any clinical affiliates will not be able to attend clinical experiences and therefore will not be enrolled in the Nursing Program. Random Criminal Background Checks or Urine Drug Screen may be required while in the Nursing Program. This testing, if required, will be at the student's expense.

Additional Fees and Cost of Attendance

1. Nursing-enrolled students must enroll in the student professional malpractice liability insurance offered by the University.
2. Students enrolled in nursing courses are required to have health insurance that meets minimum standards as mandated by the University System of Georgia. Individual or Association Policies will not be considered for a waiver.
3. A total learning management system cost of approximately $3,000 will be incurred by ASN and PL-BSN students. This cost is non-refundable.
4. Applicants to the ASN and BSN nursing programs (not RN-BSN) are required to take a nursing entrance test and will incur expenses for this test. The testing fee is non-refundable.
5. Nursing Uniforms and Instruments: Nursing students are required to purchase uniforms and instruments at a cost of approximately $300 per year.

Nursing (B.S.N.)

Middle Georgia State University's (MGA) BSN Program is approved by the Georgia Board of Nursing. The Bachelor of Science in Nursing program at Middle Georgia State University is accredited by the: Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326
(404) 975-5000
The most recent accreditation decision made by the ACEN Board of Commissioners for the Bachelor of Science in Nursing program is Continuing Accreditation.
View the public information disclosed by the ACEN regarding this program
at http://www.acenursing.us/accreditedprograms/programSearch.htm

Pre-Licensure BSN Program

The curriculum leading to the Bachelor of Science in Nursing degree combines nursing and general education courses.
In addition to the general policies for the nursing program explained above, the following policies apply to the BSN program:

Admission and Progression: BSN Program

Admission to the nursing program is competitive. To be considered for admission to the Middle Georgia State University (MGA) nursing program, applicants must:

1. (a) be fully admitted to the University according to current catalog guidelines in good academic standing and must have a minimum overall GPA of 3.0 and a minimum GPA of 3.0 in all nursing core courses and the courses required for the nursing program. An applicant cannot be a transient student.

OR

(b) be admitted to the University for the first time as a transfer student in "good academic standing" with a minimum overall transfer GPA of 3.0 and a minimum GPA of 3.0 in all nursing core courses and the courses required for the nursing program.

AND

(c) student MUST submit an online application to the nursing program by the deadline posted at https://www.mga.edu/health-natural-sciences/nursing/apply-instructions.php

AND

(d) Applicants must be fully admitted to the university by the posted nursing application deadline. All admission materials must be properly executed and submitted to the Admissions Office and Registrar including, but not limited to, official transcripts mailed directly from each institution attended.

AND

(e) Applicant must be 18 years of age or older prior to first clinical course.

2. Students who have completed BIOL 2251K, BIOL 2252K, BIOL 2260K, ENGL 1101, ENGL 1102, PSYC 1101, PSYC 2103, and MATH courses must attain a grade of at least a “C” in each course.
3. Students are required to complete all of the general education courses, and the legislative requirements prior to entering the nursing sequence.
4. Applicants must register and take the nursing entrance test. The TEAS Entrance Exam must be taken within 12 months prior to the closing date of the application period. TEAS scores from other test sites are accepted. The testing fee is non-refundable. ASN applicants must score at the level of 64 or higher to be considered for entrance into the undergraduate nursing program. PL-BSN applicants must score at the level of 68 or higher to be considered for entrance into the undergraduate nursing program.
5. A student who has withdrawn with a (W), a (WF) or failed with a (D or F) in any two (2) MGA PLBSN nursing courses *(with the exception of an approved hardship appeal, see note below) will not be eligible for re-entry or admission in the PLBSN nursing program at MGA. However, in these circumstances, the student can apply for entry into the ASN program.

Hardship Appeal Statement

*Hardship Appeals must be submitted prior to the end of the semester and before final examinations. Students must understand that, if the Hardship Appeal is approved, all courses in the relevant semester will receive a grade of “W”. Students cannot choose which course to withdraw from and the student will not be allowed to take exams once a Hardship Appeal form is submitted.

6. Using all available data, including but not limited to the application, entrance test scores, SAT scores, high school GPA, or college academic GPA in courses required in the nursing curriculum, the Admissions, Recruitment, and Retention Committee of the nursing program will evaluate all applicants who meet the admission criteria. Acceptance into the Nursing Program is highly competitive and admission is not guaranteed.
It may not be possible to admit all students who meet the minimum requirements for admission due to availability of clinical space and faculty resources. If there are more qualified applicants than positions available in a nursing class, selection for admission could include the following:
• Percentage of courses complete
• Academic performance in science courses
• Patterns of withdrawal from courses/schools
• Recorded academic misconduct and/or disruptive behavior
• Written communication skills
• Academic history of Ds and/or Fs
7. If the cumulative academic GPA in required nursing courses falls below 3.0 subsequent to their acceptance but prior to the first day of nursing class, students will be denied admission to the program.
8. Applicants who are accepted for admission into the nursing program but do not enter the nursing class must reapply for admission.
9. An applicant who is not accepted to the nursing program may reapply or pursue another major at the University by notifying the Office of the Registrar that they wish to change majors.
10. Students seeking re-entry into any program of Nursing (i.e. Pre-licensure BSN, ASN, RN-BSN) must be fully admitted to the University in good academic standing.
Re-entry into any program of Nursing is not automatic and students are not guaranteed re-entry into the nursing program.
PLBSN and ASN students must submit a Letter of Intent to re-enter the nursing program within 5 working days after the "grades due date" per the academic calendar in the semester in which the course failure or withdrawal occurred.
A student who has withdrawn with a (W), a (WF) or failed with a (D or F) in any two (2) MGA PLBSN nursing courses *(with the exception of an approved hardship appeal, see note below) will not be eligible for re-entry or admission in the PLBSN nursing program at MGA. However, in these circumstances, the student can apply for entry

Hardship Appeal Statement

*Hardship Appeals must be submitted prior to the end of the semester and before final examinations. Students must understand that, if the Hardship Appeal is approved, all courses in the relevant semester will receive a grade of "W". Students cannot choose which course to withdraw from and the student will not be allowed to take exams once a Hardship Appeal form is submitted.
Students planning to return to a nursing course, in which they have received a grade of D or F, or withdrawn with a (W) or a (WF) OR prior PLBSN students who want to be considered for admission into the ASN program must meet the following criteria:
a. Submit a letter of intent.
b. Provide evidence of current immunizations (PPD or chest x-ray, Hepatitis-B series, tetanus and other required immunizations per health care agencies).
c. Provide evidence of current CPR card must be certified by the American Heart Association in Child and Adult basic life support (BCLS) for health care providers. Current professional liability insurance and health insurance, and current criminal background check and drug screen.
d. Attend a mandatory 1/2 day on-campus re-entry session (PLBSN and ASN only).
1.Re-entry is granted on a space available basis. It may not be possible to re-admit all students who apply for readmission due to availability of clinical space and faculty resources.

If there are more applicants than positions available in a nursing class, selection for readmission could include the following:
i. Nursing courses complete
ii. Academic performance in nursing courses
iii. Recorded academic misconduct and/or disruptive behavior
iiii. Written communication skills
All applications will be reviewed by the Admission, Recruitment and Retention Committee. Students requesting re-entry should contact their assigned nursing advisor with any questions or concerns.

2. Re-entry students will be assigned to a Nursing Program Success Coach in addition to their nursing faculty member

Academic Advisor. Re-entry students will be required to sign a Success Guide generated learning contract within 3 weeks of classes starting. Students will be required to meet with the Nursing Program Success Coach as often as noted in the learning contract and are expected to comply with the learning contract action items until graduation. Meetings will focus on student's progress in nursing courses to include didactic and clinical performance.

STUDENTS ARE NOT PERMITTED TO BE RE-ADMITTED INTO THE MGA NURSING PROGRAM DUE TO THE FOLLOWING REASONS:

· Documented academic misconduct and/or disciplinary actions that establish a pattern of unprofessional behavior

· Failure to successfully pass the criminal background check and/or urine drug screen

· Unsafe nursing practice according to the Policy Regarding Safe Nursing Practice found in the Department of Nursing Student Handbook · Terroristic threat to a school official (https://policies.mga.edu/policy-manual/section-4-student-affairs/4-1-student-handbook-code-of-conduct/4-1-5-student-code-of-conduct/4-1-5-2-responsibilities.php)

Curriculum for Bachelor of Science in Nursing (Pre Licensure)

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
	Area A Math Elective	3

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Area D: Science, Math, and Technology (Credit: 11 hours)

	Lab Science Elective (Preferred CHEM 1151K; Acceptable BIOL 1001K, BIOL 2107K, CHEM 1211K or PHYS 1111K - must be lab course)	4
	Lab Science Elective (Preferred CHEM 1152K; Acceptable BIOL 1002K, BIOL 2108K, CHEM 1212K or PHYS 1112K - must be lab course & sequence to first science course)	4
MATH 1401	Elementary Statistics	3

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
PSYC 1101	Introduction to Psychology	3
	Area E Elective	3

See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

PSYC 2103	Introduction to Human Development	3
BIOL 2251K	Anatomy and Physiology I	4
BIOL 2252K	Anatomy and Physiology II	4
BIOL 2260K	Foundations of Microbiology	4

Area F Elective Credit: 3 hours

Select from

SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
SOCI 2293	Introduction to Marriage and Family	3

Upper Division Nursing Courses Required for Pre-Licensure BSN Program (Credit: 60 hours)

NURS 3001	Fundamentals of Nursing (4-9-7)	7
NURS 3110	Patho-Pharmacology	4
NURS 3111	Concepts of Mental Health Nursing Care (3-6-5)	5
NURS 3115	Concepts of Adult and Gerontological Nursing Care I (4-9-7)	7
NURS 3200	Physical Assessment (3-3-4)	4
NURS 3330	Nursing Research Methods (3-0-3)	3
NURS 4000	Concepts of Community Health and Transcultural Nursing Care (3-6-5)	5
NURS 4116	Concepts of Women's and Infant Health Care (3-3-4)	4
NURS 4200	Concepts of the Nurse as Leader/Manager (3-0-3)	3
NURS 4210	Concepts of Adult and Gerontological Nursing Care II (4-6-6)	6
NURS 4211	Concepts of Nursing Care of Children (3-3-4)	4
NURS 4315	Senior Nursing Practicum (3-15-8)	8

Total Hours: 120

Nursing (B.S.) (RN to BSN Completion)

Middle Georgia State University's (MGA) RN-BSN Completion Program is approved by the Georgia Board of Nursing and accredited by the Accreditation Commission for Education in Nursing (ACEN). The address for the Accreditation Commission for Education in Nursing (ACEN) is 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404) 975-5000. http://www.acenursing.us/accreditedprograms/programSearch.htm

The purpose of the RN-BSN Completion Program is to provide Central Georgia Registered Nurses the opportunity to complete a baccalaureate nursing program. As a result, the program will provide Central Georgia health care facilities with baccalaureate- prepared nurses. Middle Georgia State University is committed to offering a flexible schedule of RN-BSN Completion courses with classes being taught online.

Admission and Progression: RN-BSN Program
Admission to the RN-BSN Completion Program is competitive. In order to be considered for admission to the Middle Georgia State University (MGA) nursing program, applicants must:
1. (a) be fully admitted to the University according to current catalog guidelines in "good academic standing" and must have a minimum overall GPA of 2.5 and a minimum GPA of 2.5 in all nursing core courses and the courses required for the nursing program. An applicant cannot be a transient student.
OR
(b) be admitted to the University for the first time as a transfer student in "good academic standing" with a minimum transfer GPA of 2.5 and minimum cumulative academic GPA of 2.5 in courses required in the nursing curriculum.
AND
(c) student MUST submit an online application to the nursing program by the deadline posted at https://www.mga.edu/health-natural-sciences/nursing/apply-instructions.php
AND
(d) Applicants must be fully admitted to the university by the posted nursing application deadline. All admission materials must be properly executed and submitted to the Admissions Office and Registrar including, but not limited to, official transcripts mailed directly from each institution attended.
AND
(e) Applicant must be 18 years of age or older prior to first clinical course.

2. Students are required to complete all Bachelor of Science Degree Nursing core requirements.
3. Students must have graduated from an ACEN accredited Associate Degree or Diploma Nursing Program or fulfilled the Georgia RN-BSN articulation requirements. The address for the Accreditation Commission for Education in Nursing (ACEN) is 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404) 975-5000. http://www.acenursing.us/accreditedprograms/programSearch.htm
4. Students must have a current and valid unrestricted RN license to practice in the state of Georgia. Students must maintain a current and valid unrestricted RN license throughout enrollment in the nursing program. Re-entry into the RN-BSN program is not automatic and students are not guaranteed re-entry into the nursing program.
5. Students planning to return to a nursing course in which they have received a grade of D or F, or withdrawn with a (W) or a (WF) must meet the following criteria:
a. Submit a letter of intent.
b. Provide evidence of current immunizations (PPD or chest x-ray, Hepatitis-B series, tetanus and other required immunizations per health care agencies).
c. Provide evidence of current CPR card, must be certified by the American Heart Association in Child and Adult basic life support (BCLS) for health care providers. Current professional liability insurance and health insurance, and current criminal background check and drug screen.
6. A student who has withdrawn with a (W), (WF) or failed with a (D or F) in any two (2) nursing courses in the RN-BSN program may be considered for re-entry in the nursing program at MGA, should the conditions of the aforementioned W, WF, D, or F be a result of student hardship. Individual hardship circumstances must be discussed with the student's academic advisor at the time of unsuccessful course completion. Hardship circumstances will not be considered retroactively if not disclosed at the time of unsuccessful course completion. Should the student experience additional W, WF, D, or F in any RN-BSN nursing courses, the student will not be allowed to continue in the program.
7. Re-entry is granted on a space available basis.
8. It may not be possible to re-admit all students who apply for readmission due to availability of clinical space and faculty resources. If there are more applicants than positions available in a nursing class, selection for readmission could include the following:
a. Nursing courses complete
b. Academic performance in nursing courses
c. Recorded academic misconduct and/or disruptive behavior
d. Written communication skills
8. All applications will be reviewed by the Admission, Recruitment and Retention Committee.
9. Students requesting re-entry should contact their assigned nursing advisor with any questions or concerns.

Curriculum for Bachelor of Science in Nursing (RN to BSN Completion)

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

	Area A Math Elective	3

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Area D: Science, Math, and Technology (Credit: 11 hours)

	Lab Science Elective (Preferred CHEM 1151K; Acceptable BIOL 1001K, BIOL 2107K, CHEM 1211K or PHYS 1111K - must be lab course)	4
	Lab Science Elective (Preferred CHEM 1152K; Acceptable BIOL 1002K, BIOL 2108K, CHEM 1212K or PHYS 1112K - must be lab course & sequence to first science course)	4
	Area D Math Elective	3

Recommended Area D elective: MATH 1401

Area E: Social Sciences (Credit: 12 hours)

Recommended Area E electives for Nursing students: PSYC 1101 and SOCI 1101 or SOCI 1160.

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	Area E Elective	3
	Area E Elective	3

See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

PSYC 2103	Introduction to Human Development	3
BIOL 2251K	Anatomy and Physiology I	4
BIOL 2252K	Anatomy and Physiology II	4
BIOL 2260K	Foundations of Microbiology	4

Area F Elective Credit: 3 hours

Select from

SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
SOCI 2293	Introduction to Marriage and Family	3

Upper Division Nursing Courses Required for RN-BSN Completion Program (Credit: 30 hours)

NURS 4300	Evidence- Based Practice: The Application of Nursing Research into Practice (5-12-9)	7
NURS 3197	Professional Nursing Practice (3-0-3)	3
NURS 3397	Health Assessment (3-0-3)	3
NURS 3297	Nursing Research Application	3
NURS 4497	Community Health Nursing	3
NURS 4597	Leadership & Management	3
	HS Electives Total 8 hours	
HS 1002	Perspectives on Death and Dying	4
HS 1003	Perspectives on Wellness	4
HS 1004	Perspectives on Women's Health	4

HS 1005	Perspectives on Ethics in Health Care	4

RN-BSN ARTICULATION MODEL

The RN-BSN Completion Program adheres to the Georgia RN-BSN Articulation Plan for the admission and acceptance of students into the nursing program. The address for the Accreditation Commission for Education in Nursing (ACEN) is 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404) 975-5000. http://www.acenursing.us/accreditedprograms/programSearch.htm. Students who do not meet eligibility requirements to be accepted into the nursing courses will need to complete the following requirements prior to acceptance into the RN-BSN Completion Program:

1. Completion of validation testing will be required of all associate degree or diploma graduates who graduated from non-ACEN accredited schools outside the state of Georgia, who graduated more than four years ago, and have less than 1,000 clinical practice hours. The address for the Accreditation Commission for Education in Nursing (ACEN) is 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404) 975-5000. http://www.acenursing.us/accreditedprograms/programSearch.htm. Successful completion of the four subsets of the National League for Nursing (NLN) Nursing Acceleration Challenge Exams (NACE) I & II Exams for RN-BSN students is required to validate current knowledge in the areas of Nursing Care of Child, Nursing Care of Childbearing Family, Nursing Care of the Adult Client, and Nursing Care of the Client with Mental Disorder. Interested individuals can contact the MGA RN-BSN Program Coordinator by calling 478-471-2762 for a bulletin regarding the NACE Exams.
2. Clinical competencies will be validated through psychomotor skills evaluation by faculty. A list of selected skills and evaluation criteria will be provided to students prior to examination. Evaluation of psychomotor skills will occur prior to acceptance into the RN-BSN Completion Program.
3. Upon successful completion of examination and skills requirements, admission to the RN-BSN Completion Program, and completion of NURS 3197, Advanced Standing Course Credit ranging from 1-30 hours for NURS 3600 will be awarded. RN-BSN Completion Program students will then follow the Progression, Dismissal and Readmission standards applicable to all nursing students.
4. Students have one opportunity to demonstrate clinical competencies on the psychomotor skills exams. If a student is not successful in completing one or more components of the required NLN NACE II validation tests, an individual remediation plan will be developed. After completion of the remediation plan, the student will have a total of two opportunities to successfully complete the required testing in each area in which they were unsuccessful.

Total Hours: 90

Nursing (A.S.N.)

Middle Georgia State University's (MGA) ASN Program is approved by the Georgia Board of Nursing. The Associate of Science in Nursing program at Middle Georgia State University is accredited by the: Accreditation Commission for Education in Nursing (ACEN)
3390 Peachtree Road NE, Suite 1400 Atlanta, GA 30326
(404) 975-5000
The most recent accreditation decision made by the ACEN Board of Commissioners for the Associate of Science in Nursing program is Continuing Accreditation.
View the public information disclosed by the ACEN regarding this program
at http://www.acenursing.us/accreditedprograms/programSearch.htm

Admission and Progression: ASN Program

1. Admission to the ASN nursing program is competitive. To be considered for admission to the Middle Georgia State University (MGA) nursing program, applicants must:

(a) be fully admitted to the University according to current catalog guidelines and must have a minimum overall GPA of 2.5 and a minimum GPA of 2.5 in all nursing core courses and the courses required for the nursing program. An applicant cannot be a transient student.

OR

(b) be admitted to the University for the first time as a transfer student in "good academic standing" with a minimum overall transfer GPA of 2.5 in courses required in the nursing curriculum.

AND

(c) have completed any required Learning Support courses and maintain a 2.5 GPA in courses required in the nursing curriculum.

AND

(d) student must submit an online application to the nursing program by the deadline posted at https://www.mga.edu/health-natural-sciences/nursing/apply-instructions.php

AND

(e) Applicants must be fully admitted to the university by the posted nursing application deadline. All admission materials must be properly executed and submitted to the Admissions Office and Registrar including, but not limited to, official transcripts mailed directly from each institution attended.

AND

(f) Applicant must be 18 years of age or older prior to first clinical course.

2. Applicants must register and take the nursing entrance test. The TEAS Entrance Exam must be taken within 12 months prior to the closing date of the application period. TEAS scores from other test sites are accepted. The testing fee is non-refundable. ASN applicants must score at the level of 64 or higher to be considered for entrance into the undergraduate nursing program. PL-BSN applicants must score at the level of 68 or higher to be considered for entrance into the undergraduate nursing program.

3. Students who have completed BIOL 2251K, BIOL 2252K, BIOL 2260K, ENGL 1101, ENGL 1102, MATH Elective, PSYC 1101, and PSYC 2103 must attain a grade of at least a "C" in each course. Students must complete ENGL 1101, ENGL 1102, MATH Elective, BIOL 2251K, and BIOL 2252K prior to admission to the ASN program.

4. A student who has withdrawn with a (W), a (WF) or failed with a (D or F) in any two (2) MGA PLBSN nursing courses *(with the exception of an approved hardship appeal, see note below) will not be eligible for re-entry or admission in the PLBSN nursing program at MGA. However, in these circumstances, the student can apply for entry into the ASN program.

A student enrolled in the ASN program who has withdrawn with a (W), a (WF) or failed with a (D or F) in any two (2) MGA ASN courses *(with the exception of an approved hardship appeal, see note below) will not be eligible for re-entry in the nursing program at MGA.

Hardship Appeal Statement

*Hardship Appeals must be submitted prior to the end of the semester and before final examinations. Students must understand that, if the Hardship Appeal is approved, all courses in the relevant semester will receive a grade of "W". Students cannot choose which course to withdraw from and the student will not be allowed to take exams once a Hardship Appeal form is submitted.

5. Using all available data, including but not limited to the application, entrance test scores, SAT scores, high school GPA, or college academic GPA in courses required in the nursing curriculum, the Admissions, Recruitment, and Retention Committee of the Nursing Program will evaluate all applicants who meet the admission criteria. Acceptance into the Nursing Program is highly competitive. It may not be possible to admit all students who meet the minimum requirements for admission due to availability of clinical space and faculty resources. If there are more qualified applicants than positions available in a nursing class, selection for admission could include the following:

- Percentage of courses complete
- Academic performance in science courses
- Patterns of withdrawal from courses/schools
- Recorded academic misconduct and/or disruptive behavior
- Written communication skills
- Academic history of Ds and/or Fs

6. If the cumulative academic GPA in required nursing courses falls below 2.5 subsequent to their acceptance but prior to the first day of nursing class, students will be denied admission to the program. Students must maintain a cumulative GPA of 2.5 in order to progress in the program.

7. Applicants who are accepted for admission into the nursing program but do not enter the nursing class must reapply for admission.

8. An applicant who is not accepted to the Nursing Program may reapply or pursue another major at the University by notifying the Office of the Registrar that they wish to change majors.

9. Students seeking re-entry into any program of Nursing (i.e. Pre-licensure BSN, ASN, RN-BSN) must be fully admitted to the University in good academic standing.

Re-entry into any program of Nursing is not automatic and students are not guaranteed re-entry into the nursing program.

PLBSN and ASN students must submit a Letter of Intent to re-enter the nursing program within 5 working days after the "grades due date" per the academic calendar in the semester in which the course failure or withdrawal occurred.

A student who has withdrawn with a (W), a (WF) or failed with a (D or F) in any two (2) MGA PLBSN nursing courses *(with the exception of an approved hardship appeal, see note below) will not be eligible for re-entry or admission in the PLBSN nursing program at MGA. However, in these circumstances, the student can apply for entry into the ASN program.

A student enrolled in the ASN program who has withdrawn with a (W), a (WF) or failed with a (D or F) in any two (2) MGA ASN courses *(with the exception of an approved hardship appeal, see note below) will not be eligible for re-entry in the nursing program at MGA.

Hardship Appeal Statement

*Hardship Appeals must be submitted prior to the end of the semester and before final examinations. Students must understand that, if the Hardship Appeal is approved, all courses in the relevant semester will receive a grade of "W". Students cannot choose which course to withdraw from and the student will not be allowed to take exams once a Hardship Appeal form is submitted.

Students planning to return to a nursing course, in which they have received a grade of D or F, or withdrawn with a (W) or a (WF) OR prior PLBSN students who want to be considered for admission into the ASN program must meet the following criteria:

a. Submit a letter of intent.

b. Provide evidence of current immunizations (PPD or chest x-ray, Hepatitis-B series, tetanus and other required immunizations per health care agencies).

c. Provide evidence of current CPR card must be certified by the American Heart Association in Child and Adult basic life support (BCLS) for health care providers. Current professional liability insurance and health insurance, and current criminal background check and drug screen.

d. Attend a mandatory on-campus 1/2 day re-entry session (PLBSN and ASN only).

Re-entry is granted on a space available basis.

It may not be possible to re-admit all students who apply for readmission due to availability of clinical space and faculty resources. If there are more applicants than positions available in a nursing class, selection for readmission could include the following:

a. Nursing courses complete

b. Academic performance in nursing courses

c. Recorded academic misconduct and/or disruptive behavior

d. Written communication skills

All applications will be reviewed by the Admission, Recruitment and Retention committee. Students requesting re-entry should contact their assigned nursing advisor with any questions or concerns.

Re-entry students will be assigned to a Nursing Program Success Coach in addition to their nursing faculty member Academic Advisor. Re-entry students will be required to sign a Success Guide generated learning contract within 3 weeks of classes starting. Students will be required to meet with the Nursing Program Success Coach as often as noted in the learning contract and are expected to comply with the learning contract action items until graduation. Meetings will focus on student's progress in nursing courses to include didactic and clinical performance.

STUDENTS ARE NOT PERMITTED TO BE RE-ADMITTED INTO THE MGA NURSING PROGRAM DUE TO THE FOLLOWING REASONS:

· Documented academic misconduct and/or disciplinary actions that establish a pattern of unprofessional behavior

· Failure to successfully pass the criminal background check and/or urine drug screen

· Unsafe nursing practice according to the Policy Regarding Safe Nursing Practice found in the Department of Nursing Student Handbook · Terroristic threat to a school official (https://policies.mga.edu/policy-manual/section-4-student-affairs/4-1-student-handbook-code-of-conduct/4-1-5-student-code-of-conduct/4-1-5-2-responsibilities.php)

Curriculum for Associate of Science in Nursing (A.S.N.)

Note: The Associate of Science in Nursing fulfills general education requirement for a career associate degree.

Area A Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
	Area A Math Elective Credit 3 hours	

Humanities/Fine Arts Elective (Credit: 3 hours)

Choose one of the following courses:

ENGL 2111	World Literature I	3
ENGL 2112	World Literature II	3
ENGL 2121	British Literature I	3
ENGL 2122	British Literature II	3

ENGL 2131	American Literature I	3
ENGL 2132	American Literature II	3
ENGL 2141	African American Literature I	3
ENGL 2142	African American Literature II	3

Social/Behavioral Sciences (Credit: 9 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
	OR	
POLS 1101	American Government	3
	AND	
PSYC 1101	Introduction to Psychology	3
PSYC 2103	Introduction to Human Development	3

Note: Students must satisfy the U.S. and Georgia history requirement with either the U.S and Georgia History Exam or HIST 2111 or HIST 2112. Students must satisfy the U.S. and Georgia constitution requirement with either the U.S. and Georgia Constitution Exam or POLS 1101.

Major Field Courses (Credit: 46 hours)

BIOL 2251K	Anatomy and Physiology I	4
BIOL 2252K	Anatomy and Physiology II	4
BIOL 2260K	Foundations of Microbiology	4
NURS 1000	Foundations of Nursing Practice (4-9-7)	7
NURS 1500	Adult and Gerontological Nursing Practice I (4-6-6)	6
NURS 1510	Behavioral Health Nursing across the Lifespan (2-3-3)	3
NURS 2000	Adult & Gerontological Nursing Practice II (4-6-6)	6
NURS 2010	Maternal, Newborn & Child Nursing Practice (3-3-4)	4
NURS 2500	Adult and Gerontological Nursing Practice III (3-15-8)	8

Total Hours: 67

Department of Rehabilitation Science

Chair: Betsy McDaniel

The Department of Rehabilitation Science offers a Bachelor of Science degree in Rehabilitation Science, an Associate of Science degree in Occupational Therapy Assistant (OTA Program), and a Master of Science degree in Occupational Therapy (MSOT Program). The B.S. in Rehabilitation Science degree prepares students to enter today's competitive job markets in areas including rehabilitation specialists, clinical coordinators, or medical assistants. In addition, the Rehabilitation Science degree also prepares students for admission to rigorous post-baccalaureate programs including physical therapy, occupational therapy, speech and language pathology, athletic training, physician assistant, and others.

Occupational therapy practitioners (OTAs and OTs) provide services to individuals with mental, physical, or developmental impairments. Occupational therapy focuses on teaching people how to overcome or work within their limitations to live as independently as possible. Graduates of the OTA Program are eligible to sit for the national certification exam administered by the National Board for Certification in Occupational Therapy (NBCOT®) and apply for state licensure as an occupational therapy assistant. The Department of Rehabilitation Science is currently involved in the accreditation process for the Master of Science in Occupational Therapy degree which will be a bridge program to allow certified occupational therapy assistants to further their education by building upon their existing knowledge and experience.

Mission Statement

The mission of the Department of Rehabilitation Science is to provide quality evidence-based education that prepares competent rehabilitation professionals who will improve the quality of life, health, performance, and well-being of diverse populations throughout Georgia.

Accreditation and Approvals

The Occupational Therapy Assistant Program at MGA is fully accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at: 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. ACOTE's telephone number, c/o AOTA, is 301.652.6611 and the web address is www.acoteonline.org. For more information, please visit the ACOTE website. After graduation, our students are eligible to sit for the National Certification Examination for the Occupational Therapy Assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). The NBCOT program data results can be found at National Board for Certification in Occupational Therapy (NBCOT). All graduates must pass the NBCOT exam in order to become licensed to practice in the state of Georgia.

The Master of Science in Occupational Therapy Bridge Program at MGA has been granted Candidacy status by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. ACOTE's telephone number c/o AOTA is 301.652.AOTA and the web address is www.acoteonline.org. The program must have a pre-accreditation review, submit an initial Report of Self-Study, complete an on-site evaluation, and be granted Accreditation Status before its graduates will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT®). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). (Please see MGA Graduate Catalog for more information on the OT Program.)

Student Expectations

Middle Georgia State University students are responsible for fulfilling their academic responsibilities in an honest and forthright manner conducting themselves with civility in interpersonal interactions. The Middle Georgia State University Code of Conduct, the Occupational Therapy Assistant Student Handbook, and the Rehabilitation Science Student Handbook contain a full description of student rights and responsibilities and the disciplinary procedures that will guide the action of the faculty and administration should a student allegedly violate the code. Students who are charged with a conduct violation will be subject to disciplinary procedures by the School of Health and Natural Sciences and Middle Georgia State University. Any violation, whether related to lack of integrity or civility, may result in dismissal from the Occupational Therapy Assistant Program or the Occupational Therapy Program without consideration for re-entry.

Rehabilitation Science (B.S.)

Program Director: Dr. Stacey O'Neal, DPT

Rehabilitation Science is an interdisciplinary field dedicated to the study of human function and participation in relationship to health and well-being. Basic and applied research from the social sciences is directed toward enhancing physical and psychosocial functioning, increasing quality of life for people with disabilities, and informing relevant social and health care policy. The Rehabilitation Science Program at MGA offers students a rigorous science-based foundation for rehabilitation-related careers upon graduation. Rehabilitation professionals will find job opportunities in facilities such as physical health and wellness centers, addiction treatment centers, disability accommodation programs, independent living and community programs, insurance companies, state and federal rehabilitation programs, or veteran affairs centers, among others. Rehabilitation Science students at MGA can also choose a pathway that will prepare them for admission to one of our health career programs including Nursing, Occupational Therapy Assistant, and Respiratory Therapy. In addition, the Rehabilitation Science Program also provides a clear and distinctive pathway for admission to graduate programs including occupational therapy, physical therapy, speech and language pathology, physician assistant, prosthetics and orthotics, rehabilitation counseling, assistive technology, and other related health care fields.

Estimated Expenses

Rehabilitation Science Program costs, in addition to regular MGA fees, include:

- Student Uniforms and Accessories (final semester) $50
- Criminal Background Check up to (final semester) $ 150.00
- Professional Liability Insurance (final semester) $ 16.00
- Drug Screen (final semester) – approximately $45
- American Heart Association CPR certification (final semester) up to $ 90.00
- Physical (final semester) – up to $50.00
- TB Test (final semester) – approximately $30

Students enrolled in the Rehabilitation Science Program will complete a 200 hour internship during their final semester and should be prepared for additional financial responsibilities at that time. Some students may be required to complete additional drug screens, vaccinations, or other tests as required by their internship sites and will be responsible for any associated fees. All fees are approximate and subject to change.

Curriculum for the Bachelor of Science in Rehabilitation Science

Students may choose one of the following three tracks: Respiratory Therapy Track, Nursing Track, or Graduate School Track.
Students in the Graduate School Track must follow USG STEM Math/Science Guidelines.

Core Curriculum (Credit: 42 hours)

See complete listing of core courses and requirements

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
	AND	
ENGL 1102	English Composition II	3
	OR	
ENGL 1102H	Honors English Composition II	3
	AND	
MATH 1001	Quantitative Reasoning	3
	OR	
	OR	
MATH 1111	College Algebra	3
	OR	
MATH 1112	Plane Trigonometry	3
	OR	
MATH 1113	Precalculus Mathematics	3
	OR	
MATH 1113H	Honors Precalculus	3
	OR	
MATH 1251	Calculus I	4

Note: Courses required for Area A must be completed within the first 30 hours.
Recommended elective for students who declare **Respiratory Therapy Track** is MATH 1111 College Algebra
Recommended elective for students who declare **Graduate School Track** is MATH 1113 Precalculus Mathematics

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Recommended Courses (Choose one): HS 1000 Perspectives on Health Care Professions; HS 1002 Perspectives on Death and Dying; HS 1003 Perspectives on Wellness; HS 1004 Perspectives on Women's Health; HS 1005 Perspectives on Ethics in Healthcare

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Note: Recommended Area C Elective for students in the **Graduate School Track**: COMM 1110 Public Speaking

Area D: Science, Math and Technology (Credit: 11 hours)

Choose an 8-hour sequence from the following:

BIOL 1001K	Introductory Biology I	4
BIOL 1002K	Introductory Biology II	4
	OR	
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
	OR	
CHEM 1151K	Survey of Chemistry I	4
CHEM 1152K	Survey of Chemistry II	4
	OR	
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
	OR	
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
	OR	
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4

Note:
Students who declare the **Respiratory Therapy Track** must take CHEM 1151K Survey of Chemistry I (4 credits) or CHEM 1211K Principles of Chemistry (4 credits), with a required lab science sequence.
Recommended **Graduate School Track** Area D science sequence is BIOL 1001K Introductory Biology I (4 credits) and BIOL 1002K Introductory Biology II (4 credits) OR CHEM 1151K Survey of Chemistry I (4 credits) and CHEM 1152K Survey of Chemistry II (4 credits)

AREA D ELECTIVE: 3 HOURS

Note: Recommended Area D Elective for students in the **Nursing Track:** MATH 1401 Elementary Statistics (3 credits)
Note: Recommended Area D Elective for students in the **Graduate School Track:** MATH 1401 Elementary Statistics (3 credits)

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	AND	
	Area E Elective	3
	Area E Elective	3

Note:
Recommended Area E Elective for students who have declared the **Respiratory Therapy Track** are SOCI 1101 Introduction to Sociology (3 credits) OR SOCI 1160 Introduction to Social Problems (3 credits) OR ECON 2105 Principles of Macroeconomics (3 credits) OR ECON 2106 Principles of Microeconomics (3 credits)
Recommended Area E Elective for students who have declared the **Nursing Track** are PSYC 1101 Introduction to Psychology (3 credits) AND SOCI 1101 Introduction to Sociology (3 credits) OR SOCI 1160 Introduction to Social Problems (3 credits)
Recommended Area E Elective for students who have declared the **Graduate School Track** are PSYC 1101 Introduction to Psychology (3 credits) and SOCI 1101 Introduction to Sociology (3 credits)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 11 hours)

PSYC 2103	Introduction to Human Development	3

Electives Hours (Credit: 7 hours)

Choose from the following:

HS 2000	Medical Terminology	3
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
MATH 1401	Elementary Statistics	3
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4
PSYC 1101	Introduction to Psychology	3
SOCI 1101	Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3
SOCI 2293	Introduction to Marriage and Family	3
MATH 1113	Precalculus Mathematics	3

*Additional courses in math, business, technology, science, or the social sciences may be used to satisfy Area F requirements.
NOTE:
Students who have declared the **Respiratory Therapy Track** must take the following 10 hours:
BIOL 2260K Microbiology for Health Sciences (4 credits)
PSYC 1101 Introduction to Psychology (3 Credits) (Students may, if they choose, use PSYC 1101 for Area F as a substitution for PSYC 2103. If PSYC 1101 is used in Area E, choose either chemistry, physics, statistics or psychology from the list above)
Elective (3 Hours) – Guided electives must be chemistry, physics, statistics, or psychology from the list above.
NOTE:
Students who have declared the **Nursing Track** must take the following 10 hours:
BIOL 2260K Microbiology for Health Sciences (4 credits)
MATH 1401 Elementary Statistics (3 Credits) (Students may, if they choose, use MATH 1401 for Area D and use PSYC 1101 or a 1000- or 2000-level SOCI course to fulfill this requirement)
NOTE:
Student who have declared the **Graduate School Track** must complete the following:

- A two course sequence of chemistry with laboratories
- A two course sequence of physics with laboratories

- A two course sequence of anatomy and physiology with laboratories
- One general biology course with laboratory
- One course in statistics

The courses may be completed in order to fulfill the requirements in Areas A-F while additional courses or prerequisites may be used as electives in the major.

Upper Division Course Requirements (Credit: 60 hours)

Required Courses (Credit: 42 hours)

HLSA 3410	Introduction to Exercise Science	3
PSYC 3265	Abnormal Psychology	3
RHAB 3000	Introduction to Rehabilitation Professions	3
RHAB 3100	Applied Anatomy and Kinesiology I	3
RHAB 3110	Applied Anatomy and Kinesiology II	3
RHAB 3200	Exercise Physiology	3
RHAB 4000	Pathophysiology for the Rehabilitation Professional I	3
RHAB 4010	Pathophysiology for the Rehabilitation Professional II	3
RHAB 4100	Cultural and Psychosocial Aspects of Disability	3
RHAB 4250	Assessment in Rehabilitation	3
RHAB 4300	Assistive Technology and Independent Living	3
RHAB 4900	Rehabilitation Internship	3
RHAB 3320	Professional Communication for Rehabilitation	3

Research Methods Requirement

Choose ONE of the following courses:

HLSA 3000	Research Methods for Health Sciences	3
PBSV 3020	Research Methods	3
PSYC 3002	Research Methods	3

NOTE: Other research methods courses may be approved by the Chair

Major Area Electives (Credit: 15 hours)

Students may use 15 hours of elective courses to meet the 60 credit hour requirement in the upper division. Science, math, and social science courses at the 1000-2000 level are acceptable as electives in the Graduate School Track.
Total Hours: 120

Occupational Therapy Assistant (A.S.)

Program Director: Betsy McDaniel, COTA/L
The Associate of Science in Occupational Therapy Assistant (OTA) Program at Middle Georgia State University requires a minimum of two years of study. Occupational Therapy Assistant courses are offered sequentially beginning in the Fall semester. Students must complete BIOL 2251K (Anatomy and Physiology I) and an additional 8 credit hours of the required core courses prior to acceptance into the OTA Program. The Occupational Therapy Assistant Program prepares graduates to provide entry-level OT services under the supervision of an occupational therapist. These services include the use of occupation based activities to develop, maintain, or restore function for individuals whose daily occupations are impaired due to physical or psychosocial disabilities, developmental deficits, the aging process, poverty, or sociocultural differences.

Accreditation Statement

The Occupational Therapy Assistant Program at Middle Georgia State University received initial accreditation in December 1996 from the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 20852-4929. The program was most recently re-accredited for a 10 year period in April 2012. Graduates of the program will receive an Associate of Science degree in Occupational Therapy Assistant and are eligible to take the national certification examination for the Occupational Therapy Assistant, administered by the National Board for Certification in Occupational Therapy (NBCOT®), located at One Bank Street, Suite 300, Gaithersburg, MD 20878, (301) 990-7979. After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). In addition, most states require COTAs to obtain a license in order to practice occupational therapy. However, the ability to receive a state license in Georgia is based on passing the (NBCOT®) certification examination. **PLEASE NOTE:** felony conviction may affect a student's ability to complete Level II Fieldwork or a graduate's ability to sit for the (NBCOT®) Certification Exam and attain state licensure. All students will be required to complete a background check upon admission to the OTA Program. If you have been convicted of a felony, you will be required to complete the Early Determination Review process with NBCOT® to determine eligibility to take the National Certification Exam and provide the OTA Program with documentation from NBCOT® indicating that you will be eligible to take the certification exam once all other eligibility requirements are met. Failure to provide the OTA Program with this documentation prior to the mid-term date in the first semester of the OTA Program will result in immediate dismissal from the OTA Program. For more information on the Early Determination Review process, please see the NBCOT® website.

Estimated Expenses

OTA Program costs, in addition to regular MGA fees, are approximate and include:
OTACAS Application Fee $25
• Student Uniforms and Accessories (2 years) $ 250.00
• Textbooks - OTA Courses (2 years) $1,300.00
• Fieldwork Travel and Lodging $2,000.00 (varies by location)
• Field Trip Travel up to $ 300.00
• Criminal Background Check up to $ 200.00 yearly
• Professional Liability Insurance $ 16.00 yearly
• Drug Screen – approximately $100 yearly
• AOTA membership $ 100.00 yearly
• American Heart Association CPR certification up to $ 90.00
• Pinning ceremony expenses up to $ 50.00 in final year
• Lab fees associated with OTA courses with labs - vary according to semester
• Physical - $50.00
• TB Test – approximately $30
• Immunizations - $710 max (if no immunizations prior to enrollment)
• Specific OTA supplies and/or equipment - $60.00
• Software - $10.00
• Certification Exam after graduation - $550.00

Travel to clinical/fieldwork and field trip sites may be extensive. OTA fieldwork sites are throughout the state of Georgia and students need to be aware that they may have to travel or relocate in order to complete fieldwork requirements. Travel expenses, including living arrangements are the responsibility of the student. Some students may be required to complete additional drug screens or other tests and/or vaccinations as required by their fieldwork sites and will be responsible for any associated fees. All expenses are approximate and subject to change without prior notice.

General Requirements and Procedures for Admission to the Occupational Therapy Assistant Program

1. Admission to the Occupational Therapy Assistant Program is competitive and limited. To be considered for admission to the program, applicants must first: (a) be admitted to the University in "good academic standing" with a minimum cumulative academic GPA of 2.75, or (b) be enrolled in the University in "good academic standing" with a minimum cumulative academic GPA of 2.75 in the core curriculum courses required in the OTA Program.
2. Students must complete BIOL 2251K (Anatomy and Physiology I) and an additional 8 credit hours of the required core courses with a minimum cumulative GPA of 2.75. Students must earn a letter grade of "C" or better in all requires courses. Students with Academic Renewal must complete a minimum of 12 semester hours before the AR-GPA is considered.
3. Once students have met the requirements above, students must complete the OTA Program application through OTACAS on the OTA Program website.
4. Using all available data, including the OTA Program application, cumulative GPA, and letters of reference, the Admissions Committee for the OTA Program will evaluate all applicants who meet the admission criteria and select the best qualified applicants for admission. The OTA Program has a maximum enrollment of 30 students per cohort and admits one cohort each fall semester.
5. Applicants who are accepted for admission into the program but who do not enter the program the semester they applied for must reapply in order to be considered for admission to a future class.
6. Applicants who are not accepted to the program may apply again for the following year if they so choose.
7. Students who enter the program must have a Criminal Background Check and Urine Drug Screen performed by a company approved by the OTA Program. Clinical agencies will review Criminal Background Check and Urine Drug Screen results and if a student is not allowed to attend a clinical fieldwork assignment due to these results will not be able to attend fieldwork experiences and therefore will be dismissed from the OTA Program. Random criminal background checks and/or urine drug screens may be required while in the OTA Program. This testing, if required, will be at the student's expense.

NOTE: If you have been convicted of a felony, you will be required to complete the Early Determination Review process with NBCOT® to determine eligibility to take the National Certification Exam and provide the OTA Program with documentation from NBCOT® indicating that you will be eligible to take the certification exam once all other eligibility requirements are met. Failure to provide the OTA Program with this documentation prior to the mid-term date in the first semester of the OTA Program will result in immediate dismissal from the OTA Program. For more information on the Early Determination Review process, please see the NBCOT® website.
8. Students enrolled in OTA courses are required to have health insurance that meets minimum standards as mandated by the University System of Georgia. Students who are covered by an acceptable policy held by a parent, spouse, company, or organization may request a waiver. Individual or Association Policies will not be considered for a waiver. Students who do not have health insurance sufficient to meet these standards may purchase health insurance through MGA. Students enrolled in OTA courses with a fieldwork component are required to have professional liability insurance coverage in the amount of $1M single/$3M aggregate which is offered through MGA. Students will note this fee on their account when enrolled in those courses (approximately $16).
9. Essential Competencies Policy: The Americans with Disabilities Act (ADA) ensures the qualified applicant with a disability has the opportunity to pursue program admission at public institutions. To determine whether an individual is a qualified applicant for programs or services, the ADA states that applicants must meet essential competency requirements. Essential competencies include critical thinking, communication, interpersonal skills, mobility, visual, hearing, and tactile abilities. The ability to observe, collect data and treat a patient independently, while ensuring patient safety at all times is expected of all OTA students at Middle Georgia State University. The inability to comply with these essential competencies at any point in the program will result in dismissal from the program. Students experiencing a change in health status may be required to resubmit health forms. A list of essential competencies and explanations is available at the OTA home page at https://www.mga.edu/health-natural-sciences/rehabilitation-science/occupational-therapy-assistant/documents.php.
10. A student who has had two unsuccessful attempts in any health science program will be ineligible for admission to the OTA program.
11. Students who are dismissed from the OTA Program for any reason including academic deficiencies will not be considered for readmission.
12. Applicants who are accepted for admission to the OTA Program must provide a physical examination report and other health requirements as adopted by the Department of Rehabilitation Science. Information on completing these requirements will be provided each year during or before the OTA Program Orientation prior to the start of the fall semester. Enrolled OTA students must enroll in the student professional liability insurance offered by the University. A valid American Heart CPR certification card is mandatory throughout the student's program of study.

Academic Progression Standards for Occupational Therapy Assistant Students

Once admitted to the OTA Program, students must meet the following requirements in order to complete the program:

1. A grade of C or better is required in all OTA program-related courses and core courses.
2. Passing grades of 75% in each individual section of the course (lecture, laboratory, and Level I fieldwork) as well as the professional behavior assessment are required to pass the courses. Other course-specific competencies may be required to pass the course. Students who

do not pass the professional behavior assessment or any other portion of the course will receive a maximum grade of D for the course.
3. Students will receive "0" points for any portion of an assignment that is not completed.
4. Late assignments will receive a 10% deduction PER DAY, beginning immediately after the actual time which the assignment was due. (Example: if a paper is due at 9:00am, and it is submitted at 10:00am, it will receive a 10% deduction.)
5. Students must pass all practical exams in OTA courses. Students will have only two attempts to pass each practical exam. Failure of the second attempt will result in failure of the course. Students who fail a practical examination prior to midterm will be required to withdraw from the course but will also sign an academic agreement stating that they understand they have failed the course and will be dismissed from the program if they fail their second attempt of that course or any other OTA course (including Level II Fieldwork) or the Pre-Fieldwork Practical.
6. Students can have only one failure of any OTA course, including Level II fieldwork courses. More than one failure will result in dismissal from the OTA program. Continuation in the OTA program after failure of even one OTA course is at the discretion of the OTA faculty. The student must be eligible to return to the OTA program and to MGA.
7. Academic progression policy
a. Some OTA courses and some general education courses are sequential. Students cannot enroll in an OTA course unless they have completed the required prerequisite OTA and general education courses with a grade of C or better. Students must complete BIOL 2251K (Anatomy and Physiology I) prior to enrolling in OCTA 1211. Students must enroll in PSYC 1101 prior to taking OCTA 1421. Students must successfully complete PSYC 1101 no later than freshman spring semester.
b. Students must pass OCTA 1410 in the freshman spring semester with a grade of "C" or better. Failure of or dropping this course will result in dismissal from the OTA program.
c. Students must complete all OTA core classes prior to Fall sophomore semester.
d. Students must complete the OTA program including Level II Fieldwork within a three calendar year span of time. For example, students who begin the OTA program in fall 2022 must complete the entire program by December 2025.
e. Students must pass all Level II Fieldwork courses within 12 months of completion of academic preparation in order to graduate from the program or by December of the third year, whichever occurs first. Students who fail a level II Fieldwork course must retake the course the next semester that the course is available. Students who are failing may request to withdraw from Level II fieldwork courses one time only. NOTE: Each Level II fieldwork course is considered a course in the OTA Program, therefor failure of a Level II FW course counts as failure of a course. If a student has already failed one OTA course, failure of any level II FW course will result in dismissal from the OTA Program. Students who have already failed an OTA course may not choose to withdraw from a Level II FW course because this will exceed the 3 year maximum time frame for completing the OTA Program.
f. Students must complete all academic requirements and all OTA core courses prior to attending level II fieldwork. It is the student's ultimate responsibility to ensure that all required core classes for the OTA degree are completed prior to the start of Level II Fieldwork. (Limited exceptions may be considered on a case by case basis.)
g. Students may not take any additional courses while on Level II fieldwork. This includes courses to complete an additional degree other than OTA. This policy has been put in place to protect the student's ability to be successful on Level II fieldwork.
8. The grading system for all OTA courses is: A=90-100, B=80-89.99, C=75-79.99, D=60-74.99, F=below 60. Grades will not be rounded up.
9. Midterm grades will be issued each semester. The OTA program will issue either an "S" indicating satisfactory progress or a "U" indicating unsatisfactory progress in the course.
10. Students who fail out of the OTA program will not be eligible to reenter the OTA program.
11. Students who fail OCTA 1300 will be dismissed from the OTA Program and may not be eligible for readmission. Students who drop OCTA 1300 and/or OCTA 1211 for personal reasons will need to reapply to the OTA Program. Readmission is at the discretion of the OTA faculty.
12. Students who fail OCTA 1211, but pass OCTA 1300, in their first freshman fall semester, will be allowed to progress to the spring semester and will take OCTA 1410. Upon passing that course students will return the next fall to retake OCTA 1211 and then will progress to take OCTA 1421 and OCTA 1422 the following spring.
13. Students must provide proof of membership in AOTA by September 30 th each year. Students must maintain active AOTA membership until they graduate from the OTA program.
14. Students must provide proof of membership in GOTA by September 30 th each year. Students must maintain active GOTA membership until they graduate from the OTA program.
15. During the final semester before Level II Fieldwork, students will be given a Pre-fieldwork Clinical Skills Assessment that will evaluate essential, safe, clinical practice skills. Results will be mailed to Level II Fieldwork sites with the student's permission. Students must receive a minimum score of 75% on each section of the assessment. Students will have 1 retake attempt. Failure on the 2 nd attempt will result in failure of OCTA 2230 and delay of Level II fieldwork.
16. Students who fail the second attempt of the Pre-Fieldwork Clinical Skills Assessment will be required to attend scheduled labs in OCTA 1422 (Physical Practice for the OTA) in the spring semester. Students will be given the lab schedule by the first week of January. Students who fail to attend the scheduled lab dates will be dismissed from the OTA Program. Upon successful completion of the lab dates the student will be re-enrolled in OCTA 2230 for the following fall and will be required to complete the Pre-Fieldwork Clinical Skills assessment successfully, with one failure allowed. Students who do not pass 75% of each section on the final attempt of the Pre-Fieldwork Clinical Skills Assessment will be dismissed from the OTA Program and will not be readmitted.
17. Students who fail OCTA 2110, 2230, 2224, or 2323 (and it is their first failure in the OTA Program) will be required to successfully complete the Pre-Fieldwork Clinical Skills Assessment as a stand-alone practical examination in addition to all other required coursework, to ensure that the student is adequately prepared and safe to treat clients in a clinical setting on Level II Fieldwork. Students will be required to

attend scheduled labs in OCTA 1422 (Physical Practice for the OTA) in the spring semester. Students will be given the lab schedule by the first week of January. Students who fail to attend the scheduled lab dates will be dismissed from the OTA Program. Students who complete the required labs will be assigned a time to complete the Pre-Fieldwork Clinical Skills assessment, with one failure allowed. Students who do not pass 75% of each section on the final attempt of the Pre-Fieldwork Clinical Skills Assessment will be dismissed from the OTA Program and will not be readmitted. (Note: regardless of which class the student is enrolled in that semester, failure of the Pre-Fieldwork Clinical Skills Assessment will result in dismissal from the program because students will not be able to meet the 3-year maximum time-limit on completing the OTA Program. Every attempt will be made to schedule students in this situation prior to midterm so that a withdrawal from the course will be possible.)

18. All students are required to sign and submit the OTA Core Academic Requirements, OTA Student Handbook Verification, and all other signed statements included at the end of the OTA Student Handbook by the end of the drop/add period. Failure to do so will result in a lower professional behavior grade and may hinder the OTA program's ability to place students on fieldwork, which will result in failure of the course and possible dismissal from the OTA program.
19. First year students must turn in all required clinical documentation as directed to the Fieldwork Coordinator or OTA Administrative Assistant by November 15th. Failure to do so will result in dismissal from the OTA program.
20. Second year students must turn in all required clinical documentation as directed to the Fieldwork Coordinator or OTA Administrative Assistant by October 10 th. Failure to do so will result in the student being dropped from any OTA practice classes in which they are enrolled, which will result in dismissal from the OTA program.
21. All students are required to communicate weekly with the AFWC via D2L unless otherwise instructed. Failure to communicate each week may result in failure of the Level II FW course.

Curriculum for the Occupational Therapy Assistant (ASOTA) Program

Note: The Associate of Science in Occupational Therapy Assistant Program fulfills general education requirement for a career associate degree.

Critical Reading and Writing (Credit: 6 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3

Natural Sciences/Mathematics Elective (Credit: 3 hours)

Choose one of the following courses:

MATH 1001	Quantitative Reasoning	3
MATH 1111	College Algebra	3
MATH 1112	Plane Trigonometry	3
MATH 1113	Precalculus Mathematics	3
MATH 1113H	Honors Precalculus	3
MATH 1251	Calculus I	4
MATH 1401	Elementary Statistics	3

NOTE: Recommended course is MATH 1401 Elementary Statistics

Humanities/Fine Arts Elective (Credit: 3 hours)

Literature Elective 3 credits

Social/Behavioral Sciences (Credit: 9 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
	OR	
POLS 1101	American Government	3
PSYC 1101	Introduction to Psychology	3
PSYC 2103	Introduction to Human Development	3

NOTE: Students must satisfy the U.S. and Georgia history requirement with either the U.S. and Georgia History Exam or HIST 2111 or HIST 2112. Students must satisfy the U.S. and Georgia constitution requirement with either the U.S. and Georgia Constitution Exam or POLS 1101.

Major Field Courses (Credit: 51 hours)

BIOL 2251K	Anatomy and Physiology I	4
BIOL 2252K	Anatomy and Physiology II	4
OCTA 1211	Analysis of Human Movement	2
OCTA 1300	Introduction to OTA	3
OCTA 1410	Therapeutic Media	4
OCTA 1421	Psychosocial Practice for the OTA	4
OCTA 1422	Physical Practice for the OTA	6
OCTA 2110	Adaptive Techniques for OTA	2
OCTA 2230	OTA Seminar	3
OCTA 2224	Innovative Practice for the OTA	2
OCTA 2323	Pediatric Practice for the OTA	5
OCTA 2541	Level II Fieldwork	6
OCTA 2542	Level II Fieldwork	6

Note: BIOL 2251K is a prerequisite to the OTA Program. BIOL 2252K may be completed after acceptance to the program.
Total Hours: 72

Department of Respiratory Therapy

Chair: Teri Miller
Respiratory Therapy is a health care profession dedicated to the care, management, and life-support of individuals having deficiencies and abnormalities associated with the cardiopulmonary system. Respiratory Therapists are experts in the use of therapeutic and diagnostic aids to respiration. They must have a working knowledge of chemistry, microbiology, and physiology as well as respiratory therapy.

General Information

The following information applies to all respiratory therapy programs. Middle Georgia State University offers a Bachelor of Science in Respiratory Therapy Entry Level Program (BSRT-Entry) and a Bachelor of Science in Respiratory Therapy Completion Program (BSRT-Bridge). The most current academic policies and program information are available online. The program solicits input from an Advisory Committee that meets regularly to review the program's goals and objectives and to make recommendations to ensure that these goals and objectives are met. The committee is made up of the Medical Director, physicians, managers, respiratory therapists, faculty, and students. The Respiratory Therapy Program's Medical Director provides input to ensure that the medical components of the curriculum, both didactic and supervised clinical practice, meet the standards of medical practice.

Mission Statement

The mission of the Department of Respiratory Therapy is to provide quality education that prepares competent respiratory care professionals to serve a diverse health care community. The overarching vision for the Department of Respiratory Therapy at Middle Georgia State University is to be a regionally and nationally recognized respiratory therapy program of excellence by providing students with a first-class education which will prepare them to be actively engaged professionals through education, community service learning, and advanced practice.

Accreditation and Approvals

The Commission on Accreditation for Respiratory Care (CoARC) accredits the BSRT-Entry program. Graduates will be eligible to take the National Board for Respiratory Care (NBRC) Therapist Multiple-Choice Examination. If the candidate achieves the lower cut score, they will earn the CRT credential. If a candidate achieves the higher cut score, they will earn the CRT credential and become eligible for the Clinical Simulation Examination and the opportunity to earn the RRT credential. Application must be made for State Licensure to work in the State of Georgia.

Student Expectations

Middle Georgia State University students are responsible for fulfilling their academic responsibilities in an honest and forthright manner conducting themselves with civility in interpersonal interactions. The Middle Georgia State University Code of Conduct and the Respiratory Therapy Handbook contain a full description of student rights and responsibilities and the disciplinary procedures that will guide the action of the faculty and administration should a student allegedly violate the code. Students who are charged with a violation of the Middle Georgia State University Code of Conduct or the Respiratory Therapy Handbook will be subject to disciplinary procedures by the School of Health and Natural Sciences and Middle Georgia State University. Any violation, whether related to lack of integrity or civility, may result in dismissal from the Respiratory Therapy Program without consideration for re-entry.

General Requirements and Procedures for Admission to the Respiratory Therapy Programs

1. Admission to the Respiratory Therapy Program is competitive and limited. To be considered for admission or readmission to the program, applicants must first: (a) be admitted to the University in "good academic standing" with a minimum cumulative academic GPA of 2.50, or (b) be enrolled in the University in "good academic standing" with a minimum cumulative academic GPA of 2.50 in the core curriculum courses required in the respiratory program.
2. Once students qualify under either of the above described conditions, they may obtain application materials required for admission to the program online or from the Office of Respiratory Therapy.
3. Using all available data, including the application, SAT scores when available, high school GPA or university academic GPA in courses required in the respiratory therapy curriculum, letters of reference, the Admissions Committee of Respiratory Therapy will evaluate all applicants who meet the admission criteria and select the best qualified applicants for admission. Limited numbers of students are formally accepted each year to the BSRT-Entry Program due to the intensive hospital training.
4. BSRT-Entry applicants must take the Respiratory Entrance Exam (REE). Applicants are accepted based on all available data including the Respiratory Entrance Exam (REE) score. Acceptance into the Respiratory Therapy Program is highly competitive.
5. The Respiratory Entrance Exam (REE) must be administered at Middle Georgia State University by the Testing Center or the Respiratory Therapy Program.
6. If the cumulative GPA in required courses falls below the minimum 2.50 subsequent to their acceptance but prior to the beginning of the cohort's first semester of the program, they will be denied the privilege of entering the program.
7. Applicants who are accepted for admission into the program but who do not enter the program the semester they applied for must reapply in order to be considered for admission to a future class.
8. Applicants who are not accepted to the program may pursue another major at the University by notifying the Office of the Registrar that they wish to change majors.
9. Students who enter the program must have a Criminal Background Check and Urine Drug Screen performed by a company approved by the Respiratory Therapy Program. Clinical agencies will review Criminal Background Check and Urine Drug Screen results. The student must be approved by the clinical agency in order to participate in clinical experiences and progress in the program. If a clinical affiliate does not allow a student to attend clinical and the student is unable to meet class, lab, or practicum objectives, the student will not be allowed to progress in the Respiratory Therapy Program.

   Based on professional judgment of the faculty, random Criminal Background Checks or Urine Drug Screen may be required while in the Respiratory Therapy Program. This testing, if required, will be at the student's expense.
   Students enrolled in Respiratory Therapy courses are required to have health insurance that meets minimum standards as mandated by the University System of Georgia. Students who are covered by an acceptable policy held by a parent, spouse, company, or organization may request a waiver. Individual or Association Policies will not be considered for a waiver.
10. Students seeking admission to the Bachelor of Science Completion Program must have completed a regionally accredited respiratory therapy program with an associate of science degree and have earned the RRT credential.

Note: Middle Georgia State University will accept Anatomy and Physiology I, Anatomy and Physiology II, and Microbiology coursework under Area F for Respiratory Therapy Bachelor of Science Completion Program majors who earned an associate degree in Respiratory Therapy from a regionally accredited technical college and who have earned the Registered Respiratory Therapist (RRT) credential from the National Board for Respiratory Care (NBRC).

Academic Standards for Respiratory Therapy Program: Progression, Dismissal, and Readmission

In addition to the other academic regulations of the University, the following requirements apply to the Respiratory Therapy Program:

1. A grade of at least a "C" is required for successful completion of each required respiratory therapy course.
2. A grade of at least a "C" is required in BIOL 2251K, BIOL 2252K, BIOL 2260K, CHEM 1151K, ENGL 1101, ENGL 1102, PSYC 1101, and the Area A MATH elective.
3. All core requirements must be completed prior to entering the BSRT-Entry program.
4. Failure to meet progression requirements will result in dismissal from the Respiratory Therapy Program.
5. Students in good standing who voluntarily withdraw from the respiratory program may re-enter the program on a space available basis.
6. In addition to the requirements set forth in the Middle Georgia State University Academic Catalog, the student is responsible for adhering to all of the policies and procedures outlined in the Respiratory Therapy Student Handbook.

7. Academic misconduct, in any form, will not be tolerated and may result in dismissal from the program or not being admitted into the program.

Note: Applicants who are accepted for admission into the Respiratory Therapy Program must provide a physical examination report, and health requirements as adopted by the department. Enrolled respiratory therapy students must enroll in the student professional liability insurance offered by the University. Certificate and insurance must be valid during the junior and senior years. A valid American Heart CPR card is mandatory throughout the student's program of study.
While students who have been convicted of a felony may be admitted to the Respiratory Therapy Program, such a conviction may prohibit them from attending clinical rotations, taking the national board examinations and becoming licensed by the Georgia Composite State Medical Board which governs respiratory care practice in the State of Georgia. Students without clinical placement cannot progress within the program.

Readmission to the Program

Readmission to the program is at the discretion of the Department Chair. In order to be considered for readmission into the program, the student must be in "good academic standing" and meet criteria for re-entry consideration as established by the Department Chair.

Performance Standards

A Respiratory Care Practitioner (RCP) is an integral part of the health care profession that supports and maintains respiration by administering therapies or by providing diagnostic services. The RCP must demonstrate cognitive, psychomotor, and affective skills in such a manner as to not place one's self, another health care worker, or the patient in any danger. Failure to demonstrate any of the abilities listed below is cause for dismissal from the RT program.
As mandated by the American Disabilities Act and the Rehabilitation Act of 1973 (Section 504), any impairment will be given careful consideration judged by the accommodations which must be made and by the ability to be educated and employed in the field of Respiratory Therapy.
An applicant should inform the Chair of Respiratory Therapy prior to Admission to the program of any documented disabilities that relate to the identified performance standards.
The following is a list of the essential job functions of a RCP that must be performed independently on a daily basis.

Practice Performance Standards

ISSUE	PERFORMANCE STANDARD	EXAMPLES OF NECESSARY ACTIVITIES (NON ALL-INCLUSIVE)
Critical Thinking	Critical-thinking ability sufficient for clinical judgment	Identify cause/effect relationships in clinical situations, maintains client's physical and emotional safety, demonstrates competence in administration of meds, treatments and procedures, develop care plans
Interpersonal	Interpersonal abilities sufficient for interaction with individuals, families and groups from various social, emotional, cultural and intellectual backgrounds	Establish rapport with clients and colleagues, tolerate physically taxing workloads alternating shifts, function effectively during stressful situations, respond appropriately in stressful and emergency situations (physically, emotionally, mentally)
Communication	Communication abilities sufficient for verbal and written interaction with others	Speak clearly and succinctly; Describe client situations; Perceive nonverbal communication; Communicate effectively with physicians, staff, clients and client's families; Explain treatment procedures, initiate health teaching, and document and interpret nursing actions and client responses
Mobility	Physical abilities sufficient for movement from room to room and in small spaces	Stand for long periods of times; Work at a fast pace for long periods of time; Moves around in client's room, work spaces and treatment areas; Administer cardiopulmonary procedures
Motor Skills	Gross and fine motor abilities sufficient for providing safe, effective nursing care	Lift heavy objects; Use equipment and tools needed to carry out safe client care, position clients; Don sterile gloves and gown; Prepare medication aseptically.
Hearing	Auditory ability sufficient for monitoring and assessing health needs	Hear nurse call bell from clients; Hear telephone and have the ability to take orders over the telephone; Hear vital statistics with stethoscope to assess blood pressure, heart rate, lung vascular and abdominal sounds; Hear monitor alarm and emergency signals requiring quick response, and cries for help
Visual	Visual ability sufficient for observation and assessment necessary in nursing care	Observe client responses and assess correctly; see nurse call/emergency light; Read doctor's orders; Read very fine, small print on medication

		containers; Read monitors and other equipment
Tactile	Tactile ability sufficient for physical assessment	Perform palpation, functions of physical examination; Manual dexterity to use sterile technique to insert catheters (IV, Foley)

Adopted from SREB Council on Collegiate Education for Nursing

Respiratory Therapy Completion Program (B.S.R.T)

The Bachelor of Science in Respiratory Therapy Completion Program (BSRT-Bridge) is a degree advancement program which provides the practicing AS or AAS prepared Registered Respiratory Therapist (RRT) an education that is relevant and professionally sound to meet the respiratory therapy needs of the healthcare community. The respiratory therapist works with all members of the health care team in identifying and solving problems of respiratory disease and disorders of the cardiopulmonary system. The curriculum includes biological and physical sciences basic to understanding the functioning of the human breathing system, such as anatomy, physiology, medical terminology, chemistry, mathematics, microbiology, and physics and is designed to advance the knowledge of credentialed respiratory therapists focusing on specialty areas in Respiratory Therapy, as well as research, education, and management.

Curriculum for Bachelor of Science in Respiratory Therapy

Completion/AS to BS Bridge Program

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
	Area A Math Elective	3

Note: Recommended Elective: MATH 1111
Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Area D: Science, Math and Technology (Credit: 11 hours)

Students must take CHEM 1151K Survey of Chemistry I (4 credits) or CHEM 1211K Principles of Chemistry (4 credits), with a required lab science sequence.

BIOL 1001K	Introductory Biology I	4
BIOL 1002K	Introductory Biology II	4
	OR	
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
	OR	
CHEM 1151K	Survey of Chemistry I	4
CHEM 1152K	Survey of Chemistry II	4
	OR	
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
	OR	
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
	OR	
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4
	AND	

	Area D Elective	3

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	AND	
	Area E Elective	3
	Area E Elective	3

Note: Recommended Area E Electives: SOCI 1101 Introduction to Sociology 3 credits OR SOCI 1160 Introduction to Social Problems 3 credits OR ECON 2105 OR ECON 2106
See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 15 hours)

PSYC 1101	Introduction to Psychology	3
BIOL 2251K	Anatomy and Physiology I	4
BIOL 2252K	Anatomy and Physiology II	4
BIOL 2260K	Foundations of Microbiology	4

Guided Elective (Credit: 3 hours)

Suggested Area F Electives include:

PSYC 2103	Introduction to Human Development	3
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 2211K	Organic Chemistry I	4
CHEM 2212K	Organic Chemistry II	4
MATH 1401	Elementary Statistics	3

PSYC 1101: Introduction to Psychology 3 Credits. (If PSYC 1101 is used in Area E choose chemistry, physics, statistics or psychology from the list above)
Elective (3 Hours) – Guided electives must be chemistry, physics, statistics, or psychology from the list above.

Credit by Validation (Credit: 21 hours)

Credit by validation (CV) is given for the following Respiratory Therapy courses based on the RRT credential and awarded through Prior Learning Credit (PLA) application.

RESP 3121	Fundamentals of Respiratory Care II	3
RESP 3123	Cardiopulmonary Critical Care I	3
RESP 3131	Neonatal Pediatric Care	3
RESP 3133	Cardiopulmonary Critical Care II	3
RESP 4120	Respiratory Care Seminar	2
RESP 4125	Clinical Rotation VII	7

Upper-Division Classes (Credit: 39 hours)

Credit by validation (CV) is given for the following Respiratory Therapy courses based on the earned additional specialty credentials from the National Board for Respiratory Care (NBRC).

- Adult Critical Care Specialist (RRT-ACCS) credential - RESP 3050 Advanced Adult Critical Care

- Neonatal Pediatric Specialist (RRT-NPS) credential- RESP 3040 Advanced Neonatal Pediatrics
- Certified Pulmonary Function Technologist (CPFT) or Registered Pulmonary Function Technologist (RPFT) credential- RESP 4060 Pulmonary Functions

HLSA 3310	American Health Care System	3
HLSA 3320	Health Care Management	3
RESP 3010	Advanced Mechanical Ventilation	3
RESP 3020	Intensive Respiratory Physiology	3
RESP 3030	Respiratory Research	3
RESP 3040	Advanced Pediatrics/Neonatology	3
RESP 3050	Advanced Adult Critical Care	3
RESP 4010	Case Management and Protocol Evaluation	3
RESP 4020	Quality Control & Collaborative Care	3
RESP 4030	Polysomnography	3
RESP 4040	Respiratory Community Health	3
RESP 4050	Mentoring and Preceptorship	3
RESP 4060	Pulmonary Function Technology	3

Total Hours: 120

Respiratory Therapy Entry Level (B.S.)

Respiratory Therapy is a health care profession dedicated to the care, management, and life support of individuals having deficiencies and abnormalities associated with the cardiopulmonary system. Respiratory Therapists are experts in the use of therapeutic and diagnostic aids to respiration. They must have a working knowledge of chemistry, microbiology, and physiology as well as respiratory therapy. The BSRT-Entry program is an entry-level degree program accredited by the Commission on Accreditation for Respiratory Care (CoARC). The program's primary goal is to prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavioral) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs) and to prepare leaders for the field of respiratory care by including curricular content that includes objectives related to acquisition of skills in one or more of the following: management, education, research, advance clinical practice (which may include an area of clinical specialization).

Curriculum for Bachelor of Science in Respiratory Therapy

Entry-Level Program

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

ENGL 1101	English Composition I	3
ENGL 1102	English Composition II	3
	OR	
ENGL 1102H	Honors English Composition II	3

Note: Courses required for Area A must be completed within the first 30 hours.

Math Elective (Credit: 3 Hours)

Choose one of the following courses:

MATH 1001	Quantitative Reasoning	3
MATH 1111	College Algebra	3
MATH 1112	Plane Trigonometry	3
MATH 1113	Precalculus Mathematics	3
MATH 1113H	Honors Precalculus	3
MATH 1251	Calculus I	4

NOTE: Recommended elective: MATH 1111

Area B: Institutional Options (Credit: 4 hours)

	Perspectives Elective	4

Area C: Humanities/Fine Arts (Credit: 6 hours)

	Literature Elective	3
	Area C Elective	3

Area D: Science, Math and Technology (Credit: 11 hours)

Note: Students must take CHEM 1151K Survey of Chemistry I (4 credits) or CHEM 1211K Principles of Chemistry (4 credits), with a required lab science sequence.

BIOL 1001K	Introductory Biology I	4
BIOL 1002K	Introductory Biology II	4
	OR	
BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
	OR	
CHEM 1151K	Survey of Chemistry I	4
CHEM 1152K	Survey of Chemistry II	4
	OR	
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
	OR	
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
	OR	
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4
	AND	
	Area D Elective	3

Area E: Social Sciences (Credit: 12 hours)

HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
POLS 1101	American Government	3
	AND	
	Area E Elective	3
	Area E Elective	3

Note: Recommended Area E Electives: SOCI 1101 Introduction to Sociology 3 credits OR SOCI 1160 Introduction to Social Problems 3 credits OR ECON 2105 OR ECON 2106

See complete listing of core courses and requirements (p. 65)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 15 hours)

PSYC 1101	Introduction to Psychology	3
BIOL 2251K	Anatomy and Physiology I	4
BIOL 2252K	Anatomy and Physiology II	4
BIOL 2260K	Foundations of Microbiology	4

Guided Elective (Credit: 3 hours)

Suggested Area F Electives include:

PSYC 2103	Introduction to Human Development	3
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4

PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4
CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 2211K	Organic Chemistry I	4
CHEM 2212K	Organic Chemistry II	4
MATH 1401	Elementary Statistics	3

Note: Students Must Take the Following:
PSYC 1101: Introduction to Psychology 3 Credits. (If PSYC 1101 is used in Area E choose chemistry, physics, statistics or psychology from the list above)
Elective (3 Hours) – Guided electives must be chemistry, physics, statistics, or psychology from the list above.

Upper-Division Respiratory Therapy Courses Required for Entry-Level Program (Credit: 60 hours)

RESP 3110	Respiratory Care Assessment and Physiology	3
RESP 3111	Fundamentals of Respiratory Care I	3
RESP 3112	Virtual Clinical Experience 1	3
RESP 3113	Diagnostics	1
RESP 3114	Cardiopulmonary Research	2
RESP 3115	Clinical Rotation I	1
RESP 3120	Teaching and the Adult Preceptor	2
RESP 3121	Fundamentals of Respiratory Care II	3
RESP 3122	Virtual Clinical Experience 2	3
RESP 3123	Cardiopulmonary Critical Care I	3
RESP 3125	Clinical Rotation II	2
RESP 3126	Clinical Rotation III	1
RESP 3131	Neonatal Pediatric Care	3
RESP 3133	Cardiopulmonary Critical Care II	3
RESP 3135	Clinical Rotation IV	1
RESP 4110	Leadership and Management	2
RESP 4111	Neonatal Pediatric Critical Care	3
RESP 4112	Virtual Clinical Experience 3	3
RESP 4113	Advanced Critical Care	3
RESP 4115	Clinical Rotation V	2
RESP 4116	Clinical Rotation VI	1
RESP 4120	Respiratory Care Seminar	2
RESP 4124	Alternative Respiratory Care	3
RESP 4125	Clinical Rotation VII	7

Total Hours: 120

Health Science (A.S.)

The Associate of Science (A.S.) in Health Sciences will provide prospective students with the opportunity to obtain their career and professional goals across an aggregate of credentials within the School of Health and Natural Sciences. The A.S. in Health Sciences is a degree completion program that requires successful completion of 60 credits as a preparatory option for students wishing to pursue the next level of higher education and admission into a baccalaureate health professions degree such as the B.S. in Nursing or the B.S. in Respiratory Therapy.

Curriculum for Associate of Science in Health Science

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

Required English Courses (Credit: 6 hours)

ENGL 1101	English Composition I	3

	AND	
ENGL 1102	English Composition II	3
	OR	
ENGL 1102H	Honors English Composition II	3

Math Elective (Credit: 3 hours)

Choose one of the following courses:

MATH 1001	Quantitative Reasoning	3
MATH 1111	College Algebra	3
MATH 1112	Plane Trigonometry	3
MATH 1113	Precalculus Mathematics	3
MATH 1113H	Honors Precalculus	3
MATH 1251	Calculus I	4

Area B: Institutional Option (Credit: 4 hours)

	Perspectives Elective	4

Preferred Courses: HS 1000 Perspectives on Health Care Professions; HS 1002 Perspectives on Death & Dying; HS 1003 Perspectives on Wellness; HS 1004 Perspectives on Women's Health; HS 1005 Perspectives on Ethics in Health Care.

Area C: Humanities and Fine Arts (Credit: 6 hours)

Humanities - 3 credit hours
Fine Arts - 3 credit hours

	Area C Elective	3
	Area C Elective	3

Area D: Science, Math, and Technology (Credit: 11-12 hours)

Choose an 8-credit hour science sequence from the following sets of classes:

Biology

BIOL 2107K	Principles of Biology I	4
BIOL 2108K	Principles of Biology II	4
BIOL 1001K	Introductory Biology I	4
BIOL 1002K	Introductory Biology II	4

Prerequisite for BIOL 2107K: CHEM 1211K
Prerequisite for BIOL 2108K: Must make a grade of C or higher in BIOL 2107K
Prerequisite for BIOL 1002K: BIOL 1001K

Chemistry and Physics

CHEM 1211K	Principles of Chemistry I	4
CHEM 1212K	Principles of Chemistry II	4
CHEM 1151K	Survey of Chemistry I	4
CHEM 1152K	Survey of Chemistry II	4
PHYS 1111K	Introductory Physics I	4
PHYS 1112K	Introductory Physics II	4
PHYS 2211K	Principles of Physics I	4
PHYS 2212K	Principles of Physics II	4

Prerequisite for CHEM 1211K: Must make a grade of 'C' or higher in MATH 1111
Prerequisite for CHEM 1212K: Must make a grade of 'C' or higher in CHEM 1211K
Prerequisite for PHYS 1111: MATH 1112 or MATH 1113
Prerequisite for PHYS 1112: Grade of C or better in PHYS 1111K
Prerequisite for PHYS 2211: Grade of C or better in MATH 1251
Prerequisite for PHYS 2212: MATH 2252 and a grade of C or better in PHYS 2211K

Area D Elective Math

MATH 1401	Elementary Statistics	3
	OR	

MATH 1401H	Honors Elementary Statistics	3

MATH 1401 (p. 307) or MATH 1401H (p. 307) is a prerequisite for HLSA 3000 (p. 288).

Area E: Social Sciences (Credit: 12 hours)

American History (Credit: 3 hours)

Choose one of the following courses:

HIST 2111	United States History to 1865	3
HIST 2111H	Honors United States History to 1865	3
HIST 2112	United States History since 1865	3
HIST 2112H	Honors United States History Since 1865	3

These courses will satisfy the state requirements in U.S. and Georgia history.

Political Science (Credit: 3 hours)

Choose one of the following courses:

POLS 1101	American Government	3
POLS 1101H	Honors American Government	3

These courses will satisfy the state requirements in U.S. and Georgia Constitution.

Area E Electives Credit 6 hours

Choose two (2) of the following courses:

PSYC 1101	Introduction to Psychology	3
PSYC 1101H	Honors Introduction to General Psychology	3
SOCI 1101	Introduction to Sociology	3
SOCI 1101H	Honors Introduction to Sociology	3
SOCI 1160	Introduction to Social Problems	3

Area F: Lower Division Major Requirement (Credit: 18 hours)

BIOL 2251K	Anatomy and Physiology I	4
BIOL 2252K	Anatomy and Physiology II	4
BIOL 2260K	Foundations of Microbiology	4
PSYC 2103	Introduction to Human Development	3
HS 2000	Medical Terminology	3

Total Credit Hours: 60
Total Hours: 60

Certificate in Health Science

Health Science (Certificate)

Program description:
The Certificate in Health Science is an entry-level credential that allows current high school students the opportunity to earn a certificate in a STEM related major while in high-school or upon completion of the credential requirements following high school graduation. This certificate is specifically designed for dual-enrolled students in the Georgia Academy Program and available to other dual-enrolled students who meet the criteria for completion.
High school students must demonstrate a track record of successful college-level academic progression with a cumulative GPA of 2.0 or higher in all college-level courses taken and a minimum grade of C in all pre-requisite courses. This stackable credential demonstrates that a dual-enrolled high-school student has met the criteria that is equitable to their second year of study in a health science associate or bachelor's degree program such as the A.S. in Health Science, B.S. in Nursing, the BS in Rehabilitation Science or the B.S. in Respiratory Therapy. This certificate also serve as a building block for students interested in entering STEM related career fields following high school.

Admissions Requirements:

1. Student must be a current high school Junior or Senior, and
2. Must have successfully completed the courses listed below with a grade of 'C' or better:
a. English Composition I and II (ENGL 1101 and ENGL 1102)

Regularly admitted students who meet the academic requirements for the certificate may apply for admission to the program. If all academic requirements for the certificate are met, a regularly admitted student may apply for graduation from the certificate program while pursuing higher level credentials.

Core Curriculum (Credit: 15 hours)

Curriculum for Certificate in Health Science
Core Curriculum (Credit: 15 hours)
Student should choose one COMM, one ENGL, and one HIST course from the following course table and also take ECON 2105 and PSYC 1101.

COMM 1100	Human Communication	3
	OR	
COMM 1110	Public Speaking	3
	AND	
ENGL 2131	American Literature I	3
	OR	
ENGL 2132	American Literature II	3
	AND	
ECON 2105	Principles of Macroeconomics	3
	AND	
HIST 2111	United States History to 1865	3
	OR	
HIST 2112	United States History since 1865	3
	AND	
PSYC 1101	Introduction to Psychology	3

*ENGL 2131/2132 has an ENGL 1102 prerequisite.
*PSYC 1101 requires a "C" or higher toward certification.

Major Requirement (Credit: 18 hours)

BIOL 2251K	Anatomy and Physiology I	4
BIOL 2251L	Anatomy and Physiology I Laboratory	0
BIOL 2252K	Anatomy and Physiology II	4
BIOL 2252L	Anatomy and Physiology II Laboratory	0
BIOL 2260K	Foundations of Microbiology	4
BIOL 2260L	Foundations of Microbiology Laboratory	0
HS 2000	Medical Terminology	3
PSYC 2103	Introduction to Human Development	3

*PSYC 2103 has a PSYC 1101 prerequisite.
*All major coursework requires a "C" or higher toward certification.
Total Credit Hours: 33

Courses

AADS - African and African Diaspora Studies

AADS 2000 - Introduction to African and African Diaspora Studies (3 credits)
This course will introduce students to key concepts, themes and debates in scholarship on Africa and the African diaspora. Students are provided with a wide interdisciplinary introduction to African and African diaspora studies through diverse course materials and readings. Students will be able to interpret contemporary African and African diaspora (including African American) issues with an informed historical background and challenge the stereotypical image of Africa as the “Dark Continent.”
Lecture Hours: 3.

AADS 4900 - African and African Diaspora Field Research (3 credits)
A service-learning course that draws on the principles of experiential learning by immersing students in an organized service activity that meets identified community needs. Field research seeks to empower individuals and groups of people with the skills they need to effect change within their communities. These skills are often created through the formation of social groups working for a common agenda. This seminar and field research course will equip students to better understand and experience how to effectively work with communities and individuals responsible for implementing social policies and practices for social justice.
Lecture Hours: 3. Prerequisite: AADS 2000 with a "C" or higher, or permission of instructor..

ABA - Applied Behavior Analysis

ABA 3100 - Introduction to Applied Behavior Analysis Principles and Concepts (3 credits)
This course provides an overview of and introduction to the philosophical underpinnings and basic concepts and principles of applied behavior analysis. Students gain an understanding of behavior-analytic processes and terminology by defining and providing examples of concepts and principles and applying them to a range of situations. Topics include behavior, response, and stimulus classes; respondent and operant conditioning; positive and negative reinforcement; schedules of reinforcement; positive and negative punishment; automatic and socially mediated contingencies; unconditioned, conditioned and generalized reinforcers and punishers; extinction; stimulus control; discrimination, generalization, and maintenance; motivating operations; rule-governed and contingency-shaped behavior; verbal operants; derived stimulus relation; philosophical underpinnings of a science of behavior analysis.
Lecture Hours: 3. Prerequisite: At least a C in PSYC 1101..

ABA 4200 - Measurement and Experimental Design in Behavior Analysis (3 credits)
This courses examines behavioral data collection, measurement, experimental design and analysis, data display and interpretation. The course focuses on measurement issues and research designs used in applied behavior analysis, including single-subject experimental designs.
Lecture Hours: 3. Prerequisite: At least a C in PSYC 1101 and ABA 3100.

ABA 4210 - Ethics of Applied Behavior Analysis (3 credits)
This course covers the Behavior Analyst Certification Board (BACB) Professional and Ethical Compliance Code for Behavior Analysts. In this course, students will come to understand the roles and responsible conduct requirements of a behavior analyst and supervisors of behavior analysts. Students will examine and resolve ethical dilemmas which may be encountered by behavior analysts. Students conduct risk-benefit analysis of evidence-based treatment approaches and develop declarations of professional practices and procedures for behavior analysts.
Lecture Hours: 3. Prerequisite: At least a C in PSYC 1101 and ABA 3100.

ABA 4220 - Behavior Assessment (3 credits)
This course introduces behavior-analytic assessment procedures, including how to identify a need for behavior change, prioritize behavior change goals, conduct skills assessments, conduct functional assessments of problem behaviors, and conduct stimulus preference assessments for identifying potential reinforcers. Students will learn to critically evaluate environmental stimuli in order to make informed recommendations for behavior change.
Lecture Hours: 3. Prerequisite: At least a C in PSYC 1101 and ABA 3100..

ABA 4300 - Behavior-Change Procedures and Interventions (4 credits)
Principles and procedures for selecting, implementing, and monitoring advanced behavior-change interventions are introduced. Operant analysis of both verbal and overt problem behaviors are covered. Topics include functional analysis of complex verbal relations, procedures for establishing new behaviors and preventing and modifying behaviors. Students will be introduced to relational frame theory and current trends in behavior-analytic research.
Lecture Hours: 4. Prerequisite: At least a C in PSYC 1101 and ABA 3100.

ABA 4310 - Supervision and Management for Applied Behavior Analysis (2 credits)
Prepares students to serve as supervisors, trainers, mentors, and coaches, integrating basic behavior analytic concepts. Creating motivating work environments that maximize performance and minimize problems/absenteeism as well as integrating basic behavior analytic concepts into training plans that are client centered and that involve translating research into practice is emphasized. In addition, this course emphasizes the role of data collection in training, monitoring, and modifying problematic work performance.

Lecture Hours: 2. Prerequisite: At least a C in PSYC 1101, ABA 3100, ABA 4200, ABA 4210, ABA 4220, and ABA 4300..

ACCT - Accounting

ACCT 2000 - Survey of Accounting (3 credits)
This is a survey course of the fundamentals of financial and managerial accounting designed for the non-business major. The course includes the conceptual background for the measurement of income and analyzing the financial conditions of businesses and information used in applying managerial accounting techniques. This course is not open to students who have had ACCT 2101.
Lecture Hours: 3 hours.

ACCT 2101 - Principles of Accounting I (3 credits)
This course is a study of the underlying theory and application of financial accounting concepts. It focuses on the development, analysis, and interpretation of financial statements and their use in decision making.
Lecture Hours: 3 hours. Prerequisite: A least a C in ENGL 1101 and Area A Math.

ACCT 2102 - Principles of Accounting II (3 credits)
This course is a study of the underlying theory and application of managerial accounting concepts. It is a study of financial and non-financial information for use by internal decision makers in merchandising, manufacturing, and service organizations. It focuses on the application of concepts to decision making.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 2101.

ACCT 3101 - Intermediate Financial Accounting I (3 credits)
This course is a study of the theory, principles and procedures of financial accounting. It focuses on the preparation of financial statements and emphasizes the time value of money, cash, receivables, and inventory.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 2102.

ACCT 3102 - Intermediate Financial Accounting II (3 credits)
This course is a study of the theory, principles, and procedures of financial accounting begun in ACCT 3101. It emphasizes long term assets, current and long term liabilities, and shareholders' equity.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 3101.

ACCT 3103 - Intermediate Finance Accounting III (3 credits)
This course is a study of the theory, principles, and procedures of financial accounting begun in ACCT 3102. It emphasizes the analysis, recording, reporting, and disclosure of complex accounting issues including but not limited to leases, pensions, deferred income taxes, cash flows, and interim reporting.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 3102.

ACCT 3110 - Cost Accounting (3 credits)
This course is a study of the preparation and analysis of information to assist management in decision making, planning, and controlling business activities. It emphasizes the use of management accounting information for costing products and services, budgeting, pricing and product mix decisions, and evaluating operation performance.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 2102.

ACCT 3111 - Advanced Cost Accounting (3 credits)
This course is a continuation of Cost Accounting. The emphasis is on non-routine decisions, balanced scorecard, customer-profitability analysis, cost allocation, inventory management, and capital budgeting.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 3110.

ACCT 3120 - Principles of Taxation I (3 credits)
This course is a study of the application of tax accounting and ethics as it applies mainly to individuals. It introduces research and analysis as it applies to solving tax problems.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 2102.

ACCT 3125 - Government and Not-for-Profit Account (3 credits)
This course is a study of financial accounting and reporting for state and local governments as well as selective other nonprofit entities. It emphasizes fund accounting for governmental entities.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 3101.

ACCT 3130 - Forensic Accounting and Auditing (3 credits)
Students will learn how and why occupational fraud is committed, how to deter fraudulent conduct, and how to investigate allegations of fraud.
Lecture Hours: 3 hours. Prerequisite: ACCT 2101.

ACCT 4110 - Advanced Accounting (3 credits)
This course is a study of accounting and reporting for selective complex topics with primary emphasis on business combinations, partnerships, and trusts and estates.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 3102.

ACCT 4120 - Principles of Taxation II (3 credits)
This course is a study of the federal taxation of corporations, partnerships, and estates and trusts. It emphasizes the impact of tax law regarding choice of entity decisions. Research is required.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 3120.

ACCT 4135 - Auditing (3 credits)
This course is a study of the authoritative literature, generally accepted auditing standards, providing guidance for the independent audit of financial statements. It emphasizes the risk-based audit process used by the independent auditor to conduct an examination of and render a report on financial statements.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 3102.

ACCT 4140 - Auditing II (3 credits)
This course is a continuation of the study of auditing with emphasis upon advanced auditing topics, including audit sampling, computerized systems, forensic auditing, generalized audit software, and attestation reporting.
Lecture Hours: 3 hours. Prerequisite: At least a C in ACCT 4135.

ACCT 4205 - Accounting Information Systems (3 credits)
This course is a study of the design, documentation, and operation of the accounting information systems that collect, process, and report economic data generated by the major transaction cycles.
Lecture Hours: 3 hours. Prerequisite: At least a C in both ACCT 3101 and ITEC 2201.

ACCT 4305 - Current Issues - Accounting and Auditing (3 credits)
This course is a study of the most recent current events and issues impacting the accounting profession. Topics may include updates on official releases from authoritative bodies such as the FASB, GASB, SEC, AICPA, updates on state and/or federal legislation and regulation, and updates on trends in the profession.
Lecture Hours: 3 hours. Prerequisite: At least a C in both ACCT 3103 and ACCT 4135.

ACCT 4505 - Special Topics (3 credits)
This course is a study of topics not covered in regular course offerings. It emphasizes course design that meets the special needs of students and/or the community. Faculty sponsor and students arrange contact hours.
Lecture Hours: 3 hours. Prerequisite: Approval of School Dean.

ACCT 4605 - Internship/Cooperative Education (1 - 9 credits)
This course is an individually designed and planned learning experience involving field experiences and study in the private or public sector.
Lecture Hours: One to nine hours per week.. Prerequisite: Approval of School Dean and Faculty Sponsor.

ACES - Aircraft Structural Technology

ACES 1000 - Aviation Career Employability Skills I (3 credits)
Provides a study of human relations and professional development in today's rapidly changing world that prepares students for living and working in a complex society. This course also introduces fundamental concepts and operations necessary to use microcomputers. Topics include human relations skills, job acquisition skills, professional image skills, word processing, and resume writing skills.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

ACES 1001 - Aviation Career Employability Skills II (3 credits)
Provides a study of human relations and professional development in today's rapidly changing world that prepares students for living and working in a complex society. Topics include: human relations skills, job acquisition skills, and professional image skills. This course also focuses on the behavioral aspects of people in business and industry. The course emphasizes the development of interpersonal skills and attitudes required to work effectively with others in business and industry environment. Topics include: Identifying employment opportunities, demonstrating appropriate work behavior and communicating on the job. In addition, this course continues to prepare the student with the computer skills needed in today's workplace. These topics include: Introduction to spreadsheets, introduction to databases and introduction to presentation graphics.
Lecture Hours: 2 hours. Lab Hours: 1 hour.

AERO - Aviation Management

AERO 2011 - UAS Regulations (3 credits)
UAS Regulations exposes students to the dynamic regulatory environment surrounding UAS. Students will learn how to navigate FAA regulations as well as federal, state, and local legislation. The course explains the difference between public, commercial, and recreational users and how regulations are applicable to each. Students will develop a CoA (Certificate of Authorization) request to the FAA as well as be instructed on the process involved in registering a UAS and filling for a 333 exemption.
Lecture Hours: 3 hours.

AERO 2021 - UAS Platform and System Development (3 credits)
In UAS Platform and System Development, students explore design concepts used in determining application specific platform and system architecture. Students will learn best practices for designing, maintaining and integrating systems on various platforms. This course also discusses common building, repair and inspection techniques of advanced materials. They will learn the individual components that make up a Ground Station. Students will gain an understanding of how to layout, develop, troubleshoot and maintain various types of Ground Stations. They will discuss theory of user interfaces, power management solutions, as well as mobility and remote location considerations. Additional fees apply.
Lecture Hours: 2 hours. Lab Hours: 3 hours.

AERO 2031 - UAS Flight Operations (3 credits)
Flight operations give students both simulation and hands on flight experience with various UAS's. Students will learn how to develop an operational plan, serve in all roles of the flight team, manage available resources, troubleshoot common problems and effectively communicate within the flight team. Students will discuss the various methods for launch and recovery. This course will also discuss common safety issues that would arise with UAS operations. Additional fees apply.
Lecture Hours: 2 hours. Lab Hours: 3 hours. Prerequisite: AERO 2106.

AERO 2102 - Aviation Meteorology (3 credits)
This course includes basic weather theory, atmospheric science, and aviation weather products and services for the industry.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AERO 2103 - Flight Principles (3 credits)
Designed for non-pilots, this course introduces the forces of flight, aircraft stability and the aerodynamics of maneuvering flight. The course also introduces the national airspace system, weather patterns and hazards, aircraft performance, Federal Aviation Regulations, and aircraft operations within the airport environment.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AERO 2104 - Aviation Safety (3 credits)
This course includes current safety practices, trends in aviation safety, and future safety issues.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AERO 2105 - Aviation Regulations (3 credits)
This course includes an in-depth study of the Federal Aviation Regulations (FARs) including Parts 61, 91, 121, 135, 141, NTSB 830.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AERO 2106 - Private Pilot Ground School (3 credits)
This course is designed to prepare the student for FAA private pilot flight and FAA examinations. Specifically, this course introduces principles of the flight environment, basic aircraft systems, and navigation, flight planning, physiology.
Lecture Hours: 3 hours. Lab Hours: 0 hours. Corequisite: AERO 2102.

AERO 2107 - Aviation Law and Insurance (3 credits)
This course includes discussion of federal, state, and local laws that govern aviation and aviation insurance.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AERO 2108 - Human Factors (3 credits)
This course examines the physiological and psychological challenges aircrews face in flight and the environment in which aircraft operate.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AERO 2201 - Introduction to Unmanned Aerial Systems (3 credits)
This course provides an overview of unmanned aerial systems including technology, applications, regulatory issues, ground and airborne systems.
Lecture Hours: 3 hours. Lab Hours: 0 hours. Prerequisite: Area A Math.

AERO 3001 - UAS Concepts (3 credits)
Unmanned Aerial Systems Concepts will introduce students to the history of unmanned aviation. Students will gain an understanding of the history of UAS, existing UAS infrastructure within the U.S., the various job markets surrounding UAS, the multitude of applications of UAS, current research efforts, and predicting the needs of tomorrow. This course will also introduce students to the more commonly used platforms and autopilot systems of yesterday and today.
Lecture Hours: 3 hours. Corequisite: AERO 3001L.

AERO 3001L - Unmanned Aerial Systems Concepts Lab (2 credits)
Unmanned Aerial Systems Concepts Lab will allow students to apply concepts learned in the classroom to real scenarios. Students will gain an understanding of the history of UAS by applying historical techniques to modern problems, building practical models for the UAS market, as well as developing strategies for current research initiatives. This lab will also allow students to operate the more commonly used platforms and autopilot systems.
Lecture Hours: 0 hours. Lab Hours: 6 hours. Corequisite: AERO 3001.

AERO 3011 - Unmanned Aerial Systems Regulations (3 credits)
UAS Regulations exposes students to the dynamic regulatory environment surrounding UAS. Students will learn how to navigate FAA regulations as well as federal, state, and local legislation. The course explains the difference between public, commercial, and recreational users and how regulations are applicable to each. Students will develop a CoA (Certificate of Authorization) request to the FAA as well as be instructed on the process involved in registering a UAS and filing for a 333 exemption.
Lecture Hours: 3 hours. Corequisite: AERO 3011L.

AERO 3011L - Unmanned Aerial Systems Regulations Lab (2 credits)
UAS Regulations Lab will allow students to apply concepts learned in the classroom to real scenarios. Students will develop Certificates of Authorization, Register live UAS, and develop documents relative to the ever changing UAS regulatory environment.
Lecture Hours: 0 hours. Lab Hours: 6 hours. Corequisite: AERO 3011.

AERO 3100 - Instrument Principles (3 credits)
Designed for non-pilots, this course introduces the technology and procedures that are used by pilots to navigate under instrument flight rules (IFR), with no visual references outside the cockpit. It covers departure, en route, and departure procedures, instrument approach procedures, air traffic control procedures, helicopter operations, and emergency procedures.
Lecture Hours: 3 hours. Prerequisite: AERO 2103 Flight Principles.

AERO 3113 - Current Security Issues (3 credits)
This course examines the current security issues faced at airports including National and International airports in all classes of airspace.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AERO 3205 - UAV Flight I (4 credits)
This is the introduction to flight training and flight operations of an unmanned aerial vehicle within the context of an integrated UAV. Operations include basic control, takeoff, landing, elementary maneuvers, en-route/pattern navigation, and abnormal operations.
Lecture Hours: 2 hours. Lab Hours: 6 hours.

AERO 3304 - Maximizing performance (1 credit)
Explains the importance of the skills employers most want to see. Teaches skills such as punctuality, time management, social workplace interaction, adaptability, work ethics, attitude management, problem solving, team concept, and the ability to accept criticism.
Lecture Hours: 1 hour.

AERO 4010 - Aviation Internship (3 credits)
This internship provides practical experience in airport management as approved by the department chair. Maximum of 6 hours.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AERO 4021 - Unmanned Aerial System Platform and System Development (3 credits)
In UAS Platform and System Development students explore design concepts used in determining application specific platform and system architecture. Students will learn best practices for designing, maintaining and integrating systems on various platforms. This course also discusses common building, repair and inspection techniques of advanced materials. Students will gain an understanding of how to layout, develop, troubleshoot and maintain various types of Ground Stations. They will discuss theory of user interfaces, power management solutions, as well as mobility and remote location considerations.
Lecture Hours: 3 hours. Corequisite: AERO 4021L.

AERO 4021L - Unmanned Aerial Systems Platform and System Development Lab (2 credits)
Students will apply design concepts used in platform development and system architecture. Students will use common building, repair and inspection techniques of advanced materials. They will assemble and troubleshoot a functional Ground Station. They will troubleshoot various user interfaces.
Lab Hours: 6 hours. Corequisite: AERO 4021.

AERO 4031 - Unmanned Aerial Systems Flight (3 credits)
Flight operations give students both simulation and hand on flight experience with various sUAV's. Students will learn how to develop an operational plan, serve in all roles of the flight team, manage available resources, trouble shoot common problems and effectively communicate within the flight team. Students will discuss the various methods for launch and recovery. This course will also discuss common safety issues that would arise with UAS operations.
Lecture Hours: 3 hours. Corequisite: AERO 4031L.

AERO 4031L - Unmanned Aerial Systems Flight Lab (2 credits)
Flight operations lab give students both simulation and hand on flight experience with various sUAV's. Students develop an operational plan, serve in all roles of the flight team, manage available resources, troubleshoot common problems and effectively communicate within the flight team. Students will exercise various methods for launch and recovery.
Lab Hours: 6 hours. Corequisite: AERO 4031.

AERO 4110 - Aerospace Propulsion Systems (3 credits)
This course is an introduction to aircraft propulsion systems, including their design and development, piston and turbo propulsion combustion technology, engine/airframe performance matching, and the operational considerations of propulsion systems.
Lecture Hours: 3 hours. Prerequisite: Area A Math.

AERO 4204 - Advanced Aviation Safety (3)
This course examines the safety considerations in the design and operation of aircraft and airports, the safety record of the aerospace industry, and the industry's response to public opinion. This course also includes the understanding of the cost of safety.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None. Corequisite: None. Cross-Listed as: None.

AMGT-Aviation-Science-Management

AMGT 2301 - Introduction to Logistics (3 credits)
This course is designed to give an overview of logistics including elements and systems which drive accuracy and decision-making at all levels of management.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: Satisfactory placement test scores of successful completion of ENGL 0099, READ 0099, and MATH 0099 and completion of BUSA 1105 with a grade of C or higher.

AMGT 3101 - Business Research Methodology (3 credits)
This course is a general introduction to research intended to equip first and second year undergraduate students with the skills needed in their studies. Topics covered include the purposes of research, defining research and research problems, defining a hypothesis, problem solving and knowledge discovery, methods of quantitative and qualitative research, conducting literature reviews, designing appropriate methodologies, evaluating outcomes, analysis and communicating the results.
Lecture Hours: 3 hours.

AMGT 3102 - Fundamentals of Aviation Business Ethics in the Aviation Profession (3 credits)
This course will explore ethical matters and concerns in the context of organizational business practices in the aviation profession. Topics include: organizational responsibility to both internal and external stakeholders, legal issues, and environmental sustainability. Critical thinking will be an important component in the examination of the issues presented in class.
Lecture Hours: 3 hours. Prerequisite: Junior standing or permission of instructor.

AMGT 3107 - Fundamentals of Operations Management (3 credits)
This course will examine operations issues affecting the management of organizations in the context of business theory and practice. Topics include the role of operations, production and service in the economy, strategy, design, supply-chain management, planning and optimization tools, and quality.
Lecture Hours: 3 hours. Prerequisite: AMGT 3141 with a grade of C or better.

AMGT 3108 - Application of Systems Theory in Air Transport (3 credits)
A study of air transportation as part of a global, multi-modal transportation system, the course reviews the evolution of the technological, social, environmental, and political aspects of this system since its inception at the beginning of the previous century. The long-term and short-term effects of U.S. economic deregulation, energy shortages, governmental restraints, national and international issues and international terrorism are examined. Passenger and cargo transportation as well as military and private aircraft modes, are studied in relation to ever-changing transportation requirements.
Lecture Hours: 3 hours.

AMGT 3114 - Purchasing and Materials Management (3 credits)
This course examines the processes and challenges involved in acquiring and controlling materials, and the operational areas of purchasing, materials management, inventory management, just-in-time (lean) purchasing, supplier selection and evaluation, total quality management, value analysis, legal issues, bargaining and negotiation, and global sourcing in supporting a professional procurement function.
Lecture Hours: 3 hours.

AMGT 3141 - Fundamentals of Leadership and Decision Making (3 credits)
This course is designed to give the students principals and techniques used for leadership and decision making in organizations. The fundamentals covered include staff and operative management across disciplines, including planning, strategy, leadership, organizational foundations, motivation guidelines, and ethical decision making.
Lecture Hours: 3 hours. Prerequisite: Junior standing or permission of instructor.

AMGT 3200 - Globalization and Human Resource Management (3 credits)
This course focuses on the organization and human resource changes that have taken place in the international aviation industry in recent years. It provides an analysis of airline and aviation organizations, external relations, internal relations. Changes in industrial relations and human resource management. The foundational concept of the course is the Global concept of the integration of human resource management to diverse aviation operations within worldwide culture exchanges.
Lecture Hours: 3 hours.

AMGT 3201 - Fundamentals of Logistics (3 credits)
This course is designed to give an overview of logistics including critical elements and systems to support the planning and operation of the movement of goods and services, as well as storage of inventories between points of origin and points of consumption, driving accuracy and managerial decision making in support of customer requirements.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in BUSA 1105.

AMGT 3203 - Airport Management (3 credits)
This course provides knowledge of airport contracts, security, and environmental regulations related to noise, hazardous material, and other environmental factors.
Lecture Hours: 3 hours.

AMGT 3204 - International Airline Business (3 credits)
This course focuses on the global dimensions of the airline business addressing international civil aviation laws and procedures, national aviation rules and infrastructure, political economy, cultural dimensions, international trade theory, foreign direct investment, and the global monetary system. Emphasis is placed on airlines competing in the global marketplace, international business situations dealing with globalization, trade, and ethical dilemmas. Pertinent case analysis techniques are employed.
Lecture Hours: 3 hours.

AMGT 3205 - Airport Planning, Construction & Environmental Management (3 credits)
Overview of airport planning and design considerations, construction and expansion projects, master planning, and environmental management. Includes activity forecasting, capacity and delay analysis, site selection, airfield and terminal design, environmental impacts and mitigation, and noise abatement. Also includes land-use planning and control, the socio-economic impacts of airports on the communities they serve, public relations, financial planning, and airport privatization. The course will also introduce several geospatial technologies that can be applied effectively to airport management.
Lecture Hours: 3 hours.

AMGT 3209 - Airport Legislative Affairs, Marketing, Communications and Development (3 credits)
This course examines federal, state, and local laws related to airport operation and management; contract law considerations between airports and airlines, vendors, and other operators; local and interstate political economy; promotion of airports as international gateways.
Lecture Hours: 3 hours.

AMGT 3210 - Airline Management (3 credits)
This course introduces principles management of airline, commuter, and freight carriers.
Lecture Hours: 3 hours.

AMGT 3211 - Application of Technology Logistics (3 credits)
This course explores several of the technologies, (including transportation management systems, warehouse management systems, demand forecasting systems, procurement and manufacturing technologies) that are available for improving logistics efficient operations. The focus is on helping the students understand both the capabilities as well as constraints of these technologies in their application and use.
Lecture Hours: 3 hours. Prerequisite: AMGT 2301.

AMGT 3301 - Fixed Base Operations (3 credits)
This course introduces the history of Fixed Base Operations, and presents the regulations, security issues, environment and operational issues related to operating an FBO.
Lecture Hours: 3 hours.

AMGT 3303 - Training an Effective Line Service (3 credits)
This course focuses on the organization, regulations, and training of individuals that provide customer service to aircraft crew, and passengers at an FBO facility. It provides detailed training of aircraft service requirements, fueling procedures, tire and oxygen service, and other services and amenities offered at a typical FBO.
Lecture Hours: 2 hours. Lab Hours: 3 hours. Prerequisite: AMGT 3301.

AMGT 3305 - General Aviation Aircraft Operations (3 credits)
This course introduces the expansive field of general aviation (GA) operations and includes a brief history of GA including an examination of the wide variety of GA occupations and operations such as personal use, corporate, charter, fractional ownership, manufacturing and testing, banner towing, agricultural, emergency services, and others. GA operations require special services from fixed base operations (FBO) and this course examines the important role of the FBO in GA operations and the services which FBO's provide to GA.
Lecture Hours: 3 hours.

AMGT 3307 - Customer Service for Fixed Base Operations (3 credits)
General Aviation operations require special services from Fixed Base Operators (FBO) in such areas as fueling, parking, unscheduled maintenance, catering, ground transportation, and concierge services. This course details the role of customer service and management in these critical areas of FBO operations, how to improve customer service, ensure safety and increase traffic.
Lecture Hours: 3 hours.

AMGT 4206 - Airport Operations, Security & Maintenance (3 credits)
Discusses Airport/Aviation operations, safety and certifications. Discusses airport and aviation security and its evolution. Develops knowledge of operational activities. Develops understanding of airport maintenance, hazardous materials management, and environmental concerns.
Lecture Hours: 3 hours.

AMGT 4207 - Airline Technical Operations (3 credits)
This course applies management theory to the management of an airline in the context of business theory and practice. Topics include considerations peculiar to airlines in general staff functions, flight operations, technical operations, strategy, managing high technology, and the financial elements of airline management including leasing, cash flow management, and fleet optimization.
Lecture Hours: 3 hours.

AMGT 4210 - Aviation Financial Management (3 credits)
Emphasis is on financial problems facing the Aviation industry. Such problems include funding, working capital management, and capital budgeting. Topics will include financing options including leasing as well as purchase of assets, and revenue management.
Lecture Hours: 3 hours.

AMGT 4215 - Critical Topics in Aviation (3 credits)
Aerospace and aviation is a fast paced industry in a state of constant change. This course presents topics that are current and critical to individuals in the field and present the opportunity for students to demonstrate mastery of these topics. Aircraft technology, accident causes and investigations, new regulations, and emerging airlines are examples of the topics covered in this course.
Lecture Hours: 3 hours. Prerequisite: Senior Status.

AMGT 4301 - Principles of Transportation (3 credits)
This course includes an overview of rail, motor, air, water, and pipeline modes of transportation and the economic principles and governmental regulations associated with each.
Lecture Hours: 3 hours. Prerequisite: AMGT 2301 with a grade of C or better.

AMGT 4302 - Supply Chain Management (3 credits)
This course examines the field of supply chain management which refers to the entire network of companies working together to design, produce, deliver, and service products.
Lecture Hours: 3 hours. Prerequisite: AMGT 2301 with a grade of C or higher.

AMGT 4304 - International Supply Chain Management (3 credits)
This course examines globally the field of supply chain management which refers to the entire international network of companies working together to design, produce, deliver, and service products.
Lecture Hours: 3 hours. Prerequisite: AMGT 2301 with a grade of C or better and AMGT 4302 with a grade of C or better.

AMKT - Aviation Science and Marketing

AMKT 3209 - Airline Marketing (3 credits)
This course provides a foundation in general marketing principles as they relate to the aviation and airline industry: including the frequent flyer program, marketing tools, and unique aspects of the aviation market segmentations.
Lecture Hours: 3 hours.

AMTP - Aviation Maint Technology

AMTP 1000 - Aviation Mathematics (1 credit)
Aviation Mathematics provides students with the knowledge necessary to use and apply mathematical procedures and processes that are applicable to aviation maintenance functions. Topics include: perform algebraic operations; extract roots and raise numbers to a given power; determine area and volume of geometrical shapes; and solve ratio, proportion, and percentage problems.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

AMTP 1010 - Aircraft Maintenance Regulations (2 credits)
This course provides students with the knowledge and skills necessary to select and use FAA and manufacturers' specifications, data sheets, manuals, related regulations, and technical data; to write descriptions of aircraft conditions, record work performed, and complete maintenance forms and inspection reports; and learn to interpret federal regulations regarding mechanic privileges and limitations. Topics include: maintenance publications, maintenance forms and records, and mechanic privileges and limitations.
Lecture Hours: 1 hour. Lab Hours: 2 hours.

AMTP 1020 - Aircraft Applied Sciences (7 credits)
Provides students with the fundamentals of aircraft servicing methods and ground operations. Topics include: aircraft drawings, aircraft weight and balance, fluid lines and fittings, materials and processes, ground operations and servicing, and aircraft cleaning and corrosion control. Additional fees apply.
Lecture Hours: 6 hours. Lab Hours: 6 hours. Prerequisite: None. Corequisite: None.

AMTP 1030 - Aircraft Electricity and Electronics (3 credits)
Basic electricity and electronics provides a study of the relationships of voltage, current, and resistance in aircraft electrical systems, and the use of meters. Alternators; generators; starters; motors; charging systems; basic AC and DC systems; and semiconductor, solid state, and integrated circuit fundamentals are introduced. Topics include: basic electricity; determine the relationship of voltage, current and resistance in electrical circuits; read and interpret electrical circuit diagrams; measure voltage, current, resistance, and continuity; calculate and measure electrical power; calculate and measure capacitance and inductance; inspect and service batteries; and solid state devices applications.

Lecture Hours: 3 hours. Lab Hours: 3 hours. Prerequisite: AMTP 1000. Corequisite: None.

AMTP 1210 - Aviation Physics (1 credit)
Provides students with an introduction to the theory and application of physics to aerospace vehicles and their subsystems. Topics include: temperature and heat; pressure, temperature, and volume of air mass; basic aerodynamics and theory of flight; physical factors affecting engine output; relationship of pressure, area, and force; origin of sound; principles of simple machines; and centrifugal and centripetal force.
Lecture Hours: 4 hours. Lab Hours: 0 hours.

AMTP 2010 - Aircraft Airframe Structures (2 credits)
This course presents a survey of aircraft airframe structures used in aircraft. Topics include: wood structures, aircraft covering, and aircraft finishes. This course also provides a study of airframe non-metallic structures and allied maintenance procedures. Topics include: welding principles; soldering, brazing, gas-welding, and arc-welding steel; welding aluminum and stainless steel; fabricating tubular structures; soldering stainless steel; and welding titanium and magnesium. Additional fees apply.
Lecture Hours: 2 hours. Lab Hours: 2 hours.

AMTP 2020 - Airframe Sheet Metal & Non-Metallic Structures (5 credits)
Provides a study of metal and non-metallic tube and riveted sheet monocoque or semi-monocoque. Topics include: sheet metal structures introduction; install conventional rivets; install special rivets and fasteners; sheet metal form, lay out, and bend; inspect and repair sheet metal structures; identify non-metallic structures; inspect bonded structures; fiberglass structures; plastic structures; composite and honeycomb structures; inspect, check, service, and repair windows, doors, and interior furnishings; and laminated structures. Additional fees apply.
Lecture Hours: 5 hours. Lab Hours: 6 hours. Prerequisite: Prerequisite: All AMTP 1000 level courses.

AMTP 2040 - Airframe Assembly & Rigging (2 credits)
This course provides a study of aircraft assembly and rigging configurations. Topics include: use assembly and rigging hand tools and equipment; rig fixed wing aircraft; rig rotary wing aircraft; check alignment of structures; assemble aircraft components, including flight control surfaces; balance, rig, and inspect movable primary and secondary control surfaces; and jack aircraft. Additional fees apply.
Lecture Hours: 1 hour. Lab Hours: 2 hours. Prerequisite: All AMTP 1000 level courses.. Corequisite: None.

AMTP 2050 - Airframe Inspection (3 credits)
This course provides for performing airframe inspections with emphasis on developing the skills related to conformity and airworthiness evaluations. Topics include: perform airframe conformity inspection, and perform airframe airworthiness inspection.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: All AMTP 1000 level courses.. Corequisite: None.

AMTP 2060 - Aircraft Hydraulic, Pneumatic & Landing Gear Systems (3 credits)
This course provides a study of the principles of generation, distribution, and management of hydraulic and pneumatic power throughout the aircraft. Topics include: identify hydraulic fluids; repair hydraulic and pneumatic power system components; inspect, check, service, troubleshoot, and repair hydraulic and pneumatic power systems; hydraulic and pneumatic position and warning systems; and inspect, check, troubleshoot, service, and repair aircraft position and warning systems. This course also provides a study of aircraft landing gear systems with emphasis on inspection and maintenance procedures of hydraulic and pneumatic power throughout the aircraft structure. Topics include: inspect, check, service, and repair landing gear retraction systems and shock struts; inspect, check, service, and repair brakes, wheels, and tires; and inspect, check, service, and repair steering systems. Additional fees apply.
Lecture Hours: 3 hours. Lab Hours: 5 hours. Prerequisite: All AMTP 1000 level courses..

AMTP 2080 - Aircraft Environmental Control System (5 credits)
This course provides a study of aircraft environmental control systems. Topics include: inspect, check, troubleshoot, service, and repair cabin atmosphere control systems; inspect, check, troubleshoot, service, and repair ice and rain control systems; inspect, check, troubleshoot, service, and repair fire protection systems; inspect, check, troubleshoot, service, and repair aircraft fuel systems; and inspect, check, troubleshoot, service, and repair aircraft instrument systems. Additional fees apply.
Lecture Hours: 5 hours. Lab Hours: 4 hours. Prerequisite: All AMTP 1000 level courses..

AMTP 2090 - Aircraft Electrical, Communication, and Navigation Systems (5 credits)
This course provides a study of aircraft electrical, communication, and navigation systems. Topics include: install, check, and service airframe electrical wiring, controls, switches, indicators, and protective devices; inspect, check, troubleshoot, service, and repair alternating and direct current electrical systems; repair and inspect aircraft electrical system components, crimp and splice wiring to manufacturer's specifications, and repair pins and sockets of aircraft connectors; inspect, check, and troubleshoot autopilot servos and approach coupling systems; inspect, check, and service aircraft electronic communication and navigation systems including VHF passenger address interphones and static discharge devices, aircraft VOR, ILS LORAN, radar beacon transponders, flight management computers, and GPWS; inspect and repair antenna and electronic equipment installations; and inspect, check, and troubleshoot constant speed and integrated speed drive generators. Additional fees apply.
Lecture Hours: 4 hours. Lab Hours: 5 hours. Prerequisite: All AMTP 1000 level courses..

AMTP 2210 - Reciprocating Engine Powerplants (6 credits)
This course provides a study of piston engine theory and maintenance including air and water-cooled aircraft engines. Topics include: aircraft reciprocating engine theory, and inspect and repair radial engines. This course continues a study of piston engine theory and maintenance including air and water-cooled aircraft engines. Topics include: overhaul a reciprocating engine; inspect, check, service, and repair reciprocating engines and engine installations; and install, troubleshoot, and remove reciprocating engines. Additional fees apply.

Lecture Hours: 5 hours. Lab Hours: 7.5 hours. Prerequisite: All AMTP 1000 level courses..

AMTP 2230 - Gas Turbine Powerplants (5 credits)
This course provides a study of the fundamentals and evolution of the jet engine and jet propulsion. Topics include: aircraft gas turbine engine theory, and inspect and troubleshoot unducted fan systems and components. This course continues a study of the fundamentals and evolution of the jet engine and jet propulsion. Topics include: overhaul a turbine engine; install, troubleshoot, and remove turbine engines; and inspect, check, service, and repair turbine engines and turbine engine installations. Additional fees apply.
Lecture Hours: 5 hours. Lab Hours: 4 hours. Prerequisite: All AMTP 1000 level courses..

AMTP 2250 - Aircraft Engine Inspection (1 credit)
This course provides students with the knowledge and skills to perform aircraft engine inspections. Topics include: perform an aircraft powerplant conformity and airworthiness inspection. Additional fees apply.
Lecture Hours: 1 hour. Lab Hours: 0.5 hours. Prerequisite: All AMTP 1000 level courses.. Corequisite: None.

AMTP 2260 - Aircraft Engine Fuel & Fuel Metering System (4 credits)
This course provides a study of aircraft engine fuel and fuel metering systems. Topics include: repair engine fuel system components; inspect, check, service, troubleshoot, and repair engine fuel systems; troubleshoot and adjust turbine engine fuel metering systems and electronic engine fuel controls; inspect, check, service, troubleshoot, and repair reciprocating and turbine engine fuel metering systems; overhaul carburetors; repair engine fuel metering system components; and inspect, check, and service water injection systems. Additional fees apply.
Lecture Hours: 3 hours. Lab Hours: 4 hours. Prerequisite: All AMTP 1000 level courses..

AMTP 2270 - Aircraft Engine Electrical, Ignition, and Starting Systems (5 credits)
This course provides a study of aircraft engine electrical systems. Topics include: troubleshoot, service, and repair electrical and mechanical fluid rate-of-flow indicating systems; inspect, check, service, troubleshoot, and repair electrical and mechanical engine temperature, pressure, and r.p.m. indicating systems; inspect, check, service, troubleshoot, and repair engine fire detection and extinguishing systems; install, check, and service engine electrical wiring, controls, switches, indicators, and protective devices; repair engine electrical system components; overhaul magneto and ignition harness; inspect, service, troubleshoot, and repair reciprocating and turbine engine ignition systems and components; inspect, service, troubleshoot, and repair turbine engine electrical starting systems; and inspect, service, and troubleshoot turbine engine pneumatic starting systems. Additional fees apply.
Lecture Hours: 5 hours. Lab Hours: 4 hours. Prerequisite: All AMTP 1000 level courses..

AMTP 2280 - Aircraft Powerplant Accessory Systems (5 credits)
This course provides a study of aircraft powerplant accessory systems. Topics include: inspect and maintain aircraft engine lubrication systems; propeller theory and fundamentals; inspect and maintain propellers; install, troubleshoot, and remove propellers; inspect and maintain aircraft engine induction systems; inspect and maintain aircraft engine cooling systems; and inspect and maintain aircraft engine exhaust systems. Additional fees apply.
Lecture Hours: 4 hours. Lab Hours: 5 hours. Prerequisite: All AMTP 1000 level courses.. Corequisite: None.

AMTP 2300 - Advanced Airframe and Powerplant Systems (5 credits)
Course entrance requirements: Must have a FAA Form 8610-2 signed off by the FAA for both Airframe and Powerplant ratings or have completed a Part 147 program and received a Certificate of Completion for Airframe and Powerplant , or have a minimum 30 months experience under the supervision of an AP. This course is an advanced study of FAA General, Airframe and Powerplant systems. This course consists of lecture and supervised labs. Upon completion of this course the student will be prepared to take all of the FAA exams for the Airframe and Powerplant rating. This course is not transferable to Bachelors of Arts or Sciences programs.
Lecture Hours: 5 hours.

AMTP 301 - Advanced Airframe Systems (4 credits)
An advanced study of FAA General and Airframe systems. This course consists of lecture and supervised labs. Upon completion of this course the student will be prepared to take all of the FAA exams for the Airframe rating. Co/Prerequisites: Must have a FAA Form 8610-2 signed off by the FAA for the Airframe rating or have completed a Part 147 program and received a Certificate of Completion for Airframe.
Lab Hours: 4 hours.

AMTP 302 - Advanced Powerplant Systems (4 credits)
An advanced study of FAA General and Powerplant systems. This course consists of lecture and supervised labs. Upon completion of this course the student will be prepared to take all of the FAA exams for the Powerplant rating. Co/Prerequisites: Must have a FAA Form 8610-2 signed off by the FAA for the Powerplant rating or have completed a Part 147 program and received a Certificate of Completion for Powerplant.
Lab Hours: 4 hours.

ANTH - Anthropology

ANTH 1102 - Introduction to Anthropology (3 credits)
This is a survey of general anthropology, the comparative study of humankind as a whole, including its major subdisciplines: cultural anthropology, archeology, linguistics, and physical anthropology. Through ethnographic descriptions, comparisons across time, and cross-cultural analysis, emphasis is placed on the great variety of cultural adaptations which various peoples have developed to survive and to meet human needs.

Lecture Hours: 3 hours.

ARTS - Art

ARTS 1010 - Drawing I (3 credits)
This course is an introduction to the technique, materials, and principles of drawing. Emphasis will be placed upon the development of skill through the understanding and application of the elements of art using a variety of drawing media.
Lecture Hours: 2 hours. Lab Hours: 4 hours.

ARTS 1011 - Drawing II (3 credits)
This course covers techniques, materials, and principles of drawing. Emphasis will be placed on the application of drawing media and figure drawing.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: C or better in ARTS 1010 or permission of instructor.

ARTS 1012 - Computer Illustration (3 credits)
This course is an introduction to illustration using digital tools. This course includes the study of illustration as visual interpretation of words, concepts, and ideas. In this course students will explore and develop skill in the tools, techniques, and goals of illustration in the fields of advertising and graphic design while developing critical thinking and problem-solving in visual design. Conceptual interpretation and experimentation will be emphasized, as students develop their own voices as illustrators and designers.
Lecture Hours: 2. Lab Hours: 4.

ARTS 1013 - Perspectives on Art (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to art. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will focus on developing an understanding of art from a variety of aesthetic, philosophical, and ideological perspectives. The course offers an opportunity for students to apply critical thinking skills to art and to gain experience in developing and presenting original arguments in oral forms.
Lecture Hours: 4 hours.

ARTS 1020 - 2D Design & Color Theory (3 credits)
The fundamentals of two-dimensional design and color theory introduced through projects in a variety of media.
Lecture Hours: 2 hours. Lab Hours: 4 hours.

ARTS 1030 - 3D Design (3 credits)
An investigation of three-dimensional forms and spaces using various materials and methods.
Lecture Hours: 2 hours. Lab Hours: 4 hours.

ARTS 1100 - Art Appreciation (3 credits)
The study of visual arts through an exposure to the elements and principles of design, artistic media, and historical/contemporary artworks as well as providing students with skills in perception, vocabulary, and concepts for comprehending art.
Lecture Hours: 3 hours.

ARTS 2010 - Art History I: Prehistoric to Gothic (3 credits)
This is a survey course covering the development and history of visual art from the Paleolithic period to the Gothic period. In addition to discussing key historical works, this course will explore the origins of art and its use as a religious, political, and social tool.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

ARTS 2011 - Art History II: Renaissance to Present (3 credits)
This is a survey course covering the development and history of visual art from the Renaissance to present day. In addition to discussing key historical works, this course will explore the impact of society and religion on art, movements in art, and art in the 21st century.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

ARTS 2015 - Photography (3 credits)
Hands-on introduction to photography as well as understanding photography as an art medium to include gaining expertise with the camera and darkroom equipment.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: None.

ARTS 2016 - Introduction to Computer Arts (3 credits)
Development of basic skills in digital imaging and computer art. Emphasis is placed on conceptual problem solving through conventional and experimental methods. Students will learn the basic elements of bitmap and vector computer graphics. Art, imaging and design are addressed as a process, a sequence of steps taken toward the final production of a work of art or design, requiring creative problem-solving methods and critical thinking.
Lecture Hours: 2 hours. Lab Hours: 4 hours.

ARTS 2036 - Typography l (3 credits)
This course is an exploration of typographic history, structures, terminology and methods as a tool for visual problem solving. An introduction to the elements of basic typography, including the history of letterforms, recognition and specification of existing typefaces, typographical style, and letterform design. Through lecture, studio time, discussion and critique, students will develop a series of typographical solutions from rough schematic to final presentation.
Lecture Hours: 2 hours. Lab Hours: 4 hours.

ARTS 2651 - Digital Photography (3 credits)
This is an introductory studio course on foundational approaches to photography as applied through a digital medium. Emphasis will be placed upon understanding the photographic image as art, the development of photographs through digital processes for the purposes of presentation, and critical analysis of photographic imagery.
Lecture Hours: 2 hours. Lab Hours: 4 hours.

ARTS 3013 - Sculpture I (3 credits)
Introduction to methods and processes of sculpture including modeling, casting, carving and construction/assemblage. Finished sculptures will consider the elements of art and principles of design.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: None.

ARTS 3014 - Ceramics I (3 credits)
Introduction to the methods and processes of constructing, forming, glazing and firing functional clay pottery in an expressive and meaningful way. Methods of constructing and forming pottery will include pinch, coil, slab building, and throwing on the pottery wheel.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: None.

ARTS 3017 - Graphic Design l (3 credits)
This course is an introduction to and exploration of graphic design. Emphasis is placed on conceptual problem solving through conventional and experimental methods. Working through a variety of visual problems, students will learn the basic elements and principles of design and its application in bitmap and vector computer graphics.

Lecture Hours: 1. Lab Hours: 2. Prerequisite: ARTS 2016.

ARTS 3018 - Graphic Design ll (3 credits)
This course *c*ontinues the development of visual communication begun in ARTS 3017. Emphasis is placed on conceptual problem solving and creativity through conventional and experimental methods, hand rendered and on the computer. Graphic design methodology, history, technology and theory are addressed.

Lecture Hours: 2. Lab Hours: 4. Prerequisite: ARTS 3017 Graphic Design l.

ARTS 3020 - Figure Drawing (3 credits)
Thorough study of the human figure using the techniques, materials, and principles of drawing. Emphasis will be placed on the application of drawing media and drawing the figure using models.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: C or better in ARTS 1010.

ARTS 3037 - Typography II (3 credits)
This course is an advanced exploration of typographic structures, terminology and methods as a tool for visual problem solving. This course is a continuation in the study of typography, including the history of letterforms, recognition and specification of existing typefaces, typographical style, and letterform design. Students will study the interpretation of visible language systems and explore typographic expression. Through lecture, studio time, discussion and critique, students will develop a series of typographical solutions from rough layout to final presentation. Conceptual interpretation and experimentation will be emphasized, as students develop their own voices as typographers and designers.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: ARTS 2036 Typography l.

ARTS 3200 - History of Graphic Design (3 credits)
The History of Graphic Design is historical survey of visual communication from the earliest cave painting to the present, with emphasis on the development of graphic design and the relationship of commerce and technology to the history of graphic design. Course format will include lectures, field trips, discussion, activities, visual presentations, and course readings. Writing is an integral component of this course.
Lecture Hours: 3. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H.

ARTS 3205 - Color & Design Theory (3)
Advanced study, theory, and practice of color in art and design. Students research, study, and mix colors in a variety of projects, ranging from in-class experimentation to live color demonstrations. Assignments are aimed at enabling the artist to see, control, predict, and master color effect.
Lecture Hours: 1. Lab Hours: 2. Prerequisite: A "C" or better in ARTS 1020 and ARTS 1030.

ARTS 3237 - Packaging Design (3 credits)
This course is focused on three-dimensional packaging design. The course will cover the application of color, image, and type to the three-dimensional surface. Through the process of designing and building various structures, the student will develop skills and expand their knowledge of materials and how to use them. The course also explores the conceptual application of packaging, package as object, container, storage, and protection, as well as the professional aspects of the packaging design process, problem solving for clients, marketing, printing and manufacturing.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: ARTS 3018 Graphic Design ll.

ARTS 3245 - Motion Graphics (3 credits)
Motion Graphics is an introduction to time-based media. Students are introduced to the theories, techniques, and practices of motion graphics and the integration of design, music, images and text. Including storyboarding, animatics, sound development, and rendering. Projects will cover basic motion theory, typography, color, and basic elements of design.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: ARTS 3018 Graphic Design ll.

ARTS 3250 - Advanced Drawing (3)
Students will explore conceptual concerns dealing with making representational and non-representational images. Emphasis will be on individual exploration at an advanced level stressing individual projects and experimental approaches.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: At least a C in ARTS 1010 Drawing I.

ARTS 3321 - Painting I (3 credits)
Introduction to the traditional materials, techniques, and practices of studio painting. Focus will be placed on furthering visual compositional skills and color development.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: C or better in ARTS 1020.

ARTS 3346 - Aqueous Media (3)
Explore the use of various water-based media and their potential for developing personal imagery and content. Including watercolor, acrylic, casein, gouache, and inks.

Lecture Hours: 2. Lab Hours: 4. Prerequisite: At least a C in ARTS 1010.

ARTS 3431 - Printmaking I (3 credits)
This course is an introduction to matrix production. This course will cover relief, intaglio, planographic, and serigraphy printmaking methods. Emphasis will be placed on traditional and non-toxic methods of printmaking and professional craftsmanship.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: C or better in ARTS 1020 or permission of instructor.

ARTS 3445 - Painting Studio Concepts (3)
This course is designed to facilitate painting students through the creative process, emphasizing the content of the imagery and working on painting skills as necessary. Students will explore conceptual concerns, and image content in their painting and will be expected to define a personal point of view that is the result of problem solving and a reinforcement of the basic concepts mastered in this course and previous painting courses.

Lecture Hours: 2. Lab Hours: 4. Prerequisite: At least a C in ARTS 3321 Painting I.

ARTS 3455 - UX/UI Design (3)
Students will explore User Interface, and User Experience and as they apply to interactive graphic design. Including, UI brand expression, visual communication, accessibility, graphic design, color, layout, and typography and UX interaction design information architecture and wireframing.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: ARTS 3018.

ARTS 3460 - Interactive Design (3)
Interactive Design explores the world of interactivity both inside and outside the realm of the Web. Emphasis is placed on user experience, information hierarchy, communication, and interactivity as a form of modern communication. Composition, layout, color, typography and hierarchy will be addressed as they apply to interactive design. Students will be introduced to current technology used in creating interactive media.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: ARTS 2016 Introduction to Computer Arts.

ARTS 3465 - Illustration (3)
Students will experiment with a variety of analog and digital media while solving illustrative problems. This course focuses on illustration as a means of graphic communication. Emphasis is placed on the development of a personal visual vocabulary, conceptual skills, and the development of technical abilities in traditional and digital media.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: At least a C in ARTS 1010 Drawing 1.

ARTS 3998 - Selected Topics in Drawing and Painting (3)
Special topics for Bachelors in Applied Art & Design, painting concentration. May be repeated for a maximum of twelve credit hours.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: At least a C in ARTS 3321 Painting 1.

ARTS 3999 - Special Topics in Art History (3)
This course will cover select topics in Art History.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: A "C" or better in ARTS 2010 and ARTS 2011..

ARTS 4038 - Web Design for Artists (3 credits)
This course seeks to refine each student's knowledge and skills around media-based design. Through a series of lectures, demonstrations, visual/conceptual problem-solving projects, and critiques, students will learn the principles and techniques involved in planning, designing, maintaining and creating web sites using visual HTML editing software.

Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: C or better in ARTS 3017.

ARTS 4040 - Advanced Graphic Design (3 credits)
Advanced Design offers the student the opportunity to explore and resolve complex issues utilizing traditional and new media. Emphasis is placed on conceptual problem solving through both conventional and experimental methods. Design is addressed as a process, a sequence of steps taken toward the final production of a design, requiring creative problem solving and methods. Students will be encouraged to develop a personal vision applying appropriate tools and techniques towards successful completion of various projects including but not limited to Branding, Identity and Editorial design.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: ARTS 3018 Graphic Design ll.

ARTS 4099 - Thematic Inquiry in Contemporary Art & Design (3)
Advanced research and studio production on a topical theme in contemporary art or design. Students will develop thematic studio work utilizing the media of their choice. Readings, lectures, and field research will guide the decision-making process. Emphasis in this course will be on portfolio and exhibition development through proposed project design, research, and implementation
Lecture Hours: 2. Lab Hours: 4. Prerequisite: Senior Status.

ARTS 4900 - Senior Portfolio & Exhibition (3 credits)
This graduating senior capstone course focuses on expression of assimilated information from all of the preceding course work. Resume and professional portfolios developed herein will deal with independently selected topics of studio practice. The course will not only deal with professional studio craftsmanship and exhibition practices, it will culminate with the exhibition of participants' vetted and developed work. The exhibition will demonstrate work that represents an individual style and a high level of conceptual abilities and professionalism. The final professional portfolio will catalogue the students' work and develop it for application in further programs of study.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: Permission of the advisor and instructor.

ASPC - Aerospace

ASPC 3001 - Introduction to Space Flight (3 credits)
This course evaluates the major aspects of space flight. The course covers space flight from early rocketry through the development of satellite navigation, meteorology, and telecommunications, up to human space flight. Course topics also include: rocket propulsion, basic orbital mechanics, the space environment, living and working in space, and an overview of world space programs.
Lecture Hours: 3 hours. Prerequisite: MATH 1101 or higher.

ASPC 3100 - Remote Sensing of Earth (3 credits)
Earth orbiting remote sensing satellites play a key role in the lives of human beings. This course is a study of the major components of contemporary remote sensing satellites, the various methods of remote sensing capability, and the advantages and disadvantages of each method. Course topics also include study of remote sensing orbits, launch vehicles, low atmosphere aircraft and technology.
Lecture Hours: 3 hours. Prerequisite: MATH 1101 or higher, and ASPC 3001 or ENGR 1001.

ASPC 3105 - Spacecraft Operations and Systems (3 credits)
Orbital satellites and spacecraft are discussed according to their application, design and environment. The power system, shielding and communication systems are reviewed along with their missions, space environment and limitations. This course elaborates on Space Station flight operations, its supporting elements and planned systems and applies the concepts to new space flight vehicle design. Students will study commercial applications, logistical support, maintenance and servicing design concepts.
Lecture Hours: 3 hours. Prerequisite: MATH 1101 or higher and ASPC 3001 or ENGR 1001.

ASPC 3110 - Space Physiology (3 credits)
This course evaluates the physical and psychological effects of spaceflight on humans, countermeasures for both short- and long-duration spaceflight, and discussions of human factors in spacecraft engineering.
Lecture Hours: 3 hours. Prerequisite: ASPC 3001 Introduction to Space Flight or AERO 2108 Human Factors.

ASPC 4100 - Orbital Mechanics (3 credits)
What is an orbit? How do space craft fly to the moon or Mars? What keeps all the earth orbiting satellites from crashing into each other? How does a space craft change orbit? These are the kinds of questions that are explored in Orbital Mechanics. Knowledge of orbital mechanics is essential in any study of space flight. Kepler, Newton, modern telecommunication satellites, space navigation, and remote sensing space craft are also examined in this course.
Lecture Hours: 3 hours. Prerequisite: ASPC 3001 Introduction to Space Flight, MATH 1112 Plane Trigonometry.

ASPC 4105 - Space Communication (3 credits)
This course is a study of the principles, architectures, technologies, management, economies, advantages, and disadvantages of satellite communications. Spacecraft launch vehicles, orbits, communications modulations, radio wave propagation, payload designs/types, and spacecraft bus and antenna types are all addressed. Students will learn to devise/formulate actual satellite communications link budgets and evaluate the impact of each variable used within the equation.
Lecture Hours: 3 hours. Prerequisite: ASPC 3001 Introduction to Space Flight.

ASPC 4115 - Space Transportation Systems (3 credits)
This course evaluates Space Transportation Systems (STS) including manned space flight operations supporting systems and the Space Shuttle missions. A review of Space Shuttle flight profiles guidance and navigation control, proximity operations and rendezvous, hypersonic orbiter aerodynamics and developing commercial space transportation space craft and the design of a Mars mission spacecraft.
Lecture Hours: 3 hours. Prerequisite: ASPC 3001 Introduction to Space Flight.

ASTP - Aircraft Structural Technology

ASTP 1000 - Applied Technical Math (3 credits)
Emphasis is placed on the development of applied mathematical skills used in occupational and technical problems. Topics include: number properties, fractions, decimals, percents, ratio and proportion, measurement and conversion, exponents and radicals, basic and applied algebra, geometric and technical formulas, and advanced applied math.
Lecture Hours: 2.5 hours. Lab Hours: 0 hours.

ASTP 1010 - Basic Blueprint Reading (3 credits)
Introduces basic blueprint reading. Emphasis will be placed on reading and interpreting blueprints found in a manufacturing environment. Topics include: lines and symbols, views, material, title blocks, sketching, features, and sections. A grade of C or better is required for graduation.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

ASTP 1020 - Aircraft Blueprint Reading (3 credits)
Introduces aerospace specific blueprint information which builds on a basic knowledge of blueprint terminology and symbols. Topics include: call outs, assemblies, zone references, document control numbers, release columns, general notes, detail drawings, introduction to instructional repair manuals, introduction to technical orders, introduction to aircraft transport association (ATA) codes, installation drawings, methods drawings, undimensioned drawings, and revisions. A grade of C or better is required for graduation.
Lecture Hours: 3 hours. Lab Hours: 0 hours. Prerequisite: ASTP 1010.

ASTP 1037 - Aircraft Aerodynamics & Structural Fundamentals (6 credits)
Introduces the fundamental concepts required in aerospace structural manufacturing and repair. Emphasis is placed on safety, quality, and precision. Topics include: safety, flat pattern layout, quality standards, fasteners, hand tools, and precision measuring instruments. This course also presents the theory of flight and aircraft design as it applies to the manufacturing and repair process. Topics include: terminology, theory of flight, structural design, control surfaces, and stress and fatigue. A grade of C or better is required for graduation.
Lecture Hours: 2 hours. Lab Hours: 4 hours.

ASTP 1090 - Composites and Bonded Structures (6 credits)
Emphasizes the development of knowledge and skills necessary to fabricate and repair bonded and composite aircraft parts. Topics include: safety, terminology, classifications and characteristics, inspection techniques, and application. A grade of C or better is required for graduation.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: ASTP 1020 and ASTP 1104.

ASTP 1104 - Structural Layout Fabrication and Sealants (6 credits)
This course continues the development of knowledge and skills required to perform basic aerospace layout and fabrication and emphasize the safe use of stationary equipment. Topics include: machine safety, stationary equipment, bend allowance, fasteners layout, parts fabrication, special fasteners, and geometric functions. This course also provides instruction in the surface preparation, application, and safe handling of sealants used in the aerospace structures repair and manufacturing industry. Topics include: safety; surface preparation; sealants application; sealants shelf life; sealants cure times; and sealants removal. A grade of C or better is required for graduation.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: ASTP 1037.

ASTP 1112 - Aircraft Metallurgy and Corrosion Control (6 credits)
Emphasizes the development of knowledge and skills necessary to assess damage due to corrosion and take corrective action. Topics include: safety, corrosion theory, corrosion types, corrosion removal, repair, and treatment, and corrosion prevention. This course also introduces the types of metals used in aircraft construction and provides a study of their properties and working characteristics. Topics include: safety, types of metals, properties of metals, methods of identification, heat treatment, temper designations, working characteristics and non-destructive inspection. A grade of C or better is required for graduation.
Lecture Hours: 2 hours. Lab Hours: 4 hours. Prerequisite: ASTP 1104.

ASTP 1158 - Technical Publications and Aerospace Quality Control (3 credits)
Continues the study of aircraft technical publications found in the manufacturing and repair process. Research skills necessary to locate information in technical publications will be emphasized. Topics include: document control numbers; technical publications; instructional repair manuals; aircraft transport association (ATA) codes; technical orders; tech order system, general; tech order, aircraft specific; and industrial specific manuals. This course also introduces the student to the concept of Total Quality Management (TQM) systems used in the Aircraft workplace. Topics include: principles of quality control, TQM team building, project requirements, project implementation, concepts of statistical process control, SPC applications, non-destructive inspection, material identification, introduction to Metallurgy, and total quality management team building. A grade of C or better is required for graduation
Lecture Hours: 2.5 hours. Lab Hours: 0 hours.

ASTR - Astronomy

ASTR 1010K - Astronomy of the Solar System (4 credits)
This course will cover astronomy from early ideas of the cosmos to modern observational techniques. The solar system planets, satellites, and minor bodies, plus the origin and evolution of the solar system also will be covered. Knowledge of algebra will be required.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in MATH 1001 or MATH 1111. Corequisite: ASTR 1010L.

ASTR 1010L - Astronomy of the Solar Systems LAB (0 credits)
Lab Hours: 2 hours. Corequisite: ASTR 1010K.

ASTR 1020K - Stellar and Galactic Astronomy (4 credits)
This course will cover the study of the sun and stars, their physical properties and evolution, interstellar matter, star clusters, our galaxy and other galaxies, and the origin and evolution of the Universe.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in MATH 1001 or MATH 1111. Corequisite: ASTR 1020L.

ASTR 1020L - Stellar and Galactic Astronomy LAB (0 credits)
Lab Hours: 2 hours. Corequisite: ASTR 1020K.

ATCM - Air Traffic Management

ATCM 1200 - Introduction to Air Traffic Control (3 credits)
The student will experience entry-level Air Traffic Control coursework leading into a degree sequence that covers aspects of the terminal and en route options within the ATC profession. This course provides students with a fundamental knowledge of the U.S. air traffic control system and develops content knowledge in the following areas: (a) the Federal Aviation Administration, its mission, organization, and operation; (b) the air traffic control career; (c) navigational aids, current and future; (d) airspace; (e) communications; (f) federal aviation regulations; (g) ATC procedures; (h) rudimentary control tower operations; (I) rudimentary non-radar operations; (j) rudimentary radar operations; and (k) future air traffic control systems. The course also provides essential information that is useful for pilots and other aviation professionals. Students must receive a recommendation from the ATC staff in order to be considered for appointment to the FAA under the Collegiate Training Initiative (CTI). The FAA recommendation process is a combination of performance and attitude. The basis of an ATC staff recommendation consists of a minimum GPA of 2.5, and a comprehensive CTI exam which has a minimum passing score directly related to of 80%. Students also will be judged on their professionalism and class attendance. Students may receive passing grades in all their courses while not receiving a recommendation from the ATC staff.
Lecture Hours: 3 hours.

ATCM 1210 - Air Traffic Management II` (3 credits)
This course focuses on FAA documents and publications that are used by Air Traffic controllers. Included in the course work we will cover Notices to Airmen (NOTAMs), Applicable FAA Orders, Letters of Agreement (LOAs) and Standard Operating Procedures (SOPs), Applicable Federal Aviation Regulations (FARs), VFR and IFR charts and Publications.
Lecture Hours: 3 hours. Prerequisite: ATCM 1200.

ATCM 1300 - Fundamentals of Air Traffic Control (3 credits)
The non-ATC student will experience entry-level Air Traffic Control coursework that covers aspects of the terminal and en route options within the ATC profession. This course provides students with a fundamental knowledge of the U.S. air traffic control system and develops content knowledge in the following areas: (a) the Federal Aviation Administration, its mission, organization and operation; (b) the air traffic control career; (c) navigational aids current and future; (d) airspace; (e) communications; (g) ATC procedures; (h) rudimentary control tower operations; (l) rudimentary non-radar operations; and (j) rudimentary radar operations.
Lecture Hours: 3 hours.

ATCM 2200 - Air Traffic Management III (3 credits)
This course covers the basics of the pilot's environment from the perspective of air traffic controller. It covers principles of flight, wake turbulence, aircraft characteristics and recognition, and navigation.
Lecture Hours: 3 hours. Prerequisite: ATCM 1200.

ATCM 2201 - Air Traffic Control Tower Operations Ground School and Lab (4 credits)
This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Tower (ATCT) facilities in the National Airspace System (NAS). Fundamental procedure requirements of an air traffic control specialist are applied and practiced in a realistic, performance based laboratory environment. Students will demonstrate understanding of airport 249 layout, apply runway separation criteria, and use Federal Aviation Administration (FAA) phraseology.
Lecture Hours: 3 hours. Lab Hours: 3 hours. Prerequisite: ATCM 1200.

ATCM 2202 - Radar Operations Ground School with Lab (4 credits)
This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Radar facilities in the National Airspace System (NAS). Fundamental procedure requirements of an air traffic control radar specialist are applied and practiced in a realistic, performance based laboratory environment. Students will demonstrate their abilities to operate the Display System Replacement (DSR) system an Federal Aviation Administration (FAA) radar phraseology while complying with FAA Collegiate Training Initiative (CTI) standards.
Lecture Hours: 3 hours. Lab Hours: 3 hours. Prerequisite: ATCM 2220.

ATCM 2210 - Air Traffic Management IV (3 credits)
This course covers the basics of meteorology from the perspective of an air traffic controller. It covers fundamentals of weather and aviation weather services, hazardous weather, current weather, pilot reports (PIREPs), and forecasts and advisories. This course will supplement the material the student learns in AERO 2102 Meteorology.
Lecture Hours: 3 hours. Prerequisite: AERO 2102 and ATCM 2200.

ATCM 2220 - Instrument Flight and Non-Radar (3 credits)
This course covers the basics of IFR flight, including the theory and mechanics of non-radar procedures. Included are airspace environment, strip preparation, strip marketing methods and procedures, coordination requirements and phraseology, and separation rules used in the en route and Terminal ATC environment. It provides the knowledge base required by the FAA in those areas and will provide in class opportunities to demonstrate applications of the knowledge acquired.
Lecture Hours: 3 hours. Prerequisite: ATCM 2201.

ATCM 2300 - Introduction to Terminal Radar Operations (4)
This course covers the basic air traffic control (ATC) procedures for instrument flight rules (IFR) in terminal ATC facilities in the National Airspace System (NAS). Knowledge and skill requirements for air traffic control specialists (ATC) in the current ATC system are studied in the classroom and practiced in a realistic, performance-based laboratory environment. Duties and responsibilities of the TRACON air traffic controller are integrated into an understanding of how the total ATC system works. Classroom delivery is augmented by practical laboratory problems using an air traffic control simulation of terminal radar operations
Lecture Hours: 1. Lab Hours: 3. Prerequisite: ATCM 2201.

ATCM 2301 - Advanced Terminal Radar Operations (4)
This Advanced Terminal Radar Operations (TRACON) course integrates the knowledge of air traffic control gained in previous air traffic control courses to control radar traffic in a busy TRACON. We use the AAC (Academy) TRACON airspace. We build on the data from the Introduction to Terminal Radar Operations course. The course combines academic resources (7110.65, AAC SOPs, AAC LOAs) and practical resources (TRACON Simulation) to develop successful learning objectives.
Lecture Hours: 1. Lab Hours: 3. Prerequisite: ATCM 2201.

ATCM 2400 - Enroute Non-Radar Operations (4)
This course covers the basics of Enroute non-radar rules and regulations in accordance with Federal Aviation Administration (FAA) including the theory and mechanics of non-radar procedures. Included are airspace environment, strip preparation, strip marking methods and procedures, coordination requirements and phraseology, and separation rules used in a simulated non-radar Enroute environment. Students will also apply their knowledge in a performance based laboratory environment. They will learn how to operate the Display System Replacement (DSR) system and Federal Aviation Administration FAA) as well as apply Enroute non-radar rules and phraseology while complying with FAA Collegiate Training Initiative (CTI) standards. It provides the knowledge base required by the FAA in those areas and will provide in class opportunities to demonstrate applications of the knowledge acquired.
Lecture Hours: 1. Lab Hours: 3. Prerequisite: ATCM 2160 and ATCM 2165.

ATCM 2401 - Enroute Radar Operations (4)
This course provides students with the basic Air Traffic Control (ATC) procedures for an Air Traffic Control Enroute Radar facilities in the National Airspace System (NAS). Fundamental procedure requirements of an air traffic control Enroute radar specialist are applied and practiced in a realistic, performance-based laboratory environment. Students will demonstrate their abilities to operate the Display System Replacement (DSR) system and Federal Aviation Administration FAA) Enroute radar phraseology while complying with FAA Collegiate Training Initiative (CTI) standards.
Lecture Hours: 1. Lab Hours: 3. Prerequisite: ATCM 2160 and ATCM 2165.

ATCM 2500 - Advanced Control Tower Operator (3)
This course provides students with the advanced Air Traffic Control (ATC) knowledge for Air Traffic Control Tower (ATCT) Ground Control position. Fundamental knowledge requirements of an air traffic control specialist are studied in the classroom. Students will learn about the equipment used in an ATCT, necessary coordination procedures, and Federal Aviation Administration (FAA) phraseology. Fundamental procedure requirements of an air traffic control specialist are applied and practiced in an actual ATCT. Students will first perform air traffic duties to aircraft on the taxiways and parking ramps while using FAA phraseology. After that, students will perform air traffic duties to aircraft on the runway and in the air while using Federal Aviation Administration (FAA) phraseology and complying with FAA Collegiate Training Initiative
Lecture Hours: .5. Lab Hours: 2.5. Prerequisite: ATCM 2400 and ATCM 2401 or permission of the instructor.

ATCM 4203 - Advanced Air Traffic Procedures (3 credits)
This course expands on the knowledge the student has acquired in previous Air Traffic Control (ATC) and aviation related classes. This course covers a wide array of information required for appointment as an air traffic control trainee in the Federal Aviation Administration (FAA). In addition to passing this course, students must receive a recommendation from the ATC staff in order to be considered for appointment to the FAA under the Collegiate Training Initiative (CTI). Students will be required to pass an all inclusive CTI exam to be considered for a recommendation. Students may receive a passing grade for the course while not receiving a recommendation from the ATC staff.
Lecture Hours: 3 hours. Prerequisite: ATCM 1200, ATCM 2201, ATCM 2202.

ATCM 4204 - Advanced Control Tower Operator (CTO) I (4 credits)
This course provides students with the advanced Air Traffic Control (ATC) knowledge for Air Traffic Control Tower (ATCT) Ground Control position. Fundamental knowledge requirements of an air traffic control specialist are studied in the classroom. Students will learn about the equipment used in an ATCT, necessary coordination procedures, and Federal Aviation Administration (FAA) phraseology. Fundamental procedure requirements of an air traffic control specialist are applied and practiced in an actual ATCT. Students will perform air traffic duties to aircraft on the taxiways and parking ramps while using FAA phraseology.
Lecture Hours: 1 hour. Lab Hours: 8 hours. Prerequisite: ATCM 2201 with a C or better.

ATCM 4204L - Advanced Control Tower I Lab (1 credit)
This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Tower (ATCT) Ground Control 250 position. Fundamental procedure requirements of an air traffic control specialist are applied and practiced in an actual ATCT. Students will perform air traffic duties to aircraft on the taxiways and parking ramps while using Federal Aviation Administration (FAA) phraseology and complying with FAA Collegiate Training Initiative (CTI) standards.
Lab Hours: 3 hours. Prerequisite: ATCM 4204. Corequisite: ATCM 4204.

ATCM 4205 - Advanced Control Tower Operator II (4 credits)
This course provides students with the advanced Air Traffic Control (ATC) knowledge for Air Traffic Control Tower (ATCT) Local Control position. Fundamental knowledge requirements of an air traffic control tower specialist are studied in the classroom. Students will learn about the equipment used in an ATCT, necessary coordination procedures, and Federal Aviation Administration (FAA) phraseology while complying with FAA Collegiate Training Initiative (CTI) standards.
Lecture Hours: 1 hour. Lab Hours: 8 hours. Prerequisite: ATCM 4204.

ATCM 4205L - Advanced Control Tower II Lab (1 credit)
This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Tower (ATCT) Local Control position. Fundamental procedure requirements of an air traffic control specialist are applied and practiced in an actual ATCT. Students will perform air traffic duties to aircraft on the runway and in the air while using Federal Aviation Administration (FAA) phraseology and complying with FAA Collegiate Training Initiative (CTI) standards.
Lab Hours: 3 hours. Corequisite: ATCM 4205.

ATCM 4206 - Air Traffic Control Internship (4 credits)
This internship provides practical experience in an FAA air traffic control facility as approved by the Air Traffic Management department chair.
Lab Hours: 4 hours.

AVIA - Aviation Flight

AVIA 1101 - Perspectives on Aviation (4 credits)
How do airplanes and helicopters fly? How does air traffic control know where the planes are? How do unmanned aerial vehicles operate? What does it take to become a pilot? How do aircraft mechanics fix airplanes? How do spacecraft fly to the moon or Mars? What do airport managers do? These are the kinds of questions that are explored in this Perspectives on aviation course. Aerospace activities affect all areas of our lives, from our satellite GPS and mobile phones, to the delivery of our packages and transportation of passengers around the world. Explore the many unique and fascinating areas of the aerospace industry. This is an area B course that develops key competencies in Critical Thinking and Oral Communication through an introduction to perspectives on aviation. The course includes a critical thinking an oral communication (CTOC) component. This course additionally offers an opportunity for students to apply critical thinking skills to management within aviation industry and to gain experience in developing and presenting original arguments in oral forms.
Lecture Hours: 4 hours.

AVIA 3001 - Aviation Maintenance General I (3 credits)
This course introduces general subjects related to aspects of aircraft maintenance. Topics include aviation math, aviation physics, aerodynamics, and basic electricity and electronics.
Lecture Hours: 3 hours.

AVIA 3002 - Aviation Maintenance General II (3 credits)
This course introduces general subjects related to aspects of aircraft maintenance. Topics include: regulations and maintenance publications; mechanic privileges and limitations; maintenance forms and records; and human factors.
Lecture Hours: 3 hours.

AVIA 3003 - Aviation Maintenance General III (3 credits)
This course introduces general subjects related to aspects of aircraft maintenance. Topics include aircraft drawings; fluid lines and fittings; weight and balance; corrosion control; materials and processes; hardware; and ground operations and servicing.
Lecture Hours: 3 hours.

AVIA 3018 - Instrument Pilot Flight (1 credit)
This course contains both dual and solo flight instruction designed to prepare the student for FAA instrument pilot flight and FAA examinations. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: AVIA 3106 Private Pilot Flight and Private Pilot Certificate. Corequisite: AVIA 3107.

AVIA 3019 - Commercial Pilot Single-Engine Ground School (3 credits)
This course is designed to prepare the student for FAA commercial pilot flight and FAA examinations. Specifically, this course introduces procedures, operations, and regulations to fly for compensation or hire.
Lecture Hours: 3 hours. Prerequisite: Instrument Pilot Certificate. Corequisite: AVIA 3020.

AVIA 3020 - Commercial Pilot Flight I (1 credit)
This course contains both dual and solo flight instruction designed to prepare the student for FAA commercial pilot flight and FAA examinations. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: AVIA 3018 Instrument Pilot Flight and Instrument Pilot Certificate. Corequisite: AVIA 3019 Commercial Pilot Single-Engine Ground School.

AVIA 3021 - Commercial Pilot Multi-Engine Ground School (3 credits)
This course is designed to prepare the student for FAA commercial pilot multi-engine flight and FAA examinations. Specifically, this course introduces procedures, operations, and for multi-engine flight.

Lecture Hours: 3 hours. Prerequisite: Instrument Pilot Certificate. Corequisite: AVIA 3022.

AVIA 3022 - Commercial Pilot Flight II (1 credit)
This course contains dual flight instruction designed to prepare the student for FAA commercial multi-engine pilot flight and FAA examinations. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: AVIA 3020 Commercial Pilot Flight I and Commercial Pilot Certificate . Corequisite: AVIA 3021 Commercial Pilot Multi-Engine Ground School.

AVIA 3023 - Flight Instructor I Ground School (3 credits)
This course is designed to prepare the student for FAA certified flight instructor rating and FAA examinations. Specifically, this course introduces theories of learning, fundamentals of instruction, and flight instructor responsibilities.
Lecture Hours: 3 hours. Prerequisite: Commercial Pilot Certificate . Corequisite: AVIA 3024.

AVIA 3024 - Flight Instructor I Flight (1 credit)
This course contains dual flight instruction designed to prepare the student for flight instructing leadership role and FAA examinations. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: AVIA 3020 Commercial Pilot Flight I and Commercial Pilot Certificate . Corequisite: AVIA 3023 Flight Instructor I Ground School.

AVIA 3025 - Flight Instructor II Ground School (3 credits)
This course is designed to prepare the student for FAA certified flight instructor instrument rating and FAA examinations. Specially, this course combines instrument flying skills with teaching skills necessary for the FAA examination.

Lecture Hours: 3 hours. Prerequisite: AVIA 3023 (Flight Instructor I Ground School); AVIA 3024 (Flight Instructor I Flight) . Corequisite: AVIA 3026.

AVIA 3026 - Flight Instructor II Flight (1 credit)
This course contains dual flight designed to prepare the student for FAA certified flight instructor instrument rating and FAA examinations. Specially, this course combines instrument flying skills with teaching skills necessary for the FAA examination. Additional fees apply.

Lab Hours: 1 hour. Prerequisite: AVIA 3023 (Flight Instructor I Ground School); AVIA 3024 (Flight Instructor I Flight). Corequisite: AVIA 3025.

AVIA 3030 - Airplane Specialty Flight: Tail-wheel Operations and Flight (1 credit)
This course is an introduction tail-wheel airplane operation. During this course the student will learn how to practically apply theories learned to safely and properly operate an aircraft equipped with a conventional tail-wheel design. The flight training will involve tricycle to tail-wheel transition, emergency procedures, and applicable related maneuvers.
Lab Hours: 2 hours. Prerequisite: AVIA 3019 Commercial SE GS; AVIA 3020 Commercial SE FLT.

AVIA 3031 - Unusual Attitude and Upset Recovery (2 credits)
This course is comprehensive theoretical and practical training in recovery from unusual attitudes and upsets during flight. Using aerobatic aircraft, students will learn how to practically apply theories learned in prior ground school classes. The training will involve recovery from nose-high and nose-low altitudes, as well as overbanks, inverted flight, and various spins and aggravated stall conditions. Students will learn 5 escape maneuvers and their application to recover from unexpected upsets.
Lecture Hours: 1 hour. Lab Hours: 1 hour. Prerequisite: AVIA 3106.

AVIA 3032 - Basic Aeronautics (1 credit)
This course builds upon the principles of the Upset Recovery course. Using fully aerobatic aircraft, students will learn how to perform basic competition-style aerobatic maneuvers. The training will involve thorough discussion on aerodynamic effects on aircraft in all attitudes and flight conditions, practical application to competitions standards and practice sessions to perfect basic aerobatic maneuvers and mastery of the aircraft.
Lecture Hours: 0. Lab Hours: 1 hour. Prerequisite: AVIA 3031.

AVIA 3081 - Private Pilot Flight Helicopter (1 credit)
This course contains both dual and solo flight instruction designed to prepare the student for FAA private pilot helicopter flight and FAA examinations.
Lab Hours: 1 hour. Prerequisite: AERO 2102 (Aviation Meteorology) and AERO 2106 (Private Pilot Ground School). Corequisite: AERO 2102, AERO 2106.

AVIA 3083 - Instrument Pilot Flight Helicopter I (1 credit)
Begins the study of Instrument Pilot privileges. This course contains dual training flights designed to help prepare the student for the FAA Instrument Practical Test. Emphasis is placed on knowledge and performance skill to help qualify for the FAA Rotorcraft Category Helicopter class rating with Instrument Privileges. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: Private Pilot Certificate . Corequisite: AVIA 3107.

AVIA 3084 - Instrument Pilot Flight Helicopter II (1 credit)
Completes the study of Instrument Pilot privileges. This course contains dual training flights designed to prepare the student for the FAA Instrument Practical Test. Emphasis is placed on knowledge and performance skill to qualify for the FAA Rotorcraft Category Helicopter class rating with Instrument Privileges. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: Private Pilot Certificate and AVIA 3083 . Corequisite: AVIA 3107.

AVIA 3085 - Commercial Pilot Flight Helicopter (1 credit)
This course contains both dual and solo flight instruction designed to prepare the student for FAA commercial pilot helicopter flight and FAA examinations.
Lab Hours: 1 hour. Prerequisite: Instrument Pilot Certificate . Corequisite: AVIA 3019.

AVIA 3087 - Flight Instructor I Flight Helicopter (1 credit)
This course contains duel flight instruction designed to prepare the student for flight instructor leadership role. Emphasis is placed on gaining the necessary instructional knowledge and performance skills to qualify for the FAA Flight Instructor Pilot Certificate with rotorcraft category and helicopter class rating. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: Commercial Pilot Certificate . Corequisite: AVIA 3023.

AVIA 3089 - Flight Instructor II Flight Helicopter (1 credit)
This course contains duel flight instruction designed to prepare the student for Flight Instructor Instrument. Emphasis is placed on gaining the necessary instructional knowledge and performance skills to qualify for the FAA Flight Instructor Instrument Pilot Certificate with rotorcraft category and helicopter class rating. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: AVIA 3023 (Flight Instructor I Ground School); AVIA 3087 (Flight Instructor I Flight Helicopter). Corequisite: AVIA 3085.

AVIA 3106 - Private Pilot Flight (1 credit)
This course contains both dual and solo flight instruction designed to prepare the student for FAA private pilot flight and FAA examinations. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: Sophomore status, permission of Chief Flight Instructor, completion of AERO 2102, AERO 2105, and AERO 2106. Must possess a Class Two Medical Certificate.

AVIA 3107 - Instrument Pilot Ground School (3 credits)
This course is designed to prepare the student for instrument pilot flight including aircraft instrumentation, navigation, arrival and departure procedures, instrument flight planning, and FAA examinations.

Lecture Hours: 3 hours. Prerequisite: Private Pilot Certificate. Corequisite: AVIA 3018 for Flight Management Majors.

AVIA 3150 - Flight Management System Programming & Operation (3)
This course takes an in-depth look into the operation and programming of the Rockwell/Collins Flight Management System (FMS) which is used on 90% of the world's air carrier aircraft.
Lecture Hours: 2. Lab Hours: 1. Prerequisite: Instrument Rating.

AVIA 4001 - Advanced Aerodynamics (3 credits)
This course covers the concepts associated with advanced and high speed aircraft performance and aerodynamics. Boundary layer, mach tuck, compressible flow, swept-wing flight characteristics, supersonic flight, and other advanced topics are presented and applied to current and future aircraft design, handling considerations, and aircraft performance characteristics.
Lecture Hours: 3 hours. Prerequisite: Commercial Pilot Certificate.

AVIA 4002 - Advanced Navigation (3 credits)
Advanced Navigation is an in-depth look into the navigational systems found on turbine powered aircraft such as TCAS, EGPWS, EFIS, FMS, ACARS, auto-flight control, and weather radar. Category I, II, PRM approaches, and the effects and implementation of NextGen are examined as they relate to present and future aircraft operation.
Lecture Hours: 3 hours. Prerequisite: Commercial Pilot Certificate.

AVIA 4004 - Advanced Aircraft Systems (3 credits)
Advanced Aircraft Systems introduces the operational systems found onboard the CRJ, but is also applicable to other modern day turbine powered aircraft. The turbine engine is examined as a means of propulsion and as the driving force of other aircraft systems. Environmental, electrical, pneumatic, hydraulic, fire protection, anti-ice, fuel, and related instrumentation are presented in this course to provide an operational understanding of the individual systems and the interaction of those systems within the entire aircraft.
Lecture Hours: 3 hours. Prerequisite: AVIA 3019 - Commercial Pilot Ground School.

AVIA 4008 - Helicopter Sling Load Flight (1 credit)
This course offers students specialized training that will provide them the skills necessary to conduct helicopter sling load operations. Additional fees may apply.
Lecture Hours: 0 hours. Lab Hours: 1 hour. Prerequisite: Commercial Pilot Certificate (AVIA 3019).

AVIA 4010 - Aviation and Aerospace Internships (3 credits)
This internship provides practical experience in certified flight instruction (CFI), airport management, ATC, or airline management as approved by the department chair. Maximum of 6 hours.
Lab Hours: 12 hours. Prerequisite: Senior Status.

AVIA 4012 - Helicopter Night Vision Goggles Flight (3 credits)
This course offers students specialized training that will provide them the skills necessary to conduct helicopter operations at night utilizing night vision goggles. Additional feels may apply.
Lecture Hours: 3 hours. Lab Hours: 1 hour. Prerequisite: Commercial Pilot Certificate (AVIA 3019).

AVIA 4101 - Aviation Maintenance Airframe I (3 credits)
This course introduces airframe subjects related to aspects of aircraft maintenance, with an emphasis on the different types of aircraft construction and structural repair methods. Topics include: aircraft structures; aircraft fabric covering; aircraft metal structural repair; aircraft welding; aircraft wood; advanced composites; and aircraft painting and finishing.
Lecture Hours: 3 hours. Prerequisite: AVIA 3001, AVIA 3002, and AVIA 3003.

AVIA 4102 - Aviation Maintenance Airframe II (3 credits)
This course introduces airframe subjects related to aspects of aircraft maintenance, with an emphasis on airframe electrical systems and components. Topics include: aircraft electrical systems; aircraft instruments; and communication and navigation systems.
Lecture Hours: 3 hours. Prerequisite: AVIA 3001, AVIA 3002, and AVIA 3003.

AVIA 4103 - Aviation Maintenance Airframe III (3 credits)
This course introduces airframe subjects related to aspects of aircraft maintenance, with an emphasis on systems and components, culminating with the airframe inspection portion of the course. Topics include: hydraulic, pneumatic and landing gear systems; aircraft assembly and rigging; aircraft fuel systems; ice and rain protection; cabin environmental systems; fire protection systems; and airframe inspection.
Lecture Hours: 3 hours. Prerequisite: AVIA 3001, AVIA 3002, and AVIA 3003.

AVIA 4201 - Aviation Maintenance Powerplant I (3 credits)
This course introduces powerplant subjects related to aspects of aircraft maintenance, with an emphasis on aircraft reciprocating engines. Topics include: reciprocating engine theory and construction; engine fuel and fuel metering systems; induction and exhaust systems; engine ignition and electrical systems; engine starting systems; lubrication and cooling systems; engine removal and replacement; engine fire protection systems; and engine operation and maintenance.
Lecture Hours: 3 hours. Prerequisite: AVIA 3001, AVIA 3002, and AVIA 3003.

AVIA 4202 - Aviation Maintenance Powerplant II (3 credits)
This course introduces powerplant subjects related to aspects of aircraft maintenance, with an emphasis on aircraft turbine engines. Topics include: turbine engine theory and construction; engine fuel and fuel metering systems; induction and exhaust systems; engine ignition and electrical systems; engine starting systems; lubrication and cooling systems; engine removal and replacement; engine fire protection systems; and engine operation and maintenance.
Lecture Hours: 3 hours. Prerequisite: AVIA 3001, AVIA 3002, and AVIA 3003. Cross-Listed as: .

AVIA 4203 - Aviation Maintenance Powerplant III (3 credits)
This course introduces powerplant subjects related to aspects of aircraft maintenance, with an emphasis on aircraft propellers and engine inspections. Topics include: propeller theory, construction, maintenance and operation for both reciprocating and turbine applications; reciprocating engine, and turbine engine inspection, with an emphasis on Federal Aviation Regulations.
Lecture Hours: 3 hours. Prerequisite: AVIA 3001, AVIA 3002, and AVIA 3003.

AVIA 4350 - Aircraft Performance and Design (3)
This course creates the intellectual framework to enable participants to apply design principles designers use to achieve performance standards. Aerodynamics and propulsion, static and accelerated aircraft equations, and equations of motion are used to create an aircraft design similar to the “Flight of the Phoenix”, a story in which crash survivors were able to design and build an Aircraft from the wreckage. This is a practical course that does NOT require calculus.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: AVIA 4001 ADVANCED AERODYNAMICS.

AVIA 4500 - Airline Transition and Crew Resource Management (3 credits)
This course introduces the operation of turbine transport aircraft, including turbine engine operation, high altitude and high airspeed aerodynamics, flight, weather, airline operations, crew concepts and crew resource management.
Lecture Hours: 3 hours. Prerequisite: Commercial Pilot Certificate . Corequisite: AVIA 2002 Advanced Navigation and AVIA 4004 Advanced Systems.

AVIA 4500L - Regional Jet Simulator (1 credit)
This course introduces the operational systems found on-board the CRJ turbine transport aircraft, turbine engine operation, high altitude and high airspeed aerodynamics, high altitude weather, crew concept and management, systems, navigation, airline operations, emergencies, LOFT and other areas of jet operation. This is the Lab component to the Regional Jet Operations (AVIA 4500). Students will be in the flight simulator during this lab. Additional fees apply.
Lab Hours: 1 hour. Prerequisite: Commercial Pilot Certificate. Corequisite: AVIA 4500.

AVMT - Aviation Management Technology

AVMT 1000 - Aviation Mathematics and Physics (3)
Aviation Mathematics provides students with the knowledge necessary to use and apply mathematical procedures and processes that are applicable to aviation maintenance functions. Topics include: perform algebraic operations; extract roots and raise numbers to a given power; determine area and volume of geometrical shapes; and solve ratio, proportion, and percentage problems. In addition, this course provides students with an introduction to the theory and application of physics to aerospace vehicles and their subsystems. Topics include: temperature and heat; pressure, temperature, and volume of air mass; basic aerodynamics and theory of flight; physical factors affecting engine output; relationship of pressure, area, and force; origin of sound; principles of simple machines; and centrifugal and centripetal force. this course is non-transferable to a baccalaureate program.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Admission to Aviation Maintenance Technology Program.

AVMT 1010 - Aviation Maintenance Regulations and Human Factors (3)
This course provides students with the knowledge and skills necessary to select and use FAA and manufacturers' specifications, data sheets, manuals, related regulations, and technical data; to write descriptions of aircraft conditions, record work performed, and complete maintenance forms and inspection reports; and learn to interpret federal regulations regarding mechanic privileges and limitations. Topics include: maintenance publications, maintenance forms and records, and mechanic privileges and limitations. In addition, this course provides an introduction into the study of Human Factors. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2.5. Lab Hours: 1. Prerequisite: Admission to Aviation Maintenance Technology Program.

AVMT 1020 - Aircraft Applied Science I (3)
Aircraft Applied Science I provides the student with the fundamentals of aircraft drawings, weight and balance, servicing methods and ground operations. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 3. Prerequisite: Admission to Aviation Maintenance Technology Program.

AVMT 1025 - Aircraft Applied Science II (4)
Aircraft Applied Science II provides the student with the fundamentals of aircraft maintenance. Topics include: fluid lines and fittings, materials and processes, aircraft cleaning and corrosion control, and aircraft inspection techniques. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2.5. Lab Hours: 4.5. Prerequisite: Admission to Aviation Maintenance Technology Program.

AVMT 1030 - Fundamentals of Aircraft Electricity and Electronics (3)
This course provides a study of the relationships of voltage, current, and resistance in aircraft electrical systems, and the use of meters. Alternators; generators; starters; motors; charging systems; basic AC and DC systems; and semiconductor, solid state, and integrated circuit fundamentals are introduced. Topics include: basic electricity; determine the relationship of voltage, current and resistance in electrical circuits; read and interpret electrical circuit diagrams; measure voltage, current, resistance, and continuity; calculate and measure electrical power; calculate and measure capacitance and inductance; inspect and service batteries; and solid state devices applications. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 3. Prerequisite: Admission to Aviation Maintenance Technology Program.

AVMT 2010 - Aircraft Non-Metallic Structures (3)
Provides a study of non-metallic construction and repair processes. Topics include: Types and general characteristics of wood used in aircraft structures, wood repair techniques and practices, covering repair techniques and practices, inspection of aircraft covering, composite repair methods, techniques, fasteners, and practices, and inspection/testing of composite structures. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 3. Prerequisite: All Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2020 - Aircraft Metallic Structures (4)
Provides a study of metallic construction and repair processes. Topics include: Layout, forming, and drilling of sheet metal components, rivet layout, rivet removal and installation methods, flame welding practices and techniques, inert-gas welding practices and techniques, and types of structures and their characteristics. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2.5. Lab Hours: 4.5. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2040 - Aircraft Flight Controls and Rotorcraft Fundamentals (3)
This course provides a study of aircraft assembly and rigging configurations. Topics include: use assembly and rigging hand tools and equipment; rig fixed wing aircraft; rig rotary wing aircraft; check alignment of structures; assemble aircraft components, including flight control surfaces; balance, rig, and inspect movable primary and secondary control surfaces; and jack aircraft. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 3. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2050 - Airframe Inspection (3)
This course provides for performing airframe inspections with emphasis on developing the skills related to conformity and airworthiness evaluations. Topics include: inspection requirements under 14 CFR part 91, requirements for complying with Ads, use of FAA-approved data, and compliance with service letters, service bulletins, instructions for continued airworthiness, or ADs. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 3. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2060 - Aircraft Hydraulic, Pneumatic, and Landing Gear Systems (3)
This course provides a study of the principles of generation, distribution, and management of hydraulic and pneumatic power throughout the aircraft. Topics include: identify hydraulic fluids; repair hydraulic and pneumatic power system components; inspect, check, service, troubleshoot, and repair hydraulic and pneumatic power systems; hydraulic and pneumatic position and warning systems; and inspect, check, troubleshoot, service, and repair aircraft position and warning systems. This course also provides a study of aircraft landing gear systems with emphasis on inspection and maintenance procedures of hydraulic and pneumatic power throughout the aircraft structure. Topics include: inspect, check, service, and repair landing gear retraction systems and shock struts; inspect, check, service, and repair brakes, wheels, and tires; and inspect, check, service, and repair steering systems. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 3. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2070 - Aircraft Instrument, Communication and Navigation Systems (3)
This course provides a study of aircraft instrument systems, and communication and navigation systems. Topics include: magnetic compass inspection and operation, gyroscopic instruments, pitot-static systems, aircraft bonding and protection, radio operating principles, very high frequency (VHF), high frequency (HF), and SATCOM systems, instrument landing system (ILS) theory, components, and operation, traffic collision avoidance system (TCAS), theory, components, and operation, and Automatic Dependent Surveillance-Broadcast (ADS-B) theory, components, and operation. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 3. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2080 - Aircraft Airframe and Environmental Systems (4)
This course provides a study of aircraft airframe and environmental systems. Topics include: Environmental systems, ice and rain control systems, airframe fire protection systems, aircraft fuel systems, and water and waste systems. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2.5. Lab Hours: 4.5. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2090 - Aircraft Electrical Systems (3)
This course provides a study of aircraft electrical. Topics include: Generators, DC generation systems, and DC power distribution systems, constant speed drive (CSD) and integrated drive generator (IDG) systems and components, electrical system troubleshooting, aircraft electrical connectors, splices, terminals, and switches, aircraft lighting systems, aircraft wiring sizes, types, selection, installation and circuit protection devices, and aircraft battery troubleshooting and maintenance. This course is non-transferable to baccalaureate programs.
Lecture Hours: 3. Lab Hours: 2. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2210 - Aircraft Reciprocating Engines, Induction, and Cooling Systems (4)
This course provides a study of piston engine theory and maintenance including air and water-cooled aircraft engines. Topics include: reciprocating engine operating principles/theory of operation, reciprocating engine maintenance and inspection, diesel engine operating principles/theory of operation, reciprocating engine induction and cooling system theory, components, and operation, turbochargers, intercoolers, and controls, carburetor heaters, and liquid cooling system theory, components, and operation. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 6. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2230 - Aircraft Turbine Engines (4)
This course provides a study of aircraft turbine engine theory and maintenance including air systems. Topics include: turbine engine operating principles/theory of operation, turbine engine construction and internal components, turbine engine troubleshooting, maintenance, and inspection procedures, auxiliary power unit(s), air cooling system theory, components, and operation, turbine engine induction system theory, components, and operation, turbine engine bleed air system theory, components, and operation, and turbine engine anti-ice systems. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 6. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2250 - Aircraft Engine Inspection (3)
This course provides a study of engine inspection principles. Topics include: inspection requirements under 14 CFR part 43 and 14 CFR part 91, use of FAA-approved data, Compliance with service letters, service bulletins, instructions for continued airworthiness, ADs, or TCDSs, and maintenance recordkeeping requirements under 14 CFR part 43. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 2. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2260 - Aircraft Engine Fuel and Fuel Metering Systems (3)
This course provides a study of aircraft engine fuel and fuel metering systems. Topics include: Float carburetor theory, components, operation, and adjustment, pressure carburetor theory, operation, and adjustment, continuous-flow fuel injection theory, components, operation, troubleshooting and adjustment, digital engine control module (e.g., FADEC), components, theory, and operation of turbine engine fuel metering system, and inspection requirements for an engine fuel system. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2. Lab Hours: 3. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2270 - Aircraft Engine Electrical, Ignition, and Starting Systems (4)
This course provides a study of aircraft engine electrical systems, ignition systems, and starting systems. Topics include: DC generation systems, AC generation systems, voltage regulators and overvoltage and overcurrent protection, CSD and IDG systems and components, and engine electrical wiring, switches, protective devices Ignition system theory, and annunciator indicating systems. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2.5. Lab Hours: 4.5. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVMT 2280 - Aircraft Powerplant Accessory Systems (4)
This course provides a study of engine lubrication systems, engine fire protection systems, engine exhaust and reverser systems, and propellers. Topics include: lubrication system operation and components, lubrication system maintenance, inspection, servicing, and analysis, fire extinguishing system maintenance and inspection, reciprocating engine exhaust system theory, components, operation, and inspection, turbine engine exhaust system theory, components, operation, and inspection, thrust reverser theory, components, and operation, and propeller theory and operation. This course is non-transferable to baccalaureate programs.
Lecture Hours: 2.5. Lab Hours: 4.5. Prerequisite: Aviation Maintenance Technology Program General (1000 level) courses..

AVNC - Avionics Technology

AVNC 1000 - Introduction to Aviation Electronics (6 credits)
Provides a review of DC and AC circuits, an introduction to solid state devices, digital concepts, logic systems, telecommunications, and soldering practices.
Lecture Hours: 4 hours. Lab Hours: 12 hours. Prerequisite: Grade of C or better in AMTP 1030.

AVNC 1010 - Aircraft Communication Systems Maintenance (5 credits)
Provides theory, operation, testing and troubleshooting of common aircraft communication systems to include aircraft audio distribution systems, satellite communication systems, telephone systems, public address systems, and intercom systems. The student will receive training on the setup and use of common test equipment associated with both bench and line testing of aircraft communication systems. In addition, the student will receive training in aircraft communication systems troubleshooting and repair practices/procedures using the correct materials and processes.
Lecture Hours: 4 hours. Lab Hours: 8 hours. Prerequisite: Grade of C or better in AMTP 1030 and AVNC 1000.

AVNC 1020 - Aircraft Navigation and Autopilot Systems Maintenance (9 credits)
Provides theory, operation, testing and troubleshooting of common aircraft navigation systems to include VOR/LOC navigation systems, instrument landing systems, global positioning systems, distance measuring equipment, air traffic radar beacon systems and autopilot systems. The student will receive training on the setup and use of common test equipment associated with both bench and line testing of aircraft navigation and autopilot systems systems. In addition, the student will receive training in aircraft navigation and autopilot systems troubleshooting and repair practices/procedures using the correct materials and processes.
Lecture Hours: 8 hours. Lab Hours: 16 hours. Prerequisite: Grade of C or better in AMTP 1030 and AVNC 1000.

AVNC 1030 - Aircraft Electric/Electronic Systems Installation (7 credits)
Provides theory and practical experience in the installation of avionics systems in aircraft, mounting electronic equipment, construction and installation of electrical wiring and cables, proper use of tools and selection of materials. This course is not transferable to Bachelors of Arts or Sciences programs.
Lecture Hours: 2 hours. Lab Hours: 5 hours. Prerequisite: Grade of C or better in AMTP 1030.

BIOL - Biology

BIOL 1001K - Introductory Biology I (4 credits)
This non-major's course, the first in a lab sequence, is designed to develop an appreciation for the biological sciences and to strengthen understanding of scientific method and experimental design through applied thinking. An appreciation of biological concepts and literacy also will be attained. The course will concentrate on the cellular and molecular levels of biology and will include topics such as an introduction to biological chemistry, cell biology, genetics, and evolutionary mechanisms will be presented. Corequisite lab course required.
Lecture Hours: 3 hours. Corequisite: BIOL 1001L.

BIOL 1001K-H - Honors Introductory Biology I (4 credits)
This non-major's honors course, the first in a lab sequence, is designed to develop an appreciation for the biological sciences and to strengthen understanding of scientific method and experimental design through applied thinking. An appreciation of biological concepts and literacy also will be attained. The course will concentrate on the cellular and molecular levels of biology, genetics, and will finish with a study of the anatomy and physiology of organisms through a study of the digestive, respiratory, cardiovascular, thermoregulatory, and sensory systems. Students will participate in an honors laboratory section where they will conduct an in-depth study of the methods of scientific investigation. Students will be required to submit projects related to lecture subjects. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: Admission into Honors Program. Corequisite: BIOL 1001L.

BIOL 1001L - Introductory Biology I LAB (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 1001K.

BIOL 1002K - Introductory Biology II (4 credits)
This non-major's course, the second in a lab science sequence, is designed to increase an appreciation for the basic concepts of biology including an understanding of scientific method and experimental design. To achieve the goal, the subject areas of organismal diversity and organismal anatomy and physiology, ecology and environmental biology will be investigated. Organ systems to be covered will include the digestive system, respiratory system, immune system, cardiovascular system, excretory system, endocrine system and reproductive system. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: BIOL 1001K. Corequisite: BIOL 1002L.

BIOL 1002KH - Honors Introductory Biology II (4 credits)
This non-major's honors course, the second in a lab sequence, is designed to increase an appreciation for the basic concepts of biology, including an understanding of the scientific method and experimental design. To achieve this goal, the subject areas of evolution, organismal diversity and ecology will be investigated. Students will participate in an honors laboratory section where they will conduct an in-depth study of the methods of scientific investigation. Students will be required to submit projects related to lecture subjects. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: Admission to the Honors Program and BIOL 1001K or BIOL 1001KH. Corequisite: BIOL 1002L.

BIOL 1002L - Introductory Biology II LAB (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 1002K.

BIOL 1004 - Perspectives on the Human Body (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to the human body. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of the human body and to gain experience in developing and presenting original arguments in oral forms. This course is designed to promote an interest in science through a better understanding of the human body. The organization, maintenance, and control of the body will be examined through the study of specific body systems in health and disease. Discussions will include the scientific process of investigation, cellular activity and cancer, basic concepts of energy and the digestive system, the relationship between structure and functions in the musculoskeletal system, and the role of hormones in regulating body functions. Students will learn how critically to evaluate information and keep current of the rapidly changing scientific world through news media and Internet activities.
Lecture Hours: 4 hours.

BIOL 1005 - Perspectives on the Environment (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to basic environmental principles and possible solutions to environmental problems. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to environmental issues and to gain experience in developing and presenting original arguments in oral forms. Topics will include discussions of how the environment is organized, problems associated with natural resources' availability and misuse, and practical strategies that could assure the sustainability of our planet. Students will learn how to evaluate critically various sources of information about the environment from several types of media.
Lecture Hours: 4 hours.

BIOL 1006 - Perspectives on Mildews, Mushrooms, and Man (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an examination of some of the most common groups of the Kingdom Fungi and their unique characteristics and impact on man throughout human history. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of fungi and to gain experience in developing and presenting original arguments in oral forms. The course will emphasize the extraordinary things that fungi do and the unique places they are found. In addition to exploring the scientific concepts related to the Kingdom Fungi, students will critically evaluate the role of fungi in human development, civilization and history.
Lecture Hours: 4 hours.

BIOL 1011K - Introduction to Biology (4 credits)
An introduction to fundamental unifying principles in biology. Topics covered in the course include: chemistry of life, cell structure and membranes, cellular functions (metabolism, respiration, photosynthesis, communication, and reproduction), genetics (inheritance patterns, DNA structure and function, gene expression, and biotechnology), and evolution.
Lecture Hours: 3 hours. Lab Hours: 1 hour.

BIOL 1150K - Field Studies in Biology (3 credits)
An onsite study of the biology and natural history of a selected environment, ranging from Georgia to the Galapagos Islands. Introductory classroom activity appropriate to the field work is included. Additional fees are required. Corequisite lab course required.
Lecture Hours: 1 hour. Corequisite: BIOL 1150L.

BIOL 1150L - Field Studies in Biology Lab (0)
Lab course for BIOL 1150K.
Lab Hours: 6. Corequisite: BIOL 1150K.

BIOL 1160K - Introduction to Fungi (4 credits)
This course will cover the history of mycology (study of Fungi) and all the organisms traditionally studied by mycologists. Students will learn about the biology of fungi, different kinds of fungi, ecology, genetics, human uses of fungi, diseases caused by fungi, and modern issues relating to fungi. Students will also be required to participate in a lab section and several field trips. Corequisite lab course required.
Lecture Hours: 3 hours. Corequisite: BIOL 1160L.

BIOL 1160L - Introduction to Fungi Lab (0 credits)
Lab course for BIOL 1160K.
Lab Hours: 3 hours. Corequisite: BIOL 1160K.

BIOL 1332K - Introduction to Insects (4 credits)
This course will cover the origins and diversity of insects and related organisms, their anatomy and physiology, and their interactions with humans and ecosystems. Laboratory exercises will include collections, studies of diversity and anatomy and experiments on physiology. Corequisite lab course required.

Lecture Hours: 3 hours. Corequisite: BIOL 1332L.

BIOL 1332L - Introduction to Insects (0 credits)
Lab course for BIOL 1332K.
Lab Hours: 2 hours. Corequisite: BIOL 1332K.

BIOL 2107K - Principles of Biology I (4 credits)
This course is designed for science majors. Topics include the scientific method, basic biological chemistry, cell structure and function, cellular reproduction, genetics, and evolutionary mechanisms. Note: Students cannot receive graduation credit for both BIOL 1001K and BIOL 2107K. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: CHEM 1211K (prerequisite or co-requisite). Corequisite: BIOL 2107L and CHEM 1211K.

BIOL 2107L - Principles of Biology I LAB (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 2107K.

BIOL 2108K - Principles of Biology II (4 credits)
This course is designed for science majors and is a continuation of BIOL 2107K. Topics include ecology, evolution, and organismal systems and biodiversity. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2107K . Corequisite: BIOL 2108L.

BIOL 2108L - Principles of Biology II LAB (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 2108K.

BIOL 2251K - Anatomy and Physiology I (4 credits)
This integrated lecture and laboratory course is the first course in a two-semester sequence designed to explore the biological and chemical processes underlying the structure and function of the human body at the cellular, tissue, organ, and whole-body level. Topics to be covered include, but are not limited to, biological chemistry; cellular structure and function; tissues; and the integumentary, skeletal, muscular, and nervous systems. This course includes laboratory exercises that supplement the material covered in lectures. This course is designed primarily for non-biology majors, especially those pursuing majors in nursing and the allied health professions.
Lecture Hours: 3.

BIOL 2251L - Anatomy and Physiology I Laboratory (0 credits)
This course is the laboratory component of BIOL 2251K. It is designed to provide hands-on experiences that will enhance and reinforce the content covered in BIOL 2251K.
Lab Hours: 2.

BIOL 2252K - Anatomy and Physiology II (4 credits)

This integrated lecture and laboratory course is the second course in a two-semester sequence designed to explore the biological and chemical processes underlying the structure and function of the human body at the cellular, tissue, organ, and whole-body level. Topics to be covered include, but are not limited to, the cardiovascular, endocrine, lymphatic and immune, respiratory, digestive, urinary, and reproductive systems. Metabolism and fluid, electrolyte, and acid-base balance will also be covered. This course includes laboratory exercises that supplement the material covered in lectures. This course is designed primarily for non-biology majors, especially those pursuing majors in nursing and the allied health professions.

Lecture Hours: 3. Prerequisite: A grade of a C or better in BIOL 2251K.

BIOL 2252L - Anatomy and Physiology II Laboratory (0 credits)
This course is the laboratory component of BIOL 2252K. It is designed to provide hands-on experiences that will enhance and reinforce the content covered in BIOL 2252K.
Lab Hours: 2. Corequisite: BIOL 2252K.

BIOL 2260K - Foundations of Microbiology (4 credits)
This integrated lecture and laboratory course provides an introduction to microbiology. This course introduces the student to the diversity and classification of medically significant microorganisms, their modes of pathogenesis and transmission, and the infectious diseases they cause. Topics to be covered include, but are not limited to, microbial cell biology, microbial metabolism and genetics; major classes of disease-causing microorganisms; host immune response; microbial control; aseptic technique; disinfection; and isolation, culture, staining, and identification of microorganisms. Select laboratory exercises will provide training in the basic laboratory techniques for culture and identification of microbes. This course is designed primarily for non-biology majors, especially those pursuing majors in nursing and the allied health professions.
Lecture Hours: 3. Prerequisite: BIOL 2251K. Corequisite: BIOL 2260L.

BIOL 2260L - Foundations of Microbiology Laboratory (0 credits)
Select laboratory exercises will provide training in the basic laboratory techniques for culture and identification of microbes.
Lab Hours: 3. Corequisite: BIOL 2260K.

BIOL 3104K - Cell Biology (4 credits)
This is a general cell biology course covering the structure and function of a diversity of cell types, including their architecture and organization, modes and mechanisms of cell division, various membrane phenomena, organellogenesis, signal transduction, physiology, energy transduction, gene expression, and various cellular control mechanisms. Additional topics will include cell evolution, cellular diversity, and multicellularity. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K . Corequisite: BIOL 3104L.

BIOL 3104L - Cell Biology Lab (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 3104K.

BIOL 3110 - Scientific Thought and Theory (3 credits)
This course examines the development of scientific thought and theory from a historical perspective. This course takes an in-depth look at the evolution of scientific ideas and the formation of scientific theories in the natural sciences.

Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: BIOL 2108K and ENGL 1102 or ENGL 1102H.

BIOL 3113 - Environmental Science (3 credits)
This course uses biological and earth science principles to examine humans and their global environment. Topics include but are not limited to human population growth, global warming, ozone depletion, water quality and pollution, energy production, waste disposal, epidemiology, conservation, natural processes, sustainability, etc.
Lecture Hours: 3 hours. Prerequisite: At least a C in BIOL 2108K.

BIOL 3115K - Parasitology (4 credits)
This course seeks to investigate and examine the basic principles and evolution of the parasitic lifestyle of various groups of organisms and includes a survey of the most common parasitic species in a laboratory setting. Special emphasis will be placed on the parasites of humans and domestic animals. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: BIOL 3540K. Corequisite: BIOL 3115L.

BIOL 3115L - Parasitology Lab (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 3115K.

BIOL 3130 - Ethical Issues in Science (3 credits)
This course is designed to inform students of new issues facing the scientific community and society as a result of advances in science and medicine. It examines the importance and value of scientific research from different perspectives.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102 or ENGL 1102H and BIOL 2108K.

BIOL 3211 - Evolution (4 credits)
Biological evolution, from the level of genes to populations to species will be studied. The history of the development of evolutionary thought will also be covered.
Lecture Hours: 4 hours. Prerequisite: A grade of C or better in BIOL 2108K.

BIOL 3310K - Biochemistry (4 credits)
This is a one-semester course on the principles of biological chemistry with an emphasis on the study of the principal compounds of biochemical importance: proteins, lipids, carbohydrates, their chemistry, metabolic breakdown and biosynthesis, enzymes, co-factors, nucleic acids, regulation of cellular systems. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in both CHEM 2212K and BIOL 2108K. Corequisite: BIOL 3310L.

BIOL 3310L - Biochemistry Lab (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 3310K.

BIOL 3350K - Ecology (4 credits)
This is a study of the interactions of plants and animals with their non-living environment and with each other. Topics include: species diversity, population structure and dynamics, organization and classification of communities, and nutrient and energy flows in ecosystems. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in BIOL 2108K. Corequisite: BIOL 3350L.

BIOL 3350L - Ecology Lab (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 3350K.

BIOL 3360K - Plant Biology (4 credits)
This is a plant biology course that deals with the biology of plants at the organismal and ecological levels. Topics include: plant anatomy, plant physiology, evolution, and diversity of plants, algae, and fungi; environmental interactions; global environmental issues and ethnobotany. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K. Corequisite: BIOL 3360L.

BIOL 3360L - Plant Biology Lab (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 3360K.

BIOL 3510K - Invertebrate Zoology (4 credits)
This is an introduction to the natural history of the invertebrate phyla, with emphasis on the major groups: their phylogeny, comparative structure and physiology, ecology, and embryology necessary for an understanding of homology. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K . Corequisite: BIOL 3510L.

BIOL 3510L - Invertebrate Zoology (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 3510K.

BIOL 3520K - Vertebrate Zoology (4 credits)
This is an introduction to the natural history of the phylum Chordata with an emphasis on the vertebrate classes: their phylogeny, comparative structure and physiology, ecology, historical distribution patterns, and embryology necessary for understanding homology. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K . Corequisite: BIOL 3520L.

BIOL 3520L - Vertebrate Zoology (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 3520K.

BIOL 3540K - Microbiology (4 credits)
This course presents the basic subdivisions of microbiology, including the study of viruses, fungi, and microscopic eukaryotes, but with an emphasis on bacteriology. Topics covered include the following: microbial taxonomy and evolution, microbial physiology, microbial genetics, microbial pathogenesis, and the tools and techniques of microbiology. The impact of microbiology on medicine, the environment, basic research, and biotechnology is discussed. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K. Corequisite: BIOL 3540L.

BIOL 3540L - Microbiology (0 credits)

Lab Hours: 3 hours. Corequisite: BIOL 3540K.

BIOL 3666K - Entomology (4 credits)
The natural history, morphology, taxonomy, evolutionary relationships and behavior of insects will be studied. The course will also cover the economic and medical importance of insects. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K. Corequisite: BIOL 3666L.

BIOL 3666L - Entomology Lab (0 credits)
Entomology lab.
Lab Hours: 2 hours. Corequisite: BIOL 3666K.

BIOL 3710K - Animal Physiology (4 credits)
This is an examination of the physiological processes which contribute to whole animal homeostasis. This course will compare the strategies and adaptations used by different animals to meet the challenges of circulation, gas exchange, metabolism, temperature regulation, water balance, sensation, and locomotion in the context of their environments. Emphasis will be on the integrative actions of the nervous and endocrine systems. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K. Corequisite: BIOL 3710L.

BIOL 3710L - Animal Physiology Lab (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 3710K.

BIOL 4110K - Genetics (4 credits)
This course serves as an introduction to the basic principles of heredity. Classical Mendelian principles of inheritance and molecular principles of inheritance are discussed. This course includes the structure, function, regulation, and transmission of hereditary materials in viruses, prokaryotes, and eukaryotes. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K. Corequisite: BIOL 4110L.

BIOL 4110L - Genetics (0 credits)
Genetics Lab.

Lab Hours: 2 hours. Corequisite: BIOL 4110K.

BIOL 4120 - Senior Seminar (2 credits)
This seminar course is intended for students in the last year of their program. Through lectures and the scientific literature and class discussions, students will be introduced to particular areas of active research. Students will be expected to undertake individual projects which may include oral and/or written presentations and preparation of mini-grant applications. Students can get credit for either BIOL 4120 or BIOL 4894.

Lecture Hours: 2 hours. Prerequisite: Student must have completed SCIE 2998 or two semesters of SCIE 2999 and 90 or more credit hours.

BIOL 4150K - Tropical Ecology Studies (4 credits)
This course is designed to expose students to the aspects of field research by taking a trip to the country of Costa Rica. The approach is hands-on, with an emphasis on developing skills of observation, analysis and critical thinking, and learning to apply those skills in carrying out original research in the field. Students will carry out abbreviated research projects in one of the diverse habitats of Costa Rica and subsequently present the results of their studies in a formal seminar setting. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: BIOL 3510K or BIOL 3350K or BIOL 3520K, and permission of instructors. Corequisite: BIOL 4150lL.

BIOL 4150L - Tropical Ecology Studies Lab (0)
Lab course for BIOL 4150L.
Lab Hours: 2. Corequisite: BIOL 4150K.

BIOL 4321 - Special Topics (2 - 4 credits)
This course will address current topics of interest in the biological sciences. Different instructors will teach the course every year and the topic will vary with the instructor involved. Students may take no more than two Special Topics courses to count as biology electives in the B.S. in Biology program.
Lecture Hours: 2 - 4 hours. Lab Hours: variable. Prerequisite: A grade of C or better in BIOL 2108K.

BIOL 4321K - Special Topics (2-4)
This course will address current topics of interest in the biological sciences. Different instructors will teach the course every year and the topic will vary with the instructor involved. Students may take no more than two Special Topics courses to count as biology electives in the B.S. in Biology program. Corequisite lab course required.
Lecture Hours: 2-4. Prerequisite: BIOL 2108K. Corequisite: BIOL 4321L.

BIOL 4321L - Special Topics Lab (0 - 4 credits)
Lab Hours: 0 - 4 hours.

BIOL 4322 - Neurobiology (3 credits)
This course explores the structure and function of nervous systems, with special emphasis placed on the human nervous system. The basic topics of neuronal function, neuroanatomy, sensory and motor systems, as well as the neural basis of behavior, learning, and consciousness are covered.
Lecture Hours: 3 Hours. Prerequisite: A grade of a C or better in BIOL 2108K..

BIOL 4323K - Marine Biology (4 Credits)
This course is an introduction to marine biology/marine science. Biological concepts will be reviewed in light of the marine environment with specific emphasis on physical properties of seawater, movement of ocean waters, plate tectonics, organism structure and function, ecosystem composition, marine resources and human impacts on the ocean. Students are required to attend field trips. Corequisite lab course required.
Lecture Hours: 3 Hours. Prerequisite: A grade of a C or better in BIOL 2108K.. Corequisite: BIOL 4323L. Cross-Listed as: Course equivalent to BIOL 4321 Special Topics section- Marine Biology. See Biology department for course transfer details.

BIOL 4323L - Marine Biology (0 credits)
Lab course for BIOL 4323K.
Lab Hours: 2. Corequisite: BIOL 4323K.

BIOL 4324K - Ornithology (4)
This course will include a broad survey of birds, including their evolution, functional morphology, physiology, ecology and behavior. Field and classroom laboratories will emphasize particular aspects of morphology, ecology and behavior, as well as taxonomy and identification. Two local field trips are required. Corequisite lab course required.
Lecture Hours: 2. Prerequisite: A grade of a C or better in BIOL 2108K.. Corequisite: BIOL 4324L.

BIOL 4324L - Ornithology Lab (0)
Lab for BIOL 4324K.
Lab Hours: 2 . Corequisite: BIOL 4324K.

BIOL 4344K - Comparative Vertebrate Anatomy (4 credits)
The gross anatomy, biomechanics, physiology and evolutionary relationships of vertebrates will be studied. Several types of vertebrates will be dissected. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in BIOL 2108K.

BIOL 4344L - Comparative Vertebrate Anatomy Lab (0)
Lab course for BIOL 4344K.
Lab Hours: 2. Corequisite: BIOL 4344K.

BIOL 4411 - Animal Behavior (3 credits)
This course addresses the causes of animal behavior considered from evolutionary biological, ecological, and neuroethological perspectives. The course begins by considering animal behavior in the context of evolutionary theory including discussions of natural selection, sexual selection, genetic and epigenetic effects on behavior. The rest of the course includes topics such as mating systems, parental care and kinship, cooperation, feeding behavior, antipredator behavior, aggression, play, communication, and animal personalities.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in BIOL 2108K or a C or better in PSYC 3401. Cross-Listed as: PSYC 4411.

BIOL 4450K - Mycology (4 credits)
Students will cover all known taxonomic groups of Kingdom Fungi and related organisms traditionally studied by mycologists (oomycetes, slime molds). Emphasis will be placed on learning the biology of Fungi and related organisms (cell biology / genetics / ecology / morphology / biogeography / pathology) but students will also gain an appreciation of the impact of these organisms on the environment and human society as well as the history of the field. Lab will involve learning how to identify, collect, culture, manipulate and respect these organisms. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K. Corequisite: BIOL 4450L.

BIOL 4450L - Mycology Lab (0 credits)
Mycology lab course.
Lecture Hours: 0 hours. Lab Hours: 3 hours. Corequisite: BIOL 4450K.

BIOL 4454K - Developmental Biology (4 credits)
The embryological development of animals will be studied with an emphasis on vertebrates. Includes the study of relevant biochemistry, molecular biology, genetics, germ cell production, fertilization, differentiation, the origin of organ systems, and how evolution is related to embryology. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of a C or better in BIOL 2108K.

BIOL 4454L - Developmental Biology Lab (0 credits)
Lab Hours: 2 hours. Corequisite: BIOL 4454K.

BIOL 4500 - Immunology (3 credits)
Students learn the fundamentals of immunity and immunological effectors; general properties of immune responses; cells and tissues of immune system; effector mechanisms; the principles of innate and acquired immune responses with special focus on humoral and cell-mediated immunity; immunodeficiency and AIDS; autoimmune diseases; transplantation.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in BIOL 3104K or BIOL 3540K.

BIOL 4530K - Molecular Biology (4 credits)
This course is an introduction to the theory and practice of molecular biology. Topics include the molecular aspects of gene structure, function, and evolution. The laboratory will include hands-on experience in which the student will perform molecular genetic analysis and manipulation, such as DNA isolation and characterization, restriction enzyme analysis, cloning, construction and selection of recombinants, and recombinant protein purification. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: BIOL 3540K or BIOL 3104K. Corequisite: BIOL 4530L.

BIOL 4530L - Molecular Biology (0 credits)

Lab Hours: 2 hours. Corequisite: BIOL 4530K.

BIOL 4667K - Histology (4 credits)
Students will examine features of normal human cells, tissues and organs with an emphasis on morphology and function. Assignments will include specimen preparations, histological techniques, staining procedures, and light microscopy, identification of tissues and function of organ systems. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in BIOL 2108K.

BIOL 4667L - Histology Lab Course (0 credits)
Lab Course
Lab Hours: 2 hours. Corequisite: BIOL 4667K.

BIOL 4774K - Field Biology (4 credits)
The course provides students with experience in field data collection. History of field studies, methodology, field logistics, data collection, data analysis, and data interpretation will be covered. Data will be collected on campus and at nearby locations. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in BIOL 3350K or BIOL 3360K or BIOL 3510K or BIOL 3520K; and permission of instructor.

BIOL 4774L - Field Biology Lab (0 credits)
Lab course for BIOL 4774K.
Lab Hours: 2 hours. Corequisite: BIOL 4774K.

BIOL 4894 - Research (2 credits)
Students will conduct an in depth research project under the guidance of an advisor. Course will culminate with the preparation of a research paper in the publication format and a formal presentation before a committee of at least three science faculty members. This course can also substitute for BIOL 4120.
Lecture Hours: 1-2 hours. Lab Hours: 1-2 hours. Prerequisite: Two semesters of SCIE 2999 and permission of the instructor.

BMGT - Business Management

BMGT 2101 - Applied Accounting Concepts (3 credits)
This course is an overview of basic financial and managerial accounting for those persons who desire to move into managerial positions. The course will cover basic accounting concepts, terminology, and generally accepted accounting principles, with an emphasis on preparing and interpreting accounting information for decision-making. This course is not transferable to Bachelors of Arts or Sciences programs.
Lecture Hours: 3 hours.

BMGT 3101 - Ethics in the Workplace (3 credits)
This course will examine ethical issues and social responsibility in the context of business. Topics include business responsibility, environmental sustainability, and ethics in the various company disciplines and functional areas. This course is not transferable to Bachelor of Arts or Sciences programs.
Lecture Hours: 3 hours.

BMGT 3102 - Essentials of Human Resources for Managers (3 credits)
This is a study of basic principles and practices of human resource management. This course will cover such topics as recruiting, hiring, evaluating, training and developing employees; with special emphasis on case study scenarios regarding each of these aforementioned areas. The legal framework of human resource management will also be covered, along with ways to create and maintain healthy employee-management relationships. This course is not transferable to Bachelor of Arts or Sciences programs.
Lecture Hours: 3 hours.

BMGT 3107 - Operations in a Dynamic Environment (3 credits)
Management of operations in a dynamic workplace involves the use of effective decision-making skills to help with designing, planning, and controlling of the many factors that affect operations. This course will introduce students to the basic definitions and concepts of operations encountered in the workplace. Topics include: forecasting, product and service design, capacity planning, decision theory, process selection and layout, work design, location planning, scheduling, quality control, inventory management, project management, supply chain management (SCM), and the use of basic quantitative tools to help with planning and allocating resources. Computer assisted problem solving applications are included. This course is not transferable to Bachelors of Arts or Sciences programs.
Lecture Hours: 3 hours. Prerequisite: BUSA 1105.

BMGT 3108 - Introduction to Management - When Theory Meets Practice (3 credits)
An introduction to the management process emphasizing planning and strategy, organizational theory and structure, and organizational behavior, direction and control including leadership, motivation, team building, management information systems and current managerial issues such as total quality management, multi-cultural impact and ethical management. This course is not transferable to Bachelors of Arts or Sciences programs.
Lecture Hours: 3 hours. Prerequisite: Junior standing or permission of instructor.

BMGT 3314 - Principles of Logistics (3 credits)
This course is designed to give an overview of logistics including transportation, procurement, warehousing, and the critical elements and systems which coordinate critical areas of the order fulfillment functions for business. This course is not transferable to Bachelors of Arts or Sciences programs.
Lecture Hours: 3 hours.

BMGT 4103 - Leadership & Decision-Making (3 credits)
This course is a study of various leadership styles and the respective impact these styles have on organizations. Topics will include leadership in a changing environment, qualities of successful leadership styles, developing an appropriate leadership style, leadership and social responsibility, and conflict resolution techniques. This course is not transferable to Bachelor of Arts or Sciences programs.
Lecture Hours: 3 hours.

BMKT - Business Marketing

BMKT 3109 - Fundamentals of Marketing (3 credits)
The purpose of this course is to introduce the student to the basic fundamentals of marketing. The design of the course will include studying and applying marketing concepts, terms and topics such as: segmenting and targeting markets; product, place, promotion and price decisions; as well as analytical tools and strategies that an organization can use in order to improve decision-making and implementation of marketing plans. This course is not transferable to Bachelor's of Arts or Sciences programs.
Lecture Hours: 3 hours.

BUSA - Business

BUSA 1105 - Introduction to Business (3 credits)
Integrative survey of the functional areas of business such as finance, operations, marketing, and human resources.
Lecture Hours: 3 hours. Prerequisite: READ 0099, MATH 0097.

BUSA 2105 - Communicating in the Business Environment (3 credits)
This is a course emphasizing both interpersonal and organizational communications to include written and oral exercises appropriate to business practice.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102.

BUSA 2201 - Business Information Applications (3 credits)
This is a course designed to provide an overview of information analysis concepts and applications in today's business environment. Topics include a brief history of information technology use in business, the information processing cycle, networking, and business operations in the online world. Emphasis is on business productivity software including spreadsheets, business databases, presentation software, e-mail, basic web page development, and internet utilization. Students make oral presentations using PowerPoint presentation software. This course may not be substituted for ITEC 2215.
Lecture Hours: 3 hours.

BUSA 3101 - Business Ethics (3 credits)
This course will examine ethical issues in the context of business theory and practice. Topics include corporate responsibility, corporate governance, and environmental sustainability. Other topics include ethics in the various business disciplines. Critical thinking skills will be developed to examine these issues.
Lecture Hours: 3 hours. Prerequisite: Junior status or permission of instructor.

BUSA 3340 - Business Analysis using Excel (3 credits)
This course introduces the student to decision making and business analysis using Excel tools and utilities. Coverage includes logic, expression and formula building as well as statistical, what-if, and financial analysis.
Lecture Hours: 3 hours. Prerequisite: MATH 1401 and either BUSA 2201 or ITEC 2201.

CHEM - Chemistry

CHEM 1151K - Survey of Chemistry I (4 credits)
This is the first course in a two-semester sequence covering elementary principles of general, organic, and biochemistry designed for allied health professions majors. Topics to be covered include elements and compounds, chemical equations, nomenclature, and molecular geometry. Laboratory exercises supplement the lecture material.

Lecture Hours: 3 hours. Corequisite: CHEM 1151L.

CHEM 1151L - Survey of Chemistry I LAB (0 credits)
Lab for CHEM 1151K.

Lab Hours: 2 hours. Corequisite: CHEM 1151K.

CHEM 1152K - Survey of Chemistry II (4 credits)
This is the second course in a two-semester sequence covering elementary principles of general, organic, and biochemistry designed for allied health professions majors. Laboratory exercises supplement the lecture material.
Lecture Hours: 3 hours. Prerequisite: CHEM 1151K. Corequisite: CHEM 1152L.

CHEM 1152L - Survey of Chemistry II LAB (0 credits)
Lab for CHEM 1152K.
Lab Hours: 2 hours. Corequisite: CHEM 1152K.

CHEM 1211K - Principles of Chemistry I (4 credits)
This is the first course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. Laboratory exercises supplement the lecture material.
Lecture Hours: 3 hours. Prerequisite: At least a C or better in MATH 1111. Corequisite: CHEM 1211L.

CHEM 1211L - Principles of Chemistry I LAB (0 credits)
Lab for CHEM 1211K.
Lab Hours: 3 hours. Corequisite: CHEM 1211K.

CHEM 1212K - Principles of Chemistry II (4 credits)
This is the second course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Laboratory exercises supplement the lecture material.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in CHEM 1211K . Corequisite: CHEM 1212L.

CHEM 1212L - Principles of Chemistry II LAB (0 credits)
Lab for CHEM 1212K.

Lab Hours: 3 hours. Corequisite: CHEM 1212K.

CHEM 2211K - Organic Chemistry I (4 credits)
This is an introduction to nomenclature, structure and reactions of aliphatic and aromatic hydrocarbon compounds. The concepts of stereochemistry, reaction mechanisms, resonance theory, and aromaticity will be discussed. The laboratory session provides the training for basic laboratory techniques of modern organic chemistry.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in CHEM 1212K . Corequisite: CHEM 2211L.

CHEM 2211L - Organic Chemistry I Lab (0 credits)
Organic Chemistry I Lab course.
Lab Hours: 3 hours. Corequisite: CHEM 2211K.

CHEM 2212K - Organic Chemistry II (4 credits)
This is a study of functional group derivatives of hydrocarbon compounds such as alcohols, ethers, aldehydes, ketones, carboxylic acids, and their amines and amides. The reactions, synthesis, and spectrophotometric identification of organic compounds will be emphasized. Special topics such as heterocyclic compounds, orbital symmetry, and biomolecules will be explored.
Lecture Hours: 3 hours. Prerequisite: A grade of C or better in CHEM 2211K . Corequisite: CHEM 2212L.

CHEM 2212L - Organic Chemistry II Lab (0 credits)
Organic Chemistry II Lab course.
Lab Hours: 3 hours. Corequisite: CHEM 2212K.

CHEM 2999 - Special Topics in Chemistry (2 credits)
This is a special topics course involving a current chemical/environmental problem. Students will produce a report requiring extensive literature search.
Lecture Hours: 2 hours. Prerequisite: Permission of instructor.

COMM - Communication

COMM 1012 - Perspectives on Persuasion (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to persuasion. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will focus on the study and practice of persuasive discourse. The course offers an opportunity for students to apply critical thinking skills to persuasion and to gain experience in developing and presenting arguments in oral forms.
Lecture Hours: 4 hours.

COMM 1100 - Human Communication (3 credits)
This course provides a broad approach to oral communication skills including intrapersonal, interpersonal, small group, and public speaking.
Lecture Hours: 3 hours. Corequisite: ENGL 1101.

COMM 1110 - Public Speaking (3 credits)
This is an introductory course on basic public speaking with emphasis on theory, research, organization, writing, and delivery, with the organization of materials and the vocal and physical aspects of delivery in various speaking situations. Students will receive instruction through lecture, class discussion, and application of informative, persuasive, and impromptu speaking.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1101 or permission of instructor.

COMM 2136 - Group Communication (3 credits)
This course explores issues related to communicating in groups and teams. We will explore (1) what constitutes a group, (2) verbal and nonverbal communication in groups, (3) how groups are structured, (4) the environment in which groups operate, (5) your role as a group member, (6) group decision making, (7) leadership, (8) conflict management, (9) group development, (10) meeting management, and (11) how to observe group process and provide feedback. During this term you will have many opportunities to practice what you are learning about group communications in your real-life working environment.
Lecture Hours: 3 hours.

COMM 2202 - Introduction to Mass Communication (3 credits)
This is a survey of the structure and function of contemporary mass media from an historical and descriptive perspective, with attention paid to problems and criticisms of the media.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1101.

COMM 2204 - Introduction to Communication Theory and Research (3 credits)
This course will provide an introduction to major communication theories and models in both quantitative and qualitative research. Emphasis is placed on locating, reviewing, and evaluating research studies found in professional literature in the field. Provides practical experience in using the American Psychological Association formatting style.
Lecture Hours: 3 hours. Lab Hours: 0 hours. Prerequisite: C or better in ENGL 1101.

COMM 2205 - Introduction to Interpersonal Communication (3 credits)
Students are able to combine theory and application of communication principles involved in initiating, developing, and maintaining a relationship. Aspects of one-to-one and small group communication are explored including perception, self-concept, listening, intercultural and gender communication, and conflict management.

Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1101.

COMM 2206 - Introduction to Intercultural Communication (3 credits)
This introductory course assesses the contributions made by various cultures on contemporary media and reviews the wider cultural implications of the increased distribution of capital, commodities, information, and population on a global scale.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1101.

COMM 3010 - Communication Theory (3 credits)
This course will provide a comprehensive survey of communication theories and models in both quantitative and qualitative research. The course examines interpersonal, cultural, group, and organizational communication.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1102/ ENGL 1102H or Permission of instructor.

COMM 3015 - Intercultural Communication in a Global Society (3 credits)
This course provides an examination of the relationship between culture and communication and approaches to studying intercultural communication. The course offers opportunities to examine culture and cultural differences in practical experience-driven ways. This is a writing-intensive course.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1102/ENGL 1102H or Permission of instructor.

COMM 3016 - Gender Roles and Communication (3 credits)
This course will explore the ways in which gender and communication intersect and affect each other. The course will investigate how past and prevailing gender attitudes and practices influence present notions of male and female, masculine and feminine in myriad communication forms. Emphasis is on historical-critical, cultural and social scientific research on the influence of sex and gender in everyday communication, and the broader implications of those influences.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1102/ENGL 1102H or Permission of instructor.

COMM 3030 - Visual Communication (3)
This course introduces students to the study of visual theory and how images persuade. Students will develop visual literacy skills required to critically analyze and evaluate visual imagery and its role in culture and communication. Students will apply visual theories into practice through creation of original visual designs.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: A "C" or better in ENGL 1102.

COMM 3050 - Persuasion & Strategic Communication (3 credits)
This course will introduce students to the study of persuasion by examining theories of persuasion and their practical application. The class explores both rhetorical and social scientific perspectives on persuasion. Students will develop skills to critically evaluate and create persuasive messages using theories and concepts, including political campaigns, advertising, social movements, and public relations.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in COMM 1100.

COMM 3205 - Advanced Interpersonal Communications (3 credits)
This course will further develop the student's ability to combine theory and application of communication principles involved in initiating, developing, and maintaining various types of relationships.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or 1102H.

COMM 4000 - Rhetoric and Argumentation (3 credits)
This course provides students the skills to construct sound arguments and critically evaluate the arguments of others. Students will develop skills required to collect and evaluate evidence, analyze reasoning, construct organized cases, refute arguments, and understand the fundamental principles of the rhetorical arts and argumentation theory.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1102/ENGL 1102H and COMM 1110, or permission of instructor.

CRJU - Criminal Justice

CRJU 1100 - Introduction to Criminal Justice (3 credits)
Study of the basic elements of criminal justice- law enforcement, courts, and corrections. A study of municipal, county, state, and federal police organizations as well as the history, philosophy, procedures, and constitutional aspects of criminal justice.
Lecture Hours: 3 hours.

CRJU 2316 - Introduction to Criminology (3 credits)
Study of the basic principles of criminology including the causes and impacts of crime. An analysis of classical as well as contemporary theories along with criminal behavior, treatment, and prevention.
Lecture Hours: 3 hours.

CRJU 2317 - Introduction to Criminal Law (3 credits)
Survey of common and statutory laws. An investigation of criminal acts and crimes against the person, property, state, and nation.
Lecture Hours: 3 hours.

CRJU 2318 - Introduction to Corrections (3 credits)
This is a historical and contemporary survey of mechanisms of social control and societal responses to criminality in the United States, including the philosophical underpinnings of these responses: i.e., retribution, rehabilitation, restitution, deterrence, and incapacitation. Special emphasis is given to the contemporary implementation of these correctional philosophies.
Lecture Hours: 3 hours.

CRJU 3020 - Research Methods Criminal Justice (3 credits)
This course is designed to expose students to research methodologies commonly used in the field of criminal justice.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3100 - Ethics in Criminal Justice (3 credits)
The course explores the complexities of the decisions and dilemmas facing Criminal Justice practitioners. The focus will be placed on the philosophical and practical approaches to solve ethical dilemmas within the complicated criminal justice system.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3110 - Theories of Criminal Behavior (3 credits)
The course focuses on the causes of crime and theories of criminal behavior, including biological, psychological and sociological theories. Students will explore recent developments in criminological theory and current issues in criminology.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3200 - Criminal Procedure & Evidence (3 credits)
This course introduces students to the fundamental nature of law, and gives them an overview of the general legal principles and the development of criminal law in the American society. The course will cover the legal aspects of police investigatory practices, criminal procedure, and constitutional cases as they relate to the criminal justice system. Special focus will be on U.S. Supreme Court and lower court cases setting out the requirements for arrest, search and seizure and confessions.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3210 - Organized Crime (3 credits)
The course examines the nature, extent, and social awareness of organized crime. It emphasizes the theoretical explanations of organized crime, and ethnic components of organized crime. It also explores the means being taken to combat crime in the U.S. and abroad.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3247 - Hip Hop Culture & Crime in America (3 credits)
This course is a critical approach to examining hip-hop's influence on criminal behavior. This course is designed to examine the historical, political, racial, economic and social impact of hip hop culture and its effects on crime and the criminal justice system.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3311 - Police Systems, Practices, and Administration (3 credits)
This course is a study of the administration of police agencies. It emphasizes the process, role, organization, and management of policing in the United States, and introduces students to the principles of organization, administration, and service in policing. The course will also provide a brief background to police administration in other countries. Students will gain an appreciation of the complex responsibilities associated with the administration of a police organization.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3315 - The American Judicial System (3 credits)
This course examines the role of the judiciary in the American Criminal Justice system. It looks at the structure of the courts, and the criminal procedure from charging through sentencing and appeal.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3320 - Juvenile Justice System and Delinquency (3 credits)
This course is a survey and analysis of the nature and extent of juvenile delinquency. Course examines the juvenile justice system and delinquency theories, with a close look at prevention, control, and treatment programs. Course will also review the history and philosophical background of corrections and place special emphasis on both institutional and community-based corrections in the criminal justice system.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3515 - Comparative Criminal Justice Systems (3 credits)
A survey of selected international criminal justice systems, including the police, courts, and correctional subsystems. Emphasis is placed on geographical, historical, and cultural perspectives that make the systems unique.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 3520 - Civil Rights and Civil Liberties (3 credits)
An examination of civil rights and civil liberties in the U.S. The course will analyze the Bill of Rights' guarantees of individual freedom, due process and equal protection interpretations, as well as modern policies flowing from civil rights legislation in areas affecting the criminal justice system.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4007 - Crime, the Media, and Justice in America (3 credits)
This course examines the intersection between contemporary issues in criminality and the mass media. The purpose of the course is to examine how the media reflects and shapes popular notions of crime, criminals and justice. Specifically, this course will address ways in which the media distort and exaggerate criminal acts and perpetrators. Further, media representations of individuals involved in the criminal justice system including law enforcement, offenders, and victims, will be analyzed.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4120 - Gender, Ethnicity, and Justice (3 credits)
The course examines gender and ethnicity with regard to criminal offending and victimization. Emphasis will be placed on the application of the criminological theory to explain variations in patterns of crime in relation to gender, ethnicity, race and class. In addition, the course will examine the policy implications of the current explanations.
Lecture Hours: 3 hours. Prerequisite: SOCI 1101 and SOCI 1160 with a C or higher. Cross-Listed as: SOCI 4130.

CRJU 4147 - Criminal Justice Report Writing (3 credits)
This course introduces students to the preparation of effective report writing in Criminal Justice agencies. Students are required to use basic sentence structure, including proper grammar, and punctuation, while they analyze facts and information from various cases and case studies. Students will also use agency specific vocabulary, and proper formatting as they prepare various reports relative to Corrections Law Enforcement, Juvenile Justice, Security, and The Courts. The use of field notes will also be covered. This is a Writing Intensive course.

Lecture Hours: 3 hours. Prerequisite: Completion of Area F.

CRJU 4220 - Family Violence and Abuse (3 credits)
An examination of the causes, consequences, prevalence of domestic violence and abuse, and law enforcement response.
Lecture Hours: 3 hours. Prerequisite: SOCI 1101 and SOCI 1160 with a C or higher. Cross-Listed as: SOCW 4220.

CRJU 4310 - White Collar and Cyber Crime (3 credits)
This course is designed to introduce students to the various types of crimes committed by corporations, government organizations, and individuals in positions of trust and responsibility. The course also examines the expanding evolution of white collar crime through computers and cyberspace and looks at legal issues in cyberspace.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4350 - Corrections and Community-Based Policing (3 credits)
The course covers the dual themes of problem solving and community/police collaboration and partnerships. A historical and philosophical perspective is presented with practical strategies to implement community policing.
Lecture Hours: 3 hours. Prerequisite: Completion of Area F CRJU courses.

CRJU 4351 - Police Community Relations (3 credits)
The course provides an understanding of the complex factors involved in human relations between the community and law enforcement officers. The police role and the nature, meaning, and implications of professionalism in policing are explored, in order to provide a better understanding of the necessity for a successful police-citizen partnership.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4410 - Contemporary Issues in Criminal Justice (3 credits)
This course will provide the student with an understanding of the evolution of the U.S. criminal justice system, specifically the antecedents of modern structures and practices of criminal justice, including the operation and administration of criminal justice. Emphasis will be placed on contemporary issues and trends relative to administration and management, as well as the purpose and structure of "alternative" or "community" applications. Topics may include probation, parole, community service, policing, legal issues and the effectiveness of alternative punishments and their growing role in the American criminal justice system.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4440 - Administration of Criminal Justice (3 credits)
This course discusses the nature and scope of major challenges administrators face in law enforcement, the court system, and correctional institutions. Students will examine and evaluate the various organizational frameworks and administrative patterns in the criminal justice system. Differences between public and private sector administration; organizational and administrative principles and practices; financial administration; role of technology; labor relations, and administrative models associated with traditional and contemporary criminal justice agencies will also be discussed and assessed.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4500 - Ecology of Crime (3 credits)
This course will focus on integrating ecological factors influencing opportunities for crime. Emphasis is placed on the distribution of crime in rural and urban settings.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4507 - Homeland Security (3 credits)
This course will provide students with the vocabulary, important components, agencies and historical events associated with Homeland Security. Students will explore various state, national, and international laws and investigative efforts that address and combat Homeland Security issues. Students will also examine various threats posed by natural and man-made disasters, as well as domestic and international terrorists groups, that disrupt the safety and security of the United States of America.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4550 - Terrorism (3 credits)
The course provides students with an opportunity to explore the phenomenon of terrorism by examining the political nature, and the theoretical underpinnings of domestic and international terrorism, along with the criminal justice response to homeland security.
Lecture Hours: 3 hours. Prerequisite: Completion of CRJU 1100 with a grade of 'C' or better..

CRJU 4660 - Emergency Management (3)
This course examines emergency management and how to understand the phenomena of natural and human-caused disasters. Students examine the historical context of emergency management, the general process of risk assessment, the emergency management cycle, communications within emergency management and crisis planning. An emphasis is placed on general policy and legal framework surrounding the process of emergency management in the United States with a focus on the National Incident Management System (NIMS). Students will also utilize major and historical catastrophes to explore contemporary and practical hazard management.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: CRJU 1100. Corequisite: N/A. Cross-Listed as: N/A.

CRJU 4930 - Criminal Justice Internship/Capstone (3 credits)
A field experience course in which a student integrates and applies knowledge from the critical core and related courses to the student's internship/field experience.
Lecture Hours: 3 hours. Prerequisite: Approval of Instructor/advisor.

CRJU 4999 - Criminal Justice Independent Study/Capstone (3 credits)
The Criminal Justice Capstone Independent Study is designed as an alternative to the internship course. Students enrolled in this course will engage in advanced scholarly research on a prevalent issue involving the criminal justice field.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Senior standing AND Approval of Department Chair or Criminal Justice Internship Coordinator.

CRWR - Creative Writing Curriculum

CRWR 1007 - Perspectives on Imaginative Writing (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to perspectives on imaginative writing. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will include readings from authors as well as essays and interviews on the writing process. The course offers an opportunity for students to apply critical thinking skills to the study of creative works, the inspiration for them, their formation, and their structure, and to gain experience in developing and presenting original arguments in oral forms.
Lecture Hours: 4 hours.

CRWR 2105 - Introduction to Creative Writing (3 credits)
This introduction to the problems and processes of writing poetry and short fiction emphasizes individual manuscripts in a workshop setting. Students will critique their classmates' work, and analyze the work of established writers.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H.

CRWR 3040 - Intermediate Fiction Writing (3 credits)
A study of narrative technique in the contemporary short story. Students will examine the short story using models from classic and/or contemporary fiction writers, and they will produce their own work. In workshop format, they will critique each other's prose in class.
Lecture Hours: 3 hours. Prerequisite: At least a B in CRWR 2105.

CRWR 3050 - Intermediate Poetry Writing (3 credits)
This course will develop beyond the introductory level the student's ability to write lyric poems, with an emphasis on diction, imagery, the line, and the stanza.
Lecture Hours: 3 hours. Prerequisite: At least a B in CRWR 2105.

CRWR 3700 - Intermediate Creative Nonfiction Writing (3 credits)
A study of narrative technique in creative nonfiction. Students will examine classic and/or contemporary models of creative nonfiction, which may include autobiography, memoir, new journalism, nature writing, literary travel writing, and/or the nonfiction novel. Students will produce original works of creative nonfiction and critique each other's writing in workshop format.
Lecture Hours: 3 hours. Prerequisite: At least a C in CRWR 2105.

CRWR 3800 - Playwriting (3 credits)
This course is an introduction to the craft of playwriting. The approach will include analysis of works of significant playwrights and a creative writing curriculum where the student demonstrates the process of the playwriting through the creation of short plays.
Lecture Hours: 3 hours. Prerequisite: At least a B in CRWR 2105.

CRWR 4040 - Advanced Fiction Writing (3 credits)
CRWR 4040 is an intense workshop in the narrative technique of the contemporary short story. Students will build on what they learned in CRWR 3040 and will produce and critique their own creative work in class.
Lecture Hours: 3 hours. Prerequisite: At least a B in CRWR 3040.

CRWR 4050 - Advanced Poetry Writing (3 credits)
This course will further develop the student's ability to write lyric poems, with an emphasis on diction, imagery, the line, the stanza, and the use of traditional forms like the sonnet, the sestina, the villanelle, and the ghazal.
Lecture Hours: 3 hours. Prerequisite: At least a B in CRWR 3050.

CRWR 4440 - Screenwriting (3 credits)
This is an upper division new media course with an emphasis on writing for film. Each student will create one short film script and one feature length screenplay. Students will learn about dramatic principles and storytelling approaches.
Lecture Hours: 3 hours. Prerequisite: At least a "C" in CRWR 2105. Cross-Listed as: NMAC 4440.

CRWR 4700 - Advanced Creative Nonfiction Writing (3 Credits)
An intensive workshop in creative nonfiction. Students will build on what they learned in CRWR 3700, produce a portfolio of advanced creative nonfiction, and critique each other's work.
Lecture Hours: 3 . Prerequisite: At least a "C" in CRWR 3700.

CSCI - Computer Science

CSCI 1301 - Computer Science I (3 credits)
The course includes an overview of computers and programming; problem solving and algorithm development; simple data types; arithmetic and logic operators; selection structures; repetition structures; text files; arrays (one-and-two-dimensional); procedural abstraction and software design; modular programming (including subprograms or the equivalent).
Lecture Hours: 3 hours. Prerequisite: At least a C in MATH 1111.

CSCI 1302 - Computer Science II (3 credits)
The course includes an overview of abstract data types (ADTs); arrays (multi-dimensional) and records; sets and strings; binary files; searching and sorting; introductory algorithm analysis (including Big-O); recursion; pointers and linked lists; software engineering concepts; dynamic data structures (stacks, queues, trees).
Lecture Hours: 3 hours. Prerequisite: At least a C in CSCI 1301.

CSCI 2201 - Principles of Programming Languages (3)
This course introduces fundamental concepts of programming languages. Topics include values, variables, data types, type systems, control structures, exceptions, basic data structures, recursion, objects and classes. In addition, students will learn how to evaluate and choose a programming language for a given task and to adapt to a new programming language.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1301.

CSCI 2205 - Introduction to Data Structures and Algorithms (3)
This course introduces basic data structures and algorithms. Topics include algorithm analysis, Big-O notation, various sorting and searching algorithms, linked lists, stacks and queues, recursion, binary search trees, heaps, and hash tables. In addition, students will learn how to analyze the complexity of algorithms and choose appropriate algorithms to solve a given software problem.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1301.

CSCI 2207 - Ethics in Computer Science (3)
This course provides students with a chance to reflect on the humanitarian, social, and professional impact of computer science technology by focusing on ethical issues faced by and brought about by professionals. Topics include networked communications, intellectual property, privacy, security, reliability, and liability. It also focuses on ethical issues that might be raised by the possible emergence of highly intelligent machines.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 2300 - Experiential Learning in CS (3)
The purpose of this course is to engage students to think critically and creatively within an experiential learning environment, deepening learning and intensifying the educational impact of the experience in computer science. This course is a hands-on work or service opportunity within a professional setting under which the student is guided and supervised by a faculty. It is an opportunity for students to test drive a potential career, acquire marketable skills for high-demand careers, and learn about the day-to-day obligations of the professional work environment.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 3235 - Human Computer Interaction (3)
This course covers the scientific principles, HCI design methodology, and the user-interface technology that are used in the HCI implementation. Topics include human cognition, HCI theories, user observation, task analysis, prototyping, evaluation techniques, user interface modalities, graphical user interface components, and accessibility.
Lecture Hours: 3. Lab Hours: 0.

CSCI 3245 - Database Principles (3)
This course covers the basic principles and practices behind the modern database management system including: the models and methodologies that enable us to analyze and design data systems; the logical concepts that stand behind good database design; and the functional components of the DBMS and how they work together to bring about the management of data.
Lecture Hours: 3. Lab Hours: 0.

CSCI 3250 - Software Engineering (3)
In this course, students are introduced to the basic principles of software engineering. The course focuses on the issues, methods and tools applied at every phase of the iterative development life cycle spanning from the conception of the actual requirements, through the analysis, design, development, testing, deployment and maintenance of the software product. Other subjects include project management and quality assurance.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1301.

CSCI 3251 - Object-Oriented Programming (3)
This course focuses on the principles and practices of object-oriented programming. Topics include arrays, lists, objects and classes, abstraction, encapsulation, inheritance, polymorphism, exception handling, recursion, and common data structures. In addition, students will learn how to apply software design and development techniques to solve a given problem.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 3265 - Operating Systems (3)
This course addresses the fundamental principles and functions of modern operating systems. Topics will include process management, threads, scheduling, deadlocks, memory management, storage management, input/output, protection and security, multiple processor systems, and distributed systems.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4230 - Graphic Imaging (3)
This course will examine industry techniques for providing an effective presentation of graphic images. The students will also survey tools that are used for production. Students will be provided with the necessary background to pursue a course of study in graphic design and digital media development. Completed projects can be used for desktop publishing projects, authoring, and web-based delivery applications.
Lecture Hours: 3. Lab Hours: 0.

CSCI 4237 - 3D Modeling and Animation (3)
This course explores the theory and application of 3D geometric model generation and animation. Topics include polygonal modeling, skeleton, skinning, inverse kinematics, rigging, lights and effects, mesh and non-uniform rational B-spline modeling, textures, and subdivision and levels of model detail. Students will be required to develop and animate a complex 3D model.
Lecture Hours: 3. Lab Hours: 0.

CSCI 4238 - 2D Computer Animation (3)
This course will examine 2D computer animation techniques using a popular industry-standard tool such as Flash. Emphasis will be on developing animations for use in interactive environments and the Web. Other topics include storyboarding, deconstruction, and vector graphic design.
Lecture Hours: 3. Lab Hours: 0.

CSCI 4250 - Computational Intelligence (3)
This course introduces the fundamental principles, algorithmic framework, and techniques in computational intelligence used to solve various challenging problems in game playing, data analytics, vision and robotics. Topics will include knowledge representation, decision making, machine learning, data analytics, searching and planning, and various intelligent applications.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4255 - Game Design and Development (3)
An introduction to the technologies and practices underlying computer and console game development and principles involved in effective game design and production. Topics include computer game graphics, sound and studio, level design, principles of game play, interactive storytelling, character control and artificial intelligence, user interface design.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a “C” in each of the following: CSCI 1302, and CSCI 3235.

CSCI 4264 - Data Structures and Algorithm Analysis (3)
This course addresses different data structures and their associated algorithms commonly used in software systems, including their design, analysis, and implementation. Topics will include abstract data types, arrays, lists, queues, stacks, recursions, generic programming, hash tables, heaps, trees, graphs, sorting, searching, linked structure, and path finding.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4270 - Robot Programming (3)
This course introduces the programming fundamentals of autonomous robots. Cognitive behavior and motion are focused. The goal is to program for solving problems using sensor inputs, and controlling movement of simple robots.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4361 - Software Security (3)
This course covers fundamental principles and best practices of software security. The focus is on understanding foundations of cryptography, access control, and secure protocols, common security risks of software, and secure modern web applications development and deployment. Topics will include cryptography, authentication, authorization, security protocols, software flaws and malware, SQL injection, HTML injection, cross-site scripting, and security auditing.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4362 - Computer Architecture (3)
This course covers the organization and architecture of computer systems hardware; instruction set architecture; addressing modes; register transfer notation; processor design and computer arithmetic; memory systems; hardware implementations of virtual memory, and input/output control and devices. Students will also learn system-level programming and apply their knowledge of computer architectures to programming for performance and security.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4365 - Software Testing and Quality Assurance (3)
This course introduces various topics of software testing and quality assurance with an emphasis on the important role of testing in the software development life cycle. Topics include commonly used software testing strategies, testing techniques, software inspection, quality models and measures, quality assurance, defect prevention and process improvement, and so on.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302 and CSCI 3250.

CSCI 4451 - Introduction to HCI Design (3)
This course focuses on the fundamental methods and principles for designing, implementing, and validating user interfaces. Topics include user-centered design, storytelling and rapid prototyping, validation techniques, visual design, graphical design fundamentals, social software, and software tools.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4452 - HCI Methods – Design and Evaluation (3)
This course focuses on the design and evaluation methods human-computer interaction (HCI). It introduces tools, techniques, and sources of information about HCI and provides a systematic approach to design. Students will learn how to identify good and bad design through observation of existing technology by using the basic skills of task analysis and empirical evaluation methods.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4453 - Web Application Design (3)
This course focuses on the foundational knowledge of designing and implementing responsive and user-friendly web application. It introduces tools, techniques, and sources of information about web design and provides the best practices of designing interactive web application. Students will learn how to design web application based on the best practices and implement using commonly used web development tools and techniques.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4454 - Human Robot Interaction (3)
This course focuses on the emerging and multidisciplinary field of human-robot interaction (HRI). It provides a broad overview of the field and introduces the basic concepts, principles and ideas of HRI. It also explores the roles that robots may play in our society and investigates the real-world application areas including learning, healthcare, personal assistants, industry, and transportation.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in CSCI 1302.

CSCI 4750 - Senior Capstone (3)
Integrating their skills and knowledge accumulated/acquired throughout the Computer Science program, students (usually in teams of three to five members) will analyze, design, develop, implement, and assess an information system.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in all of the following: CSCI 3250, CSCI 3235.

DATA - Data Science

DATA 3355 - Data Mining (3)
The course provides an introduction to concepts behind data mining, machine learning, text mining and web mining. Topics include data mining techniques such as classification, regression, association rules, cluster analysis, and recommendation systems used for processes of managing, analyzing, exploring and visualizing Big Data.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

DATA 3502 - Data Architecture (3)
This course covers rules, models, policies, and standards that govern the type of data collected and managed within an organization. It emphasizes the tasks of data architects/data managers, i.e., reviewing and analyzing organizational data infrastructure and future databases and the implementation of solutions to store and manage data for organizations and their users.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

DATA 3505 - Data Management (3)
This course covers general principles and concepts in data management and practices with the tools and knowledge for data architects/data managers to manage data effectively. It emphasizes strategies for working with data, organizing research data, and sharing your data securely, and effectively.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

DATA 3508 - Data-driven Decision Making (3)
This course emphasizes the role of data architects/data managers in using various tools and techniques to collect, analyze, and interpret data for effective decision-making.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

ECON - Economics

ECON 1101 - Survey of Economics (3 credits)
This course introduces basic concepts of microeconomics and macroeconomics including an analysis of the production of distribution of goods and services in our economic system. Microeconomics topics include supply and demand, optimizing behavior of consumers and producers, market structures and performance, and effects of government intervention. Macroeconomics topics include measuring and explaining aggregate economic activity, monetary economics, fiscal and monetary policies, and international trade. Students majoring in business cannot receive credit for both ECON 1101 and ECON 2105/ECON 2106.
Lecture Hours: 3 hours.

ECON 2105 - Principles of Macroeconomics (3 credits)
This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies.
Lecture Hours: 3 hours.

ECON 2105H - HONORS Principles of Macroeconomics (3 credits)
This is an honors course in principles of economics intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies.
Lecture Hours: 3 hours. Prerequisite: Admission to the Honors Program .

ECON 2106 - Principles of Microeconomics (3 credits)
This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze structure and performance of the market economy.
Lecture Hours: 3 hours. Prerequisite: Area A Math.

ECON 2106H - Honors Principles of Microeconomics (3 credits)
This is an honors course in principles of economics intended to introduce students to concepts that will enable them to understand and analyze structure and performance of the market economy.
Lecture Hours: 3 hours. Prerequisite: Admission to the Honors Program and an Area A Math.

ECON 3105 - Money, Banking, and Financial Markets (3 credits)
This course is a study of monetary and financial instruments, institutions, and markets from the perspective of theory, practice, and policy. Topics include the types and functions of money, financial markets, financial and banking systems, the Federal Reserve System, and monetary theory.
Lecture Hours: 3 hours. Prerequisite: ECON 2105 or ECON 2105H and ECON 2106 or ECON 2016H.

ECON 3106 - Managerial Economics (3 credits)
Managerial Economics deals with the study and application of decision making in business and managerial environments. The student will develop an understanding of intermediate microeconomic theory and learn to use economic reasoning in a prescriptive manner.
Lecture Hours: 3 hours. Prerequisite: ECON 2105 or ECON 2105H and ECON 2106 or ECON 2016H.

ECON 3175 - International Economics (3 credits)
This is an analysis of fundamental economic principles, institutions, and governmental policies that determine the economic relations between nations under conditions of increasing global interdependence.
Lecture Hours: 3 hours. Prerequisite: ECON 2105 and ECON 2106.

ECON 4110 - Applied Data Analysis (3 hours)
This class is an overview of quantitative and qualitative data analysis. Special emphasis is placed on thinking statistically, evaluating assumptions, and developing practical skills for real-life applications in business. Students taking this class will learn how to use statistical tools in Excel, which should provide them with a practical training in analyzing business data. Topics include Probability & Probability Distributions, Hypothesis Testing, Regression Analysis, and Time Series Analysis & Forecasting..
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: MGMT 3101 - Business Statistics.

ECON 4505 - Special Topics (1 - 3 credits)
This is a customized course under the direction of a faculty sponsor that meets special needs of students and/or the community. It is designed to offer students an opportunity to study at a level or on topics not covered in regularly scheduled courses.
Lecture Hours: 3 hours. Prerequisite: Approval of School Dean.

EDUC - Education

EDUC 2008 - Foundations of Mathematics for Elementary Teachers (3)
This course is essential in developing the mathematical competency of the prospective teacher at the elementary level. Using a problem solving approach, students will develop a comprehensive understanding of the mathematical curriculum recommended by the NCTM (National Council of Teachers of Mathematics). Topics include historical development of numbers and number systems, study of whole numbers, integers, rationals, irrationals, and reals; abstract number systems; and elementary number theory.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in MATH 1001, MATH 1101, or MATH 1111.

EDUC 2110 - Investigating Critical & Contemporary Issues in Education (3 credits)
This course engages pre-service teacher candidates in observations, interactions, and analyses of critical and contemporary educational issues. Pre-services candidates will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Pre-service candidates will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy. A 10-hour field component is required.
Lecture Hours: 3 hours.

EDUC 2120 - Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts (3 credits)
Given the rapidly changing demographics in the state and the country, this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity, and 4) the influences of culture on learning, development, and pedagogy. A 10-hour field component is required.
Lecture Hours: 3 hours.

EDUC 2130 - Exploring Learning and Teaching (3 credits)
Pre-services teacher candidates will explore key aspects of learning and teaching through examining their own learning processes and those of others, with the goal of applying the knowledge to enhance the learning of all students in a variety of educational settings and contexts. A 10-hour field component is required.
Lecture Hours: 3 hours.

EDUC 3100 - Reading in Multiple Literacies (3 credits)
A study of the many ways adolescents read, write, speak and make meaning that are varied, contextual, and part of communities, families, and ways of life. This course takes up a range of perspectives on literacy--cognitive, socio-cultural, technological and critical perspectives of multiple literacies. This course is aligned with state and national standards.
Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Secondary Education Program.

EDUC 3120 - Practicum I (3 credits)
In this semester-long course teacher candidates will become familiar with the middle school environment, working with students and parents, and collaborating with other professionals in the learning community. Teacher candidates will work in 6^{th}-8^{th} grade classroom assisting the cooperating teacher and students with instructional procedures and routines. In collaboration with their cooperating teachers, university supervisors, and course professors, teacher candidates will design and implement instructional projects that unite theory and practice. Teacher candidates will also attend regularly scheduled seminars on related topics throughout the semester. This course is aligned with state and national standards. The use of technology is required.

Lecture Hours: 3 hours. Prerequisite: Formal admission into the Bachelor of Science in Secondary Education Program.

EDUC 3130 - Practicum II (3 credits)
In this semester-long course teacher candidates are provided the opportunity to become familiar with the high school environment (9^{th}-12^{th} grade). In collaboration with their cooperating teachers, university supervisors, and course professors, teacher candidates will learn to plan and implement instruction and to design assessments based on the current state standards. Teacher candidates will also attend regularly scheduled seminars on related topics throughout the semester. This course is aligned with state and national standards. The use of technology is required.
Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Secondary Education Program and pass program checkpoints.

EDUC 3520 - Classroom Management (2 Credits)
This course will allow candidates to explore best practices in classroom management and student behavior modification. Candidates will research methods and develop plans to manage modern students with positivity, caring, inclusivity, and equity. Candidates will critique current theory in classroom management, and develop plans to apply theory to their own field experiences and future classrooms. Candidates will deeply consider their own schema and perspectives by experiencing a series of real-life scenarios taken from actual classroom situations. Candidates will develop a thorough, detailed classroom management plan and a digital database of methods and strategies.
Lecture Hours: 2. Lab Hours: 0. Prerequisite: Admission into the Certification Track.

EDUC 4100 - Integrated Secondary Curriculum and Instruction (3 credits)
This course will provide practical knowledge of maximizing student learning in the content areas and meeting the needs of all students across the curriculum. Assignments will reflect knowledge, understanding and usage of major concepts, principles, theories, and research related to the development of adolescents as well as the ability to construct learning opportunities that support individual students' development, acquisition of knowledge, and motivation. This includes reading, writing, and oral language, and utilizing communication to foster collaboration. This course meets state and national standards.
Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Secondary Education Program and pass program checkpoints.

EDUC 4110 - Instructional Technology for Teachers (2 credits)
This course provides an overview of systematic planning, development, and evaluation of media-rich classroom instruction. Best practices collecting, summarizing, analyzing and applying assessment data to classroom improvement with techniques for organization and participation in a grade-level or school-wide collaborative team. This course is aligned with state and national requirements.
Lecture Hours: 2 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Secondary Education Program and pass program checkpoints.

EDUC 4120 - Integrated Secondary Curriculum, Instruction, and Assessment (3 credits)
This course introduces the candidate to planning and applying evidence-based instruction and assessment with the fundamental concepts of diversity, equity, and inclusion. Particular focus will be on making instructional decisions to facilitate differentiation and communicating assessment results to students, parents, and other educators. The use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Secondary Education Program and pass program checkpoints.

EDUC 4130 - Methods in Content Area (4 credits)
This course provides a foundational understanding of instructional strategies needed to teach content in the secondary classroom. Emphasis will be placed on teaching prospective teacher candidates about designing effective instructional plans, facilitating student learning, selecting authentic assessment for data-driven decision making, and reflecting on the relationship between educational theory and the practical aspects of teaching in the secondary classroom.
New Description:
This course provides a foundational understanding of instructional strategies needed to teach content in the secondary classroom. Emphasis will be placed on teaching prospective teacher candidates about designing effective instructional plans, facilitating student learning, selecting authentic assessment for data-driven decision making, and reflecting on the relationship between educational theory and the practical aspects of teaching in the secondary classroom. **This course requires a 15 hour practicum experience to provide hands-on experience in the 6-12 grade classroom.**

Lecture Hours: 4 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Secondary Education Program and pass program checkpoints.

EDUC 4140 - Practicum (3 credits)

This field-based semester-long course is designed to give the teacher candidate field experiences in the appropriate P-12 (PK-2, 3-5, 6-8, and 9-12) or Secondary (6-8 and 9-12) classroom settings where they will have the opportunity to develop and demonstrate competence in the professional roles and dispositions required of lead teachers. Candidates will study and apply pedagogical content knowledge grounded in research-based best practices in the design, implementation, and evaluation of instruction specific to their area of concentration to meet the diverse needs of all learners. The most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester in which the teacher candidate will be engaged in: curriculum design; determining and adapting appropriate methods to classroom instruction; fostering critical thinking skills; meeting district and state standards; the use of technology in enhancing student learning. Candidates will also attend seminars on related topics throughout the semester and attain instruction with the infusion of diversity, equity, and inclusive principles. This course is aligned with state and national standards. The use of technology is required.
Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the certification track and pass program checkpoints.

EDUC 4150 - Clinical (9 credits)
This field-based semester-long culminating experience is designed to give the teacher candidate intensive and extensive practice in which they are fully immersed in the appropriate P-12 (PK-2, 3-5, 6-8, and 9-12) or Secondary (6-8 and 9-12) classroom settings. Candidates will apply pedagogical content knowledge grounded in research-based best practice in the design, implementation, and evaluation of instruction specific to their area of concentration to meet the diverse needs of all learners. The most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester in which the teacher candidate will be engaged in: curriculum design; determining and adapting appropriate methods to classroom instruction; fostering critical thinking skills; meeting district and state standards; the use of technology in enhancing student learning. Candidates will also attend seminars on related topics throughout the semester and attain instruction with the infusion of diversity, equity, and inclusive principles. This course is aligned with state and national standards. The use of technology is required.
Lecture Hours: 9 hours. Prerequisite: Formal acceptance into the certification track and pass program checkpoints..

EDUC 4300 - Intensive edTPA Retake (3 credits)
This field-based course is a supervised clinical experience in an approved instructional setting. edTPA Retake will offer teacher candidates additional opportunities to practice and refine teaching skills and for faculty and teacher candidates to engage in reflective dialogue about teacher candidate strengths, as well as areas for improvement. Additionally, edTPA Retake allows teacher candidates to continue to analyze and reflect on teaching effectiveness and apply what they have learned in their preparation programs. Note: All artifacts and commentaries included in a retake must reflect new planning, instructing and/or assessing for student learning, and must not have been previously submitted to edTPA. Revised or edited versions of previously submitted artifacts and commentaries may not be submitted with one exception: when retaking any portion of edTPA, if the teacher candidate can teach the same group of students, the same context information about that group of students may be resubmitted. (SCALE, 2013, p. 1) A faculty member will maintain close supervision of undergraduate teacher candidate during the clinical experience.
NOTE: This course is non-transferable to baccalaureate programs.
Lecture Hours: 3 hours. Prerequisite: Permission of the Dean of the School of Education and Behavioral Science and hold a valid Pre-Service Certificate.

ENGL - English

ENGL 1101 - English Composition I (3 credits)
This is a composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills. Satisfactory placement test score or successful completion of Learning Support English and Reading are required prior to admission to this course.
Lecture Hours: 3 hours.

ENGL 1102 - English Composition II (3 credits)
This is a composition course that develops writing skills beyond the level of proficiency required by ENGL 1101, that emphasizes interpretation and evaluation based on an introduction to fiction, drama, and poetry, and that incorporates a variety of more advanced research methods. An oral communication component may also be required.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1101.

ENGL 1102H - Honors English Composition II (3 credits)
This is an honors composition course that develops writing skills beyond the level of proficiency required by ENGL 1101, that emphasizes interpretation and evaluation based on an introduction to fiction, drama, and poetry, and that incorporates a variety of more advanced research methods. An oral communication component may also be required. This course is for the superior student, and admission is by invitation of the English faculty to selected students who have been admitted to the Honors Program.
Lecture Hours: 3 hours. Prerequisite: At least a "B" in ENGL 1101 and admission to the Honors Program.

ENGL 2111 - World Literature I (3 credits)
This is a survey of important works of world literature from the beginning through the 17th century.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 2111H - Honors World Literature I (3 credits)
This is a study of world literature from ancient times through the mid-seventeeth century. Special emphasis will be placed on understanding the historical and cultural context behind the texts examined. Required is a substantial end-of-semester research project on an appropriate topic. This course is for the superior student, and admission is by invitation of the Honors Program.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102 or ENGL 1102H and admission to the Honors Program.

ENGL 2112 - World Literature II (3 credits)
This is a survey of important works of world literature from the mid--seventeenth century to the present.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 2121 - British Literature I (3 credits)
This is a survey of important works of British literature from the Old English period through the neoclassical age.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 2122 - British Literature II (3 credits)
This is a survey of important works of British literature from the Romantic era to the present.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 2131 - American Literature I (3 credits)
This is a study of American literature from its beginning to the Civil War.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 2131H - Honors American Literature I (3 credits)
This is a study of American literature from the beginning to the Civil War. Special emphasis will be placed on understanding the historical and cultural context behind the texts examined. Required is a substantial end-of-semester research project on an appropriate topic. This course is for the superior student, and admission is by invitation of the Honors Program.

Lecture Hours: 3 hours. Prerequisite: ENGL 1102 or ENGL 1102H and admission to the Honors Program.

ENGL 2132 - American Literature II (3 credits)
This is a study of American literature from the Civil War to the present.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 2132H - Honors American Literature II (3 credits)
This is a study of American literature from the Civil War to the present. Special emphasis will be placed on understanding the historical and cultural context behind the texts examined. Required is a substantial end-of-semester research project on an appropriate topic. This course is for the superior student, and admission is by invitation of the Honors Program.

Lecture Hours: 3 hours. Prerequisite: ENGL 1102 or ENGL 1102H and admission to the Honors Program.

ENGL 2141 - African American Literature I (3 credits)
The course is designed to introduce students to various forms of literature from the Black Experience. The course will survey ideas and themes in writings, music, and film from the 1700s to the 1920s.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 2142 - African American Literature II (3 credits)
This is a survey of important African American literature from 1920 to the present.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 2208 - Technical Communication (3 credits)
Introduction to technical writing including memoranda formal reports, and proposals. Oral presentation and hypermedia production components may be required.
Lecture Hours: 3 hours.

ENGL 2999 - Special Topics in Literature (3 credits)
This course focuses on a specific theme, culture, or genre from a literary perspective. Topics will be announced when the course is offered. May not be repeated for credit.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 3000 - History of Linguistics (3 credits)
Survey of the origins of language study in the ancient world and from the seventeenth century in Europe; concentration on the development of linguistics and linguistic theory from the late nineteenth century to the present. Focus on generative-transformational grammar and alternatives of the late twentieth and early twenty-first centuries.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 3010 - Gateway to Literary Studies (3 credits)
This course builds critical reading, writing, and research skills. Students will conduct literary research, read and interpret literary texts, and write literary criticism.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H.

ENGL 3020 - Introduction to Composition Studies (3 credits)
This is a study of how to apply theory to the teaching of composition. In this course, students devise assignments, conduct class sessions, write essays, and respond to academic writing.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3100 - Old English Language and Culture (3 credits)
This course is an introduction to Old English, the Germanic language spoken by Anglo-Saxons in Britain, and its literature from 449 to 1100. It is designed to give English majors exposure to the language that influenced numerous poets and writers in England from Shakespeare and Milton to T.S. Eliot, Ezra Pound, and Seamus Heaney. In this course, we will study Old English grammar and translate Old English prose and poetry. To place translation activities within the larger context of culture, we will work with various forms of media to study medieval imagination as revealed in illuminated manuscripts, archaeology, music, and writing.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3106 - Professional Writing and Communication (3 credits)
The course emphasizes the importance of effective communication in the workplace. Students will learn and demonstrate skills through written and oral exercises, assignments, and projects, such as letters, memos, and reports.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102; at least a C in ITEC 2201.

ENGL 3110 - Middle English Language and Culture (3 credits)
This is a study of English literature from approximately 1100 to 1485, including a study of medieval phonology, morphology, and syntax. Writers covered include such masters of Middle English literature of the fourteenth century as William Langland, the "Pearl Poet," the female mystics, and Thomas Malory.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 3120 - Myth and Folklore for Literary Studies (3 credits)
This course exposes students to the mythology and folklore informing English literature. Topics may include Greek, Norse, and Celtic mythology, Biblical texts, and European folktales.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 3130 - Studies in Short Fiction (3 credits)
This is a study of the development of the short story as a distinct literary form, examining the aesthetic, philosophical, and social concerns that inform selected works from the nineteenth and twentieth centuries. The course may focus on representative American, British, and/or non-Western short stories.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 3140 - American Realism and Naturalism (3 credits)
This is a study of selected works in American Realism and Naturalism. The historical and cultural context giving rise to Realism and Naturalism as literary movements in America will be addressed.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 3200 - Chaucer (3 credits)
This is a study of Chaucer's two masterpieces, The Canterbury Tales and Criseyde, and minor poetry. This course includes an in-depth study of Chaucer's culture, context, and language.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3300 - Literature of the English Renaissance (3 credits)
This is a study of representative literary works from the period 1485-1669. Topics include the rise of the sonnet, the Metaphysical and Neoclassical poetic schools, the growth of English prose, and non-Shakespearean drama.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3400 - 17th and 18th Century American Poetry and Prose (3 credits)
This is a study of the responses of American novelists, poets, and prose writers to the issues of these centuries, with attention to characteristic themes, genres, and stylistic features.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3500 - 19th Century American Poetry and Prose (3 credits)
This is a study of the responses of American novelists, poets, and prose writers to the issues of this century, with attention to characteristic themes, genres, and stylistic features.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3600 - 20th Century American Poetry and Prose (3 credits)
This is a study of the responses of American novelists, poets, and prose writers to the issues of this century, with attention to character, themes, genres, and stylistic features.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3700 - Studies in the Novel (3 credits)
This is a study of the origins and development of the novel as a distinct literary form, examining the aesthetic, philosophical, and social concerns that inform selected works from the eighteenth, nineteenth, and twentieth centuries. The course focuses on representative American and British novels.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 3800 - Studies in Poetry (3 credits)
This is a study of selected American and British poetry in the context of technological developments, philosophical movements, and literary currents. The course explores the forms and themes of poetry with emphasis on prosody and interpretation.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3900 - Studies in Modern Drama (3 credits)
This is a study of European and American drama in the nineteenth and twentieth centuries. The course explores the development of drama in its social, political, and psychological contexts.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010. Corequisite: ENGL 3010.

ENGL 3990 - English On-Campus Internship (3 credits)
This is an on-campus internship designed to provide students with an opportunity to apply their academic training by working in an appropriate position on campus. Arrangements for internships must be made by the student a semester in advance of the internship. The internship must be approved by the Department of English.
Lecture Hours: 3 hours. Prerequisite: At least a B in ENGL 3010 or permission of instructor.

ENGL 3991 - English Off-Campus Internship (3 credits)
This is an off-campus internship designed to provide students with an opportunity to apply their academic training by working in an appropriate position with an off campus organization, business, or firm. Arrangements for internships must be made by the student a semester in advance of the internship. The internship must be approved by the Department of English.
Lecture Hours: 3 hours. Prerequisite: At least a B in ENGL 3010 or permission of instructor.

ENGL 3999 - Special Topics (3 credits)
This is an intensive study of a significant topic in language and literature not otherwise covered in course offerings.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H.

ENGL 4000 - Rhetoric (3 credits)
This is a study of the history of rhetoric from Aristotle to the present with emphasis on rhetorical analysis of literature and other forms of discourse.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4020 - Advanced Grammar (3 credits)
This is a study of current approaches to grammar, including transformational-generative grammar, phonology, morphology, and syntax.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4030 - Advanced Composition (3 credits)
This is an advanced study of expository and argumentative techniques.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4100 - Shakespeare (3 credits)
This is a study of selected Shakespearean tragedies, comedies, and history plays illustrating representative themes and literary techniques of the dramatist, as well as his links to contemporary issues of the day.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4106 - Technical Writing in the Digital Age (3 credits)
This course provides study of principles and strategies for researching, planning, composing, and revising technical documents in the digital age. This course promotes effective use of language, as well as analysis of purpose and audience across disciplines and workplace environments. Students develop rhetorical and document design strategies to craft succinct and readable documents in a variety of genres and delivery platforms.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102.

ENGL 4110 - English Drama 1558-1642 (3 credits)
This course enables students to build upon existing knowledge and develop a more complete understanding of British Renaissance drama through the study of plays written by Shakespeare's contemporaries. Students will become familiar with the rise of diverse theatrical institutions, range of dramatic genres, origins and practices of theatrical production, and the role of composition and printing practices.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4130 - 17th Century British Poetry and Poetics (3 credits)
This course examines major seventeenth-century poets (excluding Milton), concentrating on their redefinitions of genre and sources and their interaction with major religious and political trends. Poets examined may include such writers as Donne, Herbert, Jonson, Herrick, Marvell, Layner, and Vaughn.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4150 - Studies in Caribbean Literature (3 credits)
This is a study of Anglophone Caribbean literature, as well as literature in translation from the French- and Spanish-speaking Caribbean regions. The course will introduce theoretical and critical strategies that are offered by intellectuals and practitioners from the different geographical regions of the Caribbean, as a context for understanding the literary texts.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4160 - Studies in African Literature (3 credits)
This is a study of selected topics in areas of literature, performance texts, film and other media produced in Africa. Some emphasis on critical theory from an African perspective will be included in the course offering. Attention will be directed to the social, cultural, political and historical contexts of the work.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4200 - Milton (3 credits)
This is a study in Milton's early lyric poetry, Paradise Lost, Samson Agonistes, Areopagitica, and the divorce and monarchy tracts.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4300 - 18th Century British Poetry and Prose (3 credits)
This is a study of British poetry and prose from 1690 to 1784, with an emphasis on the philosophic and aesthetic concerns of the age. Authors include but are not limited to Swift, Pope, Johnson, and Fielding.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4400 - 19th Century British Poetry and Prose (3 credits)
This is a study of the literary culture of the nineteenth century, including examinations of the works and contexts of the major figures in Romantic and Victorian literature. This course includes an examination of the responses of novelists, poets, and prose writers to the issues of the century.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4405 - English Romanticism (3 credits)
This course provides intensive exploration of the characteristic features of British Romanticism established between 1780 and 1832, with attention to such canonical writers as Blake, Wordsworth, Coleridge, Keats, and Percy Shelley, but also including both canonical and lesser known Romantic writings from the period and beyond.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4410 - Literature for the Adolescent (3 credits)
This is a survey of various types of literature that are appropriate for the middle grades. Some attention will also be given to selecting, evaluating, and presenting works.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4415 - Major Authors Seminar (3 credits)
This course provides an intensive study of the works of a major canonical writer or related writers of British or American literature, examining a trajectory of development over some portion of the writer(s)'s literary output. Major writers include such eminent figures as Mark Twain, Charles Dickens, T.S. Eliot, or Flannery O'Connor, for example. Specific authors for each offering will be published well before registration.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4420 - Modern European Literature in Translation (3 credits)
This is a study of canonical works in post-Renaissance European Literature in translation (exclusive of works written originally in English). The course examines writers of such stature as Goethe, Flaubert, Kafka, Dostoyevsky, Ibsen, Lorca, and Proust.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4430 - Topics in World Literature (3 credits)
This is an intensive study of significant topics in World literature outside of the British and American traditions.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4440 - Literature by Women (3 credits)
This is a study of literature written by women within its social, historical, and theoretical contexts. Topics include Renaissance and medieval women writers, nineteenth century novels by women, feminist theory and criticism, and contemporary poetry by women.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4450 - Literature of the Harlem Renaissance (3 credits)
This is a study of the literature of the Harlem Renaissance in the context of the social, political, and historical issues affecting that literature.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4460 - Southern Literature (3 credits)
This is a study of Southern literature in its distinctive social and aesthetic contexts.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4470 - Contemporary Literature (3 credits)
This is a study of American fiction and poetry since World War II as it relates to literary traditions and cultural movements.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4490 - African American Literature (3 credits)
This is a study of African American literature, with emphasis on historical, philosophical, and cultural contexts. Topics include the oral tradition, autobiographies, the Harlem renaissance, and literary criticism and theory.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4500 - 20th Century British Poetry and Prose (3 credits)
This is a study of works by major figures in modern and contemporary literature. The course examines the responses of novelists, poets, and prose writers to the issues of the century.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4600 - History of the English Language (3 credits)
This is a study of the English language from its beginnings in the fifth and sixth centuries to its worldwide expansion in the twentieth century. The course examines the chronological development of language from Old to Middle to modern English, including phonetic, syntactic, and lexical changes.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4700 - Topics in Literary Theory (3 credits)
This is a study of the major currents and models in modern critical and literary theory, their basic concepts, philosophical assumptions, historical and ideological contexts, and applications.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010.

ENGL 4900 - Senior Capstone Seminar (3 credits)
This is a capstone course required of candidates in the traditional track of the B.A. in English. The course engages students in advanced critical analysis, leading to an original research project. Students produce an extended critical essay based on the research and make an oral presentation of their research.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 3010 and 90 or more earned hours.

ENGL 0997 - Support for English Composition for International Students (2 credits)
This is a course in grammar, usage, mechanics, rhetorical modes, and their application in writing effective paragraphs and essays. This course is designed for students who, based on placement scores, are eligible for enrollment in both a co-requisite support course and ENGL 1101. This course is especially geared to help international students whose native language is not English master the content of ENGL 1101. Satisfactory placement test scores or successful completion of ENGL 0989 is required prior to admission to this course.
Lecture Hours: 2 hours. Prerequisite: Placement scores, successful completion of ENGL 0989, or permission of instructor . Corequisite: ENGL 1101.

ENGL 0999 - Support for English Composition I (2 hours)
This Learning Support course is intended to provide co-requisite support for students requiring remediation in reading and/or writing while they are enrolled in ENGL 1101 -- English Composition I. Topics will parallel topics studied in ENGL 1101 as well as the essential reading and writing skills needed to be successful in ENGL 1101. Taken with ENGL 1101, this is a composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills.
Lecture Hours: 2 hours. Prerequisite: University admissions standard and placement scores. Corequisite: ENGL 1101.

ENGR - Engineering

ENGR 1001K - Introduction to Engineering (3 credits)
Students are expected to have basic computer skills. Introduction to the basic skills needed for engineering studies and a technical career, including engineering problem solving, the fields and functions of engineering, and computer applications.
Lecture Hours: 2 hours. Prerequisite: MATH 1111. Corequisite: ENGR 1001L.

ENGR 1001L - Introduction to Engineering Lab (0 credits)
Introduction to Engineering Lab Course.
Lab Hours: 2 hours. Corequisite: ENGR 1001K.

ENGR 1002 - Engineering Design Graphics (3 credits)
Study of the elements of graphic communication and engineering design, including computer-assisted design, lettering, sketching, orthographic projection, auxiliary views, sections, dimensioning, descriptive geometry, and the engineering design process.
Lecture Hours: 3 hours. Prerequisite: MATH 1111.

ENGR 1091 - Cooperative Education Work Experience (2 credits)
One semester each of full-time employment in an approved cooperative education position.
Lecture Hours: 2 hours. Prerequisite: ENGR 1001K or Departmental consent.

ENGR 1092 - Cooperative Education Work Experience (2 credits)
One semester each of full-time employment in an approved cooperative education position.
Lecture Hours: 2 hours. Prerequisite: ENGR 1001K or Departmental consent.

ENGR 1093 - Cooperative Education Work Experience (2 credits)
One semester each of full-time employment in an approved cooperative education position.
Lecture Hours: 2 hours. Prerequisite: ENGR 1001K or Departmental consent.

ENGR 1100K - Introduction to Computer Engineering (3 credits)
Introduction to the fundamental concepts of digital computers and digital computer programming, including the structure of digital systems and digital programming languages.
Lecture Hours: 2 hours. Corequisite: ENGR 1100L, ENGR 1001K.

ENGR 1100L - Introduction to Computer Engineer Lab (0 credits)
Introduction to Computer Engineering Lab course.
Lab Hours: 3 hours. Corequisite: ENGR 1100K.

ENGR 2025K - Introduction to Signal Processing (4 credits)
This course is an introduction to signal processing for discrete-time and continuous-time signals. Filtering Frequency Response, Fourier Transform, and Z Transform will be discussed. Laboratories will emphasize computer-based signal processing. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: MATH 1371 . Corequisite: ENGR 2025L, MATH 1251.

ENGR 2025L - Introduction to Signal Process Lab (0 credits)
Introduction to signal processing lab course.
Lab Hours: 2 hours. Corequisite: ENGR 2025K.

ENGR 2040 - Circuit Analysis (3 credits)
This course is an introduction to basic concepts of circuit elements, circuit models, and techniques for circuit analysis. Time domain analysis, ac circuits, and two-part networks will be discussed.
Lecture Hours: 3 hours. Prerequisite: MATH 2252 and PHYS 2212K.

ENGR 2091 - Cooperative Education Work Experience (2 credits)
One semester each of full-time employment in an approved cooperative education position.
Lecture Hours: 2 hours. Prerequisite: ENGR 1001K or Departmental consent.

ENGR 2092 - Cooperative Education Work Experience (2 credits)
One semester each of full-time employment in an approved cooperative education position.
Lecture Hours: 2 hours. Prerequisite: ENGR 1001K or Departmental consent.

ENGR 2093 - Cooperative Education Work Experience (2 credits)
One semester each of full-time employment in an approved cooperative education position.
Lecture Hours: 2 hours. Prerequisite: ENGR 1001K or Departmental consent.

ENGR 2210 - Statics (3 credits)
The course covers the elements of statics in two and three dimensions, centroids, analysis of structures and machines, and friction.
Lecture Hours: 3 hours. Prerequisite: PHYS 1111K or PHYS 2211K.

ENGR 2220 - Dynamics (3 credits)
The course covers kinematics and kinetics of rigid bodies in plane motion.
Lecture Hours: 3 hours. Prerequisite: ENGR 2210 and MATH 2252.

ENGR 2230 - Mechanics of Deformable Bodies (3 credits)
The course covers the definition of stress and strain, application to axially loaded members, torsion, bending of beams, introduction to simple plasticity, and an introduction to column stability.
Lecture Hours: 3 hours. Prerequisite: ENGR 2210.

ENGR 2300 - Principles of Engineering Economy (3 credits)
Study of the techniques and principles of economic analysis of engineering projects, including equipment selection, operation cost, depreciation, and replacement analysis.
Lecture Hours: 3 hours. Prerequisite: ENGR 1001K (or Departmental consent) and sophomore standing.

ENGR 2500K - Surveying and Geomatics (4 credits)
Study of the theory and practice of surveying and spatial data collection, using both the traditional and modern methods of surveying including current technology, traditional surveying equipment, computer applications, and an introduction to the global positioning system technology. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: MATH 1112 (with a grade of C or better) or departmental consent. Corequisite: ENGR 2500L.

ENGR 2500L - Surveying and Geomatics (0 credits)
Lab for ENGR 2500K.
Lab Hours: 3 Hours. Corequisite: ENGR 2500K.

ENGR 2600 - Thermodynamics (3 credits)
The course covers the fundamentals of engineering thermodynamics, thermodynamic properties and matter, first and second laws of thermodynamics, and applications to engineering.
Lecture Hours: 3 hours. Prerequisite: MATH 2252.

Entrepreneurship

ENTR 4900 - Social Entrepreneurship (3 credits)
This course seeks to develop critical knowledge and skills pertaining to creating positive societal impact via Social Entrepreneurship. It is designed to provide a comprehensive overview of social entrepreneurship, including opportunity recognition, social venture design and development, social venture funding and scaling, and measuring social impact. It is a study of the use of entrepreneurship to innovatively address contemporary social issues and solve contemporary social problems to create positive social change.
Lecture Hours: 3. Prerequisite: MGMT 4135 or MKTG 4135.

ENTR 4950 - Entrepreneurship Capstone Project (3 credits)
This course integrates the skills and knowledge students have acquired during the Business program, including the Entrepreneurship Concentration, and applies them in an entrepreneurial setting. Students will research and develop a comprehensive business plan for a retail or service business of their choosing.
Lecture Hours: 3. Prerequisite: MKTG 4135 Entrepreneurship. Corequisite: ENTR 4900 Social Entrepreneurship.

ENVS - Environment Science

ENVS 2202 - Environmental Science (3 credits)
This is an interdisciplinary course integrating principles from biology, chemistry, ecology, geology, and non-science disciplines as related to the interactions of humans and their environment. Issues of local, regional, and global concern will be used to help students explain scientific concepts and analyze practical solutions to complex environmental problems. Emphasis is placed on the study of ecosystems, human population growth, energy, pollution, and other environmental issues and important environmental regulations.
Lecture Hours: 3 hours.

ESE - Elementary Special Education

ESE 3400 - Technology in the Classroom (2 credits)
Teacher candidates will be introduced to emerging instructional technology and become proficient in the use of technology and media equipment available for P-5 classrooms. They will also design computer-mediated instruction and assessment strategies using World Wide Web resources, selected software programs and other technologies to enhance the learning of all students. Candidates will be introduced to LiveText and begin production of their on-line portfolios. This course fulfills requirements of the Georgia Technology Standards for Educators.
Lecture Hours: 2 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Elementary/Special Education.

ESE 3447 - Professional Roles and Teaching Practices A (2 credits)
This 17-week course is designed for Elementary/Special Education Evening Track teacher candidates. In this course teacher candidates will become familiar with the school environment, working with students and parents, and collaborating with other professionals in the learning community. Teacher candidates will work in P-5 classrooms assisting the cooperating teacher and students with instructional procedures and routines. In collaboration with their cooperating teachers, university supervisors, and course professors, teacher candidates will design and implement instructional projects that unite theory and practice in the P-5 classroom. Teacher candidates will also attend regularly scheduled seminars on related topics throughout the semester. This course is aligned with state and national standards. The use of technology is required.
Note: Full time employed paraprofessionals must spend a minimum of 4 hours weekly in a P-5 classroom environment outside their current classroom and grade band. Teacher candidates not employed as paraprofessionals must spend a minimum of one full day (9 hours) a week in a P-5 classroom environment.
Lab Hours: 2 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Early Childhood Special Education Evening and pass program checkpoints.

ESE 3558 - Professional Roles and Teaching Practices B (3 credits)
This 17-week course is designed for Elementary/Special Education Evening Track teacher candidates. In this course teacher candidates will become more engaged in the school environment, continuing to work with the cooperating teacher, students and parents, and other professionals in the learning community. Teacher candidates will work in P-5 classrooms learning to plan and implement instruction and to design assessments based on the current state standards. Teacher candidates will also attend regularly scheduled seminars on related topics throughout the semester. This course is aligned with state and national standards. The use of technology is required.
Note: Full time employed paraprofessionals must spend a minimum of 4 hours weekly in a P-5 classroom environment outside their current classroom and grade band. Teacher candidates not employed as paraprofessionals must spend a minimum of one full day (9 hours) a week in a P-5 classroom environment.
Lab Hours: 3 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Elementary/Special Education Evening Track and pass program checkpoints.

ESE 3201 - The Art of Language and Literature/Reading Endorsement (3)
In this course, candidates will study and apply pedagogical knowledge and content skills in various areas of language arts and literature. Candidates will examine a variety of literature across grade bands to support cognitive, social, psychological, ethical, and language development. Special emphasis is placed on: the evaluation and use of children's and adolescent's texts (traditional print, digital, and online) in the classroom, acquiring knowledge about how to integrate literature across the disciplines, methods of teaching and assessing the English Language Arts: oral language, listening, reading, writing, visualizing, and visually representing, and direct instruction in writing, within the context of the composing process. The course includes a field experience, technology integration, and research. This course is aligned with state and national standards.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in ESE track and pass program checkpoints OR acceptance into the Reading Endorsement Track. Cross-Listed as: ECSE 3201.

ESE 3300 - Teaching Mathematics in Grades P-2 (3)
This course consists of the integration of mathematics concepts, principles and processes into the teaching of mathematics in preschool through second grade. Emphasis is placed on the understanding of curriculum content; current trends in teaching mathematics; use of appropriate mathematical manipulatives; and planning for and evaluating instruction for all learners. This course includes a field experience to enhance learning and is aligned with state and national standards.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Admission to the Elementary/Special Education Teacher Education Program.

ESE 3310 - Teaching Mathematics in Grades 3-5 (3)
This course consists of the integration of mathematics concepts, principles and processes into the teaching of mathematics in third through fifth grade. Emphasis is placed on the understanding of curriculum content; current trends in teaching mathematics; research of instructional strategies, use of appropriate mathematical manipulatives; and planning for and evaluating instruction for all learners. This course includes a field experience to enhance learning and is aligned with state and national standards.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Admission to the Elementary/Special Education Teacher Preparation Program; pass all program checkpoints; a grade of "C" or higher in ESE 3300.

ESE 3410 - Development of the Whole Child (2)
This course will engage students in the principles of child growth and development from toddler-hood through middle-childhood. The course will cover the major theories, principles, and research concerning the physical, psychological, intellectual, emotional, and social aspects of development in children including typical and atypical developmental expectations. The class will focus on brain development and its relation to learning, cognitive and language development, the developmental trajectory of academic skills, and the impact of environmental factors (e.g., parenting, drug interactions, and poverty). In addition, the course will also cover basic research designs and methods for studying and observing children within this age range. Observation experiences of children and use of technology are required. This course is aligned with state and national standards.
Lecture Hours: 2. Lab Hours: 0. Cross-Listed as: ECSE 3410.

ESE 3431 - Literacy Acquisition/Reading Endorsement (3)
In this course, candidates will develop an understanding of literacy acquisition based on theories and recent research. Candidates will focus on learning experiences needed to acquire fundamental literacy skills. The class will examine theory, research, and evidence-based instructional strategies for designing and delivering literacy instruction with the infusion of diversity, equity,and inclusive principles. This course includes a field component, technology integration, and research. This course is aligned with state and national standards.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in ESE track and pass program checkpoints OR acceptance into the Reading Endorsement Track. Cross-Listed as: ECSE 3431.

ESE 3444 - Practicum I (2)
This field-based semester-long course, candidates will become familiar with the school environment, working with students and parents, and collaborating with other professionals in the learning community. Candidates will work in P-5 classrooms assisting the cooperating teacher and students with instructional procedures and routines. In collaboration with their cooperating teachers, university supervisors, and course professors, candidates will design and implement instructional projects that unite theory and practice in the P-5 classroom. Candidates will also attend seminars on related topics throughout the semester and attain instruction with the infusion of diversity, equity, and inclusive principles. This course is aligned with state and national standards. The use of technology is required.
Note: Full-time employed P-5 paraprofessionals must spend a minimum of 4 hours weekly in a P-5 classroom environment outside their current classroom and grade band.
2 Credit Hours
Lecture Hours: 2. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in Elementary/Special Education Track. Cross-Listed as: ECSE 3444.

ESE 3520 - Organizing an Effective Learning Environment (2)
In this course, teacher candidates learn how to design and organize classroom settings for effective learning. An emphasis will be on the planning and demonstration of effective management skills in diverse, equitable, and inclusive school settings. The use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 2. Lab Hours: 0. Cross-Listed as: ECSE 3520.

ESE 3531 - Literacy Assessment & Intervention Strategies/Reading Endorsement (4)
This course is designed to provide candidates with an understanding of research-based literacy development, assessment procedures, and intervention strategies. Candidates will become proficient in selecting, developing, administering, and analyzing a variety of formative and summative assessments to inform instructional practices that increase all students' literacy achievement. This course includes an intensive field experience in a diverse setting, technology integration, and research. This course is aligned with state and national standards.
Lecture Hours: 4. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in ESE track and pass program checkpoints OR acceptance into the Reading Endorsement Track. Cross-Listed as: ECSE 3531.

ESE 3540 - Evidence-based Curriculum and Assessment for Learning (4)
This course introduces the candidate to planning and applying evidence-based instruction and assessment with the fundamental concepts of diversity, equity, and inclusion. Particular focus will be on making instructional decisions to facilitate differentiation. The use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 4. Lab Hours: 0. Cross-Listed as: ECSE 3540.

ESE 3555 - Practicum II (2)
In this field-based semester-long course, candidates will become more engaged in the school environment, continuing to work with the cooperating teacher, students and parents, and other professionals in the learning community. Candidates will work in P-5 classrooms learning to plan and implement instruction and to design assessments based on the current state standards. Candidates will also attend seminars on related topics throughout the semester and attain instruction with the infusion of diversity, equity, and inclusive principles. This course is aligned with state and national standards. The use of technology is required.
Note: Full-time employed P-5 paraprofessionals must spend a minimum of 4 hours weekly in a P-5 classroom environment outside their current classroom and grade band.
Credits 2 credits
Lecture Hours: 2. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in Elementary/Special Education and pass program checkpoints. Cross-Listed as: ECSE 3555.

ESE 3800 - Social Studies: Designing Interdisciplinary Curriculum (3)
In this course, teacher candidates will develop and implement integrated social studies units which include music, art, drama, and physical education. Candidates will study contemporary research in multi-sensory integration to discover the increased success of P-5 students' academic participation and motivation. This course includes an extensive field component in a diverse setting and the use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in Elementary/Special Education track, Pass Checkpoints 1 & 2 and hold a valid Pre-Service Certificate. Cross-Listed as: ECSE 3800.

ESE 4200 - Mathematics Teaching and Curriculum in Grades Pre-K-5 (3)
This course will focus on the role of mathematics in the education of early childhood students, with emphasis on: the understanding of curriculum content; current trends in teaching; use of appropriate teaching materials; and planning for and evaluating instruction. Methods of instruction will be explored that enable prospective teachers to act as facilitators in the classroom and gain an understanding of how children learn mathematics. Candidates will learn techniques, including the integration of technology, for designing and implementing mathematics lessons that develop knowledge and skills in mathematical concepts, computations, reasoning, and problem solving.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in Elementary/Special Education and pass program checkpoints.. Cross-Listed as: ECSE 4200.

ESE 4320 - Applied Data Analysis for Elementary Teachers (3)
This course requires teacher candidates to demonstrate skills in data collection and analysis. Deliberate connections are made to analysis of data collected in the classroom which will be used to inform instruction. Key concepts such as data collection, graphical representations of data and measures of center are highlighted. The course is structured around the creation and completion of a real-life data analysis project that allows participants to apply knowledge and skills from other mathematical strands.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Admission to the Elementary/Special Education Teacher Education Program; pass program checkpoints..

ESE 4431 - Content Area Literacy/Reading Endorsement (2)
In this course, candidates will explore theories, research, and methods for integrating evidence-based literacy instruction in the content areas. Literacy strategies that are designed to increase vocabulary acquisition and comprehension of expository texts (traditional print, digital, and online resources) are introduced and practiced. The course includes a field experience, technology integration, and research. This is aligned with state and national standards.
Lecture Hours: 2. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in ESE track and pass program checkpoints OR acceptance into the Reading Endorsement Track. Cross-Listed as: ECSE 4431.

ESE 4477 - Clinical I (3)
This course is the first in a series of two semester-long field-based experiences designed to give the teacher candidate co-teaching experience with assigned cooperating teachers in a P-5 inclusive/general education classroom setting. Candidates will have the opportunity to develop and demonstrate competence in the professional roles and dispositions required of lead teachers. Candidates will study and apply pedagogical content knowledge grounded in research-based best practices in the design, implementation, and evaluation of instruction specific to their area of concentration to meet the diverse needs of all learners. The most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester in which the candidate will be engaged in: curriculum design; determining and adapting appropriate methods to classroom instruction; fostering critical thinking skills; meeting district and state standards; the use of technology in enhancing student learning. Candidates will also attend seminars on related topics throughout the semester and attain instruction with the infusion of diversity, equity, and inclusive principles. This course is aligned with state and national standards. The use of technology is required.
3 Credit Hours
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in Elementary/Special Education and pass program checkpoints. Cross-Listed as: ECSE 4477.

ESE 4520 - Positive Behavior Supports (3)
This course is designed to provide teacher candidates with the knowledge and skills necessary to conduct a functional behavior assessment, develop behavior intervention plans based on results of those assessments, and utilize the principles of positive behavior support. The use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 3. Lab Hours: 0. Cross-Listed as: ECSE 4520.

ESE 4588 - Clinical II (9)
This course is the second in a series of two semester-long culminating field experience designed to fully immerse the candidate in an intensive and extensive experience with an assigned cooperating teacher in a P-5 inclusive/general education classroom setting. Candidates will apply pedagogical content knowledge grounded in research-based best practices in the design, implementation, and evaluation of instruction to meet the needs of diverse learners. The most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester in which the teacher candidate will be engaged in: curriculum design; determining and adapting appropriate methods to classroom instruction; fostering critical thinking skills; meeting district and state standards; the use of technology in enhancing student learning. Candidates will also attend seminars on related topics throughout the semester and attain instruction with the infusion of diversity, equity, and inclusive principles. This course is aligned with state and national standards. The use of technology is required.
9 Credit Hours
Lecture Hours: 9. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Science in Elementary/Special Education and pass program checkpoints. Cross-Listed as: ECSE 4588.

ETEC - Electronic Technology

ETEC 1101 - Electronic Technology in Education Environment (2 credits)
This course is an introduction to using personal computers to communicate with individuals and organizations and to access, store, and analyze information. Emphasis is on exploring the role of technology in present and future learning experiences. Topics include the digital divide, virtual communities, telecommuting, job search and readiness, e-commerce, globalization, privacy versus security, and intellectual property in cyberspace. Students will use their practical technology skills to create word- processed documents, an electronic presentation, and a Web page.
Lecture Hours: 2 hours.

EURO - European Studies

EURO 3234 - Introduction to the European Union (3 credits)
An introduction to the history, institutions, and policies of the European Union. The course also examines the role of the EU as a global actor, including its relations with the United States.
Lecture Hours: 3 hours.

EURO 4130 - EU Law & Legal Systems (3 credits)
A study of EU legal institutions and processes in the context of international law and in comparison to those of the United States.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4160 - EU Federalism and Governance (3 credits)
A comparison of multilevel governance and policymaking in the European Union with that of the United States and other federal systems.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4230 - Doing Business in the EU (3 credits)
A study of business protocol in the EU compared to the United States. The course focuses on institutions and rules which impact the business environment for domestic and international firms, and on how political decisions affect the business environment.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4260 - European Monetary Union (3 credits)
An examination of the history and evolution of the European Economic and Monetary Union and its impact on the United States and the global economy.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4330 - EU Science & Technology Policy (3 credits)
An examination of EU science and technology policy compared to that of the United States. The course examines how governments can encourage scientific and technological innovation and whether government can (or should) try to limit or control technological innovation.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4430 - EU Environmental Policy (3 credits)
A survey of critical issues in EU environmental policy, including key environmental problems, the challenges of making and implementing environmental policy in the EU's multilevel governance system, and future prospects for EU environmental regulation.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4530 - European Social Policy (3 credits)
An examination of social policy and current social policy issues and arrangements in Europe and the EU.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4630 - Communications and Media (3 credits)
A comparison of communications and media in the EU with the United States. The course examines media law, policies, and practices in voice telephony, the Internet, and social media.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4730 - European Union Foreign Policy (3 credits)
An examination of the foreign policy of the EU. Examines how EU foreign policy is made, the intersection of national and EU foreign policies, and EU policies regarding key issues in countries and areas of the world.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4760 - US - EU Relations (3 credits)
An examination of relations between the United States and the European Union, including US-EU cooperation on global issues and the future of Transatlantic relations in a changing world.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

EURO 4830 - EU Studies Capstone (3 credits)
A capstone course for students in the EU Studies Certificate program. The course explores selected topics in a way that allows students to synthesize their knowledge of the EU.
Lecture Hours: 3 hours. Prerequisite: EURO 3234.

FILM - Film Production

FILM 1100 - Introduction to On-Set Film Production I (6 credits)
The course provides an introduction to the skills used in on-set film production, including all forms of narrative media which utilize film-industry standard organizational structure, professional equipment and on-set procedures. The course is offered in collaboration with the Georgia Film Academy.
Lecture Hours: 0. Lab Hours: 6 hours.

FILM 2001 - GFA Set Construction (6 credits)
This course is designed to equip students with entry-level skills and knowledge of set construction for the film and television industry. Students will participate in goal-oriented class projects including reading blueprints, set safety, use of power tools, carpentry, scenic paint and sculpting. The course is offered in collaboration with the Georgia Film Academy.
Lecture Hours: 0. Lab Hours: 6 hours. Prerequisite: FILM 1100.

FILM 2002 - GFA Grip & Rigging (6 credits)
Grip and Rigging is an introduction and orientation to the practice of rigging and supporting grip equipment, cameras, vehicles and other physical/mechanical devices. Grips are first and foremost team members. In addition to gaining a thorough knowledge of the equipment used in grip and rigging, students will engage in on-set exercises in inventory, maintenance, set-up, trouble-shooting, teamwork, set protocol and safety. The course is offered in collaboration with the Georgia Film Academy.
Lecture Hours: 0. Lab Hours: 6 hours. Prerequisite: FILM 1100.

FILM 2003 - GFA Lighting & Electric (6 credits)
This course is designed to equip students with the skills and knowledge of electrical distribution and set lighting on a motion picture or episodic television set in order to facilitate their entry and advancement in the film business. The course is offered in collaboration with the Georgia Film Academy.
Lecture Hours: 0. Lab Hours: 6 hours. Prerequisite: FILM 1100.

FILM 4000 - GFA Film & Television Production Internship (6 credits)
The course is designed to provide students with a basic level of on-set film production skills, knowledge and experience with film-industry standards, organizational structure, professional equipment and on-set procedures by giving students hands-on experience on the sets and offices of working film productions and businesses. Students will also have an opportunity to network and to build resumes in order to help market themselves with the intention of integrating into the film industry as entry-level workers.
Lecture Hours: 0. Lab Hours: 6 hours. Prerequisite: FILM 1100.

FINA - Finance

FINA 3110 - Principles of Finance (3 credits)
This course is designed to give the student an introduction to the principles of financial management including an analysis of financial statements, forecasting, capital budgeting, security valuation, and analysis of risk and return.
Lecture Hours: 3 hours. Prerequisite: ACCT 2102, ECON 2105 and ECON 2106.

FINA 3120 - Advanced Corporate Finance (3 hours)
In this class, students will gain deep understanding of a broad range of topics concerning financial decision-making areas for modern corporation and some selected topics in financial theory. Topics include Cost of Capital, Long- & Short-Term Financial Planning, Options and Futures, Mergers & Acquisitions, and Leasing.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: FINA 3110 - Principles of Finance.

FINA 3410 - Principles of Finance for Small Business (3 credits)
Emphasis is on financial problems facing the small business. Such problems include funding, working capital management, and capital budgeting.
Lecture Hours: 3 hours. Prerequisite: ACCT 2102.

FINA 4120 - Investments (3 hours)
This course is designed to serve investors who are (or will be) actively developing and monitoring their own investment portfolios. Topics include capital markets, investment strategies, risk and return, common stock investments, fixed-income securities, options, commodities, mutual funds, tax shelters, and portfolio management.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: FINA 3110 – Principles of Finance.

FREN - French

FREN 1001 - Elementary French I (3 credits)
This is an introductory course in which students will develop basic communication skills in French including listening, speaking, reading, and writing. Students will also be introduced to Francophone culture.
Students who have completed two or more years of high school French should refer to the placement policy for language courses.

Lecture Hours: 3 hours.

FREN 1002 - Elementary French II (3 credits)
This is a continuation of FREN 1001 in which students will further develop basic communication skills in French including listening, speaking, reading, and writing, and learn about Francophone culture.
Limitations Note: Students who have completed two or more years of high school French should refer to the placement policy for language courses.

Lecture Hours: 3 hours. Prerequisite: At least a 'C' in FREN 1001 or placement test.

FREN 2001 - Intermediate French I (3 credits)
A continuation of the development of proficiency in the language skills, which include listening, speaking, reading, and writing. Students will be exposed to discussion in French, written compositions, selected literary works, and Francophone culture.
Lecture Hours: 3 hours. Prerequisite: At least a C in FREN 1002 or permission of instructor.

FREN 2002 - Intermediate French II (3 credits)
A continuation of FREN 2001 utilizing language skills in listening, speaking, reading, and writing. Students will further be exposed to discussion in French, written compositions, selected literary works, and Francophone culture to prepare students for upper level French courses.
Lecture Hours: 3 hours. Prerequisite: At least a C in FREN 2001 or permission of instructor.

FREN 2998 - Intermediate Study Abroad I (3 credits)
This course covers French study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for one course of intermediate study abroad and can only be taken once.

Lab Hours: 3 hours. Prerequisite: At least a C in FREN 1002 or permission of instructor.

FREN 2999 - Intermediate Study Abroad II (3 credits)
This course covers French study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for a second course of intermediate study abroad and can only be taken once.
Lecture Hours: 3 hours. Prerequisite: At least a C in FREN 1002 or permission of instructor.

FREN 3001 - Grammar and Composition (3 credits)
This course provides a study of advanced grammar and writing practice including methods and strategies of summary, description, narration, exposition, and argumentation. This course teaches writing as a process that integrates a variety of elements such as grammar, vocabulary, style, content, and organization.
Lecture Hours: 3 hours. Prerequisite: At least a C in FREN 2002 or permission of instructor .

FREN 3002 - Language & Francophone Culture (3 credits)
This course includes reading, understanding, and analyzing communication patterns and paralinguistic aspects of spoken French. Students will also learn about everyday life in French speaking countries through cultural readings that include information about culture and language usage within cultural contexts. Video and multimedia materials will be utilized.
Lecture Hours: 3 hours. Prerequisite: At least a C in FREN 3001 or permission of instructor.

FREN 3003 - Conversation I (3 credits)
This course provides oral and listening comprehension practice using communicative activities such as in-class discussions, oral presentations, reading exercises, and group work. Authentic materials may be incorporated.
Lecture Hours: 3 hours. Prerequisite: At least a C in FREN 2002 or permission of instructor .

FREN 3998 - Advanced Study Abroad I (3 credits)
This course covers French study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for one course of advanced study abroad.
Lecture Hours: 3 hours. Prerequisite: At least a C in FREN 2002 or permission of instructor.

FREN 3999 - Advanced Study Abroad II (3 credits)
This course covers French study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for a second course of advanced study abroad.
Lecture Hours: 3 hours. Prerequisite: At least a C in FREN 2002 or permission of instructor.

FTA - Financial Technology

FTA 2400 - Introduction to Financial Technology (3)
This course introduces the fundamentals of Financial Technology. It explores what new financial technologies are emerging and how the technological advances in data analytics are enabling innovation in the financial industry. It also examines new services and business models in various areas of banking, insurance and financial asset management.
Lecture Hours: 3. Lab Hours: 0.

FTA 2410 - Coding for FinTech (3)
This course covers the design and development of dynamic, data-driven financial applications using client and server-side architecture. It focuses on various application development techniques for user and mobile friendly design. It also introduces how to develop financial applications conforming to the industry standards.
Lecture Hours: 3. Lab Hours: 0.

FTA 2420 - Data Analytics for FinTech (3)
This course introduces core statistical skills and data analytics techniques used to manipulate and analyze financial datasets. Students will learn how to interpret outcome from data analysis for efficient and effective decision-making, consumer/business intelligence, problem identification and forecasting.
Lecture Hours: 3. Lab Hours: 0.

FTA 2430 - Cybersecurity for FinTech (3)
This course covers cybersecurity principles of financial technologies. Students will learn about threats, vulnerabilities, risks, and the controls to handle them. The course will introduce legal, ethical, and compliance issues that arise when working with financial infrastructure in a global economy.
Lecture Hours: 3. Lab Hours: 0.

FTA 2440 - Financial Technologies and Services (3)
This course covers the foundations of financial technologies and services. It focuses on the usage of technology that powers financial ecosystems, digital finance platforms, mobile payments, and digital asset management. Students will explore the characteristics and functions of electronic and mobile payment systems.
Lecture Hours: 3. Lab Hours: 0.

FTA 3055 - Innovative Solutions for FinTech (3)
This course examines cases of new and emerging services and business models in the financial industry. It also focuses on how to identify business opportunities in FinTech and analyze business feasibility and sustainability. Students examine business models in FinTech.
Lecture Hours: 3. Lab Hours: 0.

FTA 3810 - Payment Processing (3 credits)
This course focuses on the payment process ecosystem, lifecycle, regulation, security, fraud protection, and payment networks. The student will learn the products and services of the payments, fraud and risk reduction strategies, and roles & responsibilities of card issuers, acquirers, merchants, and strategies for maximizing card usage while minimizing loss associated with card use. The student will also learn about payments negotiations, risk management, customer relationships, principles of authorization, settlement, chargeback, and procedures, strategies, and best practices for acquiring merchants.
Lecture Hours: 3.

FTA 3850 - Digital Payments Security (3 credits)
This course examines security issues in the Payments vertical. Students explore application security addressing the challenges and weak points of applications, learn the tools and techniques of machine learning as a defensive security strategy overcoming the continuous automatic attack generated by machines, and engage in hands-on practice in penetration testing. Payments framework and standards including NIST cybersecurity framework, ISO 27001 information security management, and Payment Card Industry Data Security Standards (PCI DSS) will be discussed. Administration of the information security function including strategic planning process, policies, procedures, and staffing functions necessary to organize and administer ongoing security functions will be discussed. In addition, fraud, regulation, security practices, security architecture, competitive intelligence, and operating environments are emphasized throughout the course.
Lecture Hours: 3.

FTA 3860 - Emerging Payment Technologies (3 credits)
The course covers a wide variety of electronic payment mechanisms used to make payments worldwide. The course is designed to stimulate creative thinking about the use of new technologies in the movement of money, from small peer-to-peer transactions through the largest interbank payments.
Lecture Hours: 3.

FTA 4001 - Foundations of FinTech (3)
The financial services industries are changing rapidly with the emergence of financial technology (FinTech). The objective of the course is to provide students with an overview of FinTech and introductions to its applications in financial services, such as commercial and investment banking, digital investing, financial advising, and insurance. Students are expected to develop a broad understanding of the recent FinTech development and its impact on different parts of the financial world. Students will also have hands-on problem-solving experiences that can be useful in FinTech applications and innovation. Topics may include but are not limited to: blockchain and cryptocurrencies, smart contracting, payments, digital banking, P2P lending, crowdfunding, robo-advising, and InsurTech.
Lecture Hours: 3. Lab Hours: 0.

FTA 4002 - Financial Technologies (3)
This course examines the information and communications tools, technologies, and standards integral to consumer, merchant, and enterprise services in the payments and financial service sectors. Explores technology's role in reshaping FinTech businesses. Technologies span messaging, communication networks and gateways, core processing, mobile and online software, and application program interfaces (APIs). Includes the challenges, standards, and techniques associated with securing systems and data.
Lecture Hours: 3. Lab Hours: 0.

FTA 4003 - Commercial Banking and FinTech (3)
The FinTech revolution is creating significant disruption to the traditional processes of managing and regulating financial institutions, especially banks. Understanding, assessing and forecasting FinTech's impact on banking is particularly important because proper management and oversight of financial institutions is essential to the efficient operation of the national, as well as global, economy. In this course, students will learn about the principles and practices of commercial bank management, bank regulation, and the tradeoffs between risk and return. Challenges presented by the FinTech evolution, including traditional and emergent competitors as well as demographic, social, and technology forces driving change in the industry, will be integrated throughout the entire course.
Lecture Hours: 3. Lab Hours: 0.

FTA 4005 - Introduction to Financial Data Analytics (3)
This course provides the foundation for financial data analytics used in business and FinTech applications. The objective of this course is for students to gain experience in analyzing financial data using modern machine learning techniques, statistical methods, and prediction models. Students will develop computational skills to perform data analysis using a modern statistical programming environment, and apply these skills to address a range of problems encountered by business firms, including those in the FinTech industry. The topics discussed include an introduction to R language, visualization of financial data, cluster analysis, simple and multiple linear regression, classification models, high dimension data analysis using Lasso, tree regression, and model assessment and selection using cross validation. Students will have hands-on experience in the development of data analytics applications to analyze real world financial problems.
Lecture Hours: 3. Lab Hours: 0.

FTA 4100 - Introduction to Information Security for FinTech (3)
The purpose of this course is to introduce the student to the rapidly evolving and critical international arenas of Privacy, Information Security, and Critical Infrastructure for FinTech. This course is designed to develop knowledge and skills for security of information and information systems within FinTech organizations. It focuses on concepts and methods associated with security across several systems platforms, including internal and Internet-facing systems. The course utilizes a world view to examine critical infrastructure concepts as well as techniques for assessing risk associated with accidental and intentional breaches of security in a FinTech network. It introduces the associated issues of ethical uses of information and of privacy considerations.
Lecture Hours: 3. Lab Hours: 0.

FYES - Freshman Year Experience

FYES 1001 - Freshman Year Seminar (3 credits)
This course is required for all first-time students. The course, offered in standard and themed sections, is designed to provide students with the academic, personal, and leadership skills necessary for success in their academic and personal lives. The course will facilitate students' acculturation and social integration into the college environment, develop students' understanding of the learning process, and help students acquire essential college survival skills. The focus of this course is on the college student for the purpose of promoting success - both in college and in life after college - by fostering the development of skills or strategies that are valuable and applicable across subjects (transferable, cross-disciplinary skills) and across time (durable, lifelong learning skills). All first time Freshmen are required to take the Freshman Year Seminar course except fully online students (taking no on-campus classes), joint-enrollment students, and students with CPC deficiencies.
Lecture Hours: 3 hours.

GEOG - Geography

GEOG 1101 - Introduction to Human Geography (3 credits)
This course is a survey of global patterns of resources, population, culture, and economic systems, regionally focusing on the ways in which cultural groups around the world utilize and modify their landscape and environment. Emphasis is placed upon the factors contributing to these patterns and the distinctions between the technologically advanced and less advanced regions of the world.
Lecture Hours: 3 hours.

GEOL - Geology

GEOL 1011K - Introductory Geosciences I (4 credits)
This course covers Earth materials and processes.
Lecture Hours: 3 hours. Lab Hours: 3 hours.

GEOL 1125K - Physical Geology (4 credits)
Study of the lithosphere including rock and mineral identification, plate tectonics, ground water, stream systems, and introduction to maps. Corequisite lab course required.
Lecture Hours: 3 hours. Corequisite: GEOL 1125L.

GEOL 1125L - Physical Geology Lab (0 credits)
Physical Geology course lab.
Lab Hours: 2 Hours. Corequisite: GEOL 1125K.

GEOL 1126K - Historical Geology (4 credits)
Survey of Earth history with an emphasis on research methods. Geologic time, geologic histories, correlation, geologic mapping and fossils are emphasized. Corequisite lab course required.
Lecture Hours: 3 hours. Prerequisite: Grade of C or better in GEOL 1125K. Corequisite: GEOL 1126L.

GEOL 1126L - Historical Geology (0 credits)
Historical Geology lab course.
Lab Hours: 2 hours. Corequisite: GEOL 1126K.

GEOL 1130K - Introduction to Georgia Geology (4 credits)
A field study designed to expand a student's knowledge and appreciation of geology by experiencing the widely diverse aspects of Georgia geologic provinces. Some classroom and extensive field work including more than two overnight trips are taken. Some field gear is required. Corequisite lab course required.
Lecture Hours: 3 hours. Corequisite: GEOL 1130L.

GEOL 1130L - Introduction to Georgia Geology (0 credits)
Lab for GEOL 1130K.
Lab Hours: 2 hours. Corequisite: GEOL 1130K.

GFA - Georgia Film Academy

GFA 1000 - Introduction to Film & Television Post-Production (6 credits)
GFA 1000: Introduction to On-Set Film Production is the first of an 18-credit hour certification program which will provide an introduction to the skills used in on-set film production, including all forms of narrative media which utilize film-industry standard organizational structure, professional equipment and on-set procedures. In addition to the use of topical lectures, PowerPoint presentations, videos and hand-outs, the course will include demonstrations of equipment and set operations as well as hands-on learning experiences. Students will learn: film production organizational structure, job descriptions and duties in various film craft areas, names, uses and protocols related to various pieces of professional on-set film equipment. Students will also learn how the various film crafts relate to one another on a working set, as well as how and why they all must operate in sync. In addition, students will learn skills related to networking and self-marketing. This course is the pre-requisite for ALL GFA courses.
Lab Hours: 6.

GFA 1040 - Introduction to Film & Television Post-Production (6 credits)
This course is the first of an 18-credit hour certification in "Film & Television Post-Production." Students will operate various professional non-linear editing (NLE) systems, with a focus on practical skills and essential knowledge of editing, including file management, footage logs, timecodes, proxies, edit decision lists (EDLs), synchronization, transitions, simple effects, basic audio missing and file exports. Additionally, students will explore the terminology, department hierarchy, history and theory of editing and sound design through topics such as continuity style, montage, juxtaposition of images, development of sound design, and linear and flat-bed editing. Students will also develop and understanding and awareness of current post-production industry standards and workflow practices. This course is the prerequisite for ALL other GFA courses in the "Film & Television Post-Production" Certification Pathway.
Lab Hours: 6.

GFA 1500 - Introduction to Digital Entertainment, Esports & Game Development (6 credits)
Students will become oriented with the Digital Entertainment ecosystem and job families therein, including: Game Development, Game Publishing, Tournament & League Operation, Live
Production, Event Management, Broadcast Distribution, On-Air Talent, Team Organization, Sponsorship, Marketing, Content Creation, and Social Media Management. Students will learn the basic terminology across these functions and skills related to networking and self-marketing used within the digital entertainment, Esports, and game development industries. A team project allows students to design and execute a live-streamed event incorporating lessons learned during the course.
Lecture Hours: 6.

GFA 2000 - Film, Television, & Digital Entertainment Internship (6 credits)
Upon successful completion of GFA 1000: Introduction to On-Set Film Production and one GFA specialty craft course, the GFA Film & Television Production Internship course is a 6-credit hour option as part of the 18 credit hours needed for the Georgia Film Academy Certification Program. The course is designed to provide students with a basic level of on-set film production skills, knowledge and experience with film-industry standards, organizational structure, professional equipment and on-set procedures by giving students hands-on experience on the sets and offices of working film productions and businesses. Students will also have an opportunity to network and build resumes in order to help market themselves with the intention of integrating into the film industry as entry-level workers. This course is by application only and is not guaranteed to anyone.
Lab Hours: 6. Prerequisite: GFA 1000.

GFA 2010 - Set Construction & Scenic Painting (6 credits)
Set Construction & Scenic Painting is designed to equip students with entry-level skills and knowledge of set construction for the film and television industry. Students will participate in goal-oriented class projects including mood-boards, drafting, reading blueprints, architectural models, set safety, use of power tools, carpentry and scenic paint. Students will ultimately work on a final team project that will give them hands-on experience from concept to completion, solving real world problems. Emphasis will be placed on set etiquette, including but not limited to, attitude, professionalism and technique on and off set.

Lab Hours: 6.

GFA 2020 - Lighting and Electric (6 credits)
GFA 2020: Lighting & Electric is designed to equip students with the skills and knowledge of electrical distribution and set lighting on a motion picture or episodic television set in order to facilitate their entry and advancement in the film business. Students will participate in goal-oriented class projects including power distribution, set protocol and etiquette, properly setting lamps, how to light a set to feature film standards, motion picture photography, etc. Upon completion of this course, the student will have a very solid and broad base of knowledge that includes, but is not limited to, the equipment, techniques, communications, specifications, department lingo, etc. used in the set lighting department. The student will also have an understanding of the behavior of light and how to manipulate and control it to feature film standards.
Lab Hours: 6. Prerequisite: GFA 1000.

GFA 2030 - Grip & Rigging (6 credits)
GFA 2030: Grip & Rigging is an introduction and orientation to the practice of rigging and supporting grip equipment, cameras, vehicles and other physical/mechanical devices. This class is designed to move cameras from beyond sticks and lights from beyond stands. In addition to a gaining a thorough knowledge of the equipment used in grip and rigging, students will engage in on-set exercises in inventory, maintenance, set-up, trouble-shooting, teamwork, set protocol and safety. The purpose of this course is to prepare students to work on a motion picture production set. As such, student responsibilities are matched to responsibilities of a team member on a production set as closely as possible.
Lab Hours: 6. Prerequisite: GFA 1000.

GFA 2040 - Fundamentals of Editing with Avid Media Composer 100 (6 credits)
GFA 2040: Fundamentals of Editing with Avid Media Composer 100 introduces students to post production utilizing Avid's video editing software. This course will implement Avid's MC101 and MC110 curriculum and students who successfully pass Avid's two certification exams will earn the credential of "Avid Certified User" in Media Composer, recognized worldwide as an industry standard for assistant editors in feature film and broadcast television. The Avid curriculum will be supplemented with elemental post production information including: an historical overview of the editing process and tools; current processes, procedures and terminology; project organization, digital file codecs, audio sample rate, introduction to concepts and tools of color grading, and introductory troubleshooting. Emphasis will also be placed on understanding industry working conditions, employer expectations, as well as the student's expectations, attitude, and professionalism.
The tools, techniques, and concepts of the editor's craft are presented through lecture, demonstration, and hands-on exercises. Introductory and intermediate Avid Media Composer tools and techniques are introduced relating to editing, audio mixing, audio effects, visual effects, color correction, and digital file delivery. Technical operations are covered, including ingest, output, and media management, edit bay procedures, protocol, and best practices. Upon successful completion of this course, the student will develop the skills needed to enter the film industry as a post production PA, in assisting with preparing dailies, or as an assistant editor.
Lab Hours: 6. Prerequisite: GFA 1040.

GFA 2050 - Introduction to Special Makeup Effects (6 credits)
GFA 2050: Introduction to Special Makeup Effects is designed to provide students with entry-level skills and industry-standard based knowledge in practical Special Effects (SFX) Make Up for major film and television production. Students will participate in goal-oriented hands-on class projects including fabrication, material safety, use casting materials, professional make-up, sculpting, airbrushing, and design. An emphasis will be placed on set etiquette including, but not limited to, attitude, professionalism and technique on and off set. Students will also attend open lab sessions to participate in repetitious practice in order to refine their special FX make-up creation skills.
Lab Hours: 6. Prerequisite: GFA 1000.

GFA 2060 - Production Accounting & Office Management (6 credits)
GFA 2060: Production Accounting & Office Management is designed to give students a broad understanding for working within the Production Accounting and Production Office departments in the film and television industry, including the ability to identify the key players in each department and define their responsibilities. The Production Office component of this course will focus on the relationship between the Production Office and the overall production and the importance of the communication hub that exists between the Office, Set and Post. The Accounting component of this course will focus on the guidelines and reporting practices that are used to track and manage the finances of a production. Practical elements will be created through the use of actual production software and scenario simulations.
Lab Hours: 6. Prerequisite: GFA 1000.

GFA 2510 - Event Management for Digital Entertainment & Esports (6 credits)
This course is designed to equip students with entry-level skills and knowledge in digital entertainment and Esports events production, including tournament operation and administration,
event management, talent management, live broadcast (aka "streaming"), on-air personality skills, social and community management, and post-production. With an emphasis on practical
application, students have the opportunity to gain experience in the technical and production roles. Students will have access to industry-standard software and equipment to gain a working familiarity with these tools, taught in a professional live digital entertainment and Esports production facility.
Lecture Hours: 6. Prerequisite: GFA 1500.

GFA 2520 - Hosting & Casting for Digital Entertainment & Esports (6 credits)
This course is designed to equip students with entry-level skills and knowledge of hosting and live-casting for Digital Entertainment and Esports. Students will develop techniques for on camera and public speaking scenarios. Topics will include play-by-play casting, analyst desk hosting, breath and tone control, pickups and drops, and interviewing. Students will study the
appropriate style and tone for various genres of Digital Entertainment and Esports casting as they create an industry-standard demo reel.
Lecture Hours: 6. Prerequisite: GFA 1500.

GFA 3070 - Film & Television Costumes & Wardrobe (6)
GFA 3070 equips students with industry-standard, fundamental knowledge and essential entry-level skills in costuming and wardrobe to facilitate their entry and advancement in film and television production. Special emphasis is placed on design inspiration and construction techniques.
Lecture Hours: 0. Lab Hours: 6. Prerequisite: GFA 1000 Introduction to Film & Television Production.

GFA 3080 - The Camera Department for Film & Television (6)
The Camera Department for Film and Television equips students with the practical skills and knowledge of camera gear and job functions on a motion picture or episodic television set to facilitate their entry and advancement in the film business. A fundamental understanding of the pre-production process for a Director of Photography will be developed and students will learn how to film and transition smoothly in a multi-scene production while defending their shot choices.
Lecture Hours: 0. Lab Hours: 6. Prerequisite: GFA 1000 Introduction to Film & Television Production.

GFA 3140 - Introduction to Sound Design with Avid Pro Tools 100 (6 credits)
GFA 3140: Introduction to Sound Design with Avid ProTools 100 introduces students to post production utilizing Avid's audio editing software. The course is designed to certify and equip students with a unique skillset and knowledge of the digital audio editorial process in order to facilitate their entry and advancement in the film and television post-production industry. This course will implement Avid's PT101 and PT110 curriculum and students who successfully pass Avid's two certification exams will earn the credential of "Avid Certified User" in ProTools, a globally recognized certification. In addition, students will learn industry best practices for digital audio processes and workflows within a professional sound department. Emphasis will be placed on the technical aspects of industry standard digital audio tools; including attire, professionalism and technique in and out of the room.

Upon completion, students will have a broad base of knowledge that will allow him/her to integrate with a digital audio team from the first day. This knowledge includes, but is not limited to, the equipment, techniques, communications, specifications, etc. used in the digital audio department.
Lab Hours: 6. Prerequisite: GFA 1040.

GFA 3310 - Introduction to Unreal Engine (6)
GFA 3310: Introduction to Unreal Engine provides students with the knowledge and practical skills necessary to utilize Unreal Engine for game development and virtual production at an
entry level. Unreal Engine is one of the world's most advanced tools for real-time 3D visuals and interactive experiences.
Lecture Hours: 0. Lab Hours: 6. Prerequisite: GFA 1040 Introduction to Film & Television Post-Production OR GFA 1500 Introduction to Digital Entertainment, Esports & Game Development.

GFA 4000 - Film, Television & Digital Entertainment Apprenticeship (6 credits)
Students develop the practical skills and fundamental knowledge for entry-level job positions in professional film and television productions or esports and game development industries through hands-on experience when placed in a dedicated craft-specific apprenticeship. The apprenticeship placement will be in conjunction with the student's certification pathway: "Film & Television Production," "Film & Television Post-Production," or "Digital Entertainment, Esports & Game Development." Students document their acquired knowledge through journals
and reports. The course emphasizes career development through networking opportunities, guest speakers, creation of resumes and portfolios, OSHA-certified safety training, career research, and job search techniques in required asynchronous weekly lessons that include required readings, written assignments, tests and other individual activities. Because of the compressed and sometimes unusual scheduling nature of film production and digital entertainment industries, students must have flexibility in their own schedules to be able to work on these projects. To be selected to participate in an apprenticeship, a student must commit to working, as scheduled, the full term of the project and must follow all professional standards.
Lecture Hours: 2. Lab Hours: 4. Prerequisite: GFA 1000 Introduction to Film & Television Production OR GFA 1040 Introduction to Film & Television Post-Production OR GFA 1500 Introduction to Digital Entertainment, Esports & Game Development; AND at least one other GFA Specialty Craft Course in chosen Certification Pathway.

GFA 4040 - Advanced Editing with Avid Media Composer 200 (6 credits)
GFA 4040: Advanced Editing with Avid Media Composer 200 builds upon the knowledge gained at the 100-level by implementing Avid's MC 201 and MC 210 Professional Editing curriculum. Students who pass Avid's two certification exams will earn the industry post-production credential of "Avid Certified Professional" in Media Composer. With the step-by-step guidance from an Avid Certified Professional Instructor, students will learn the skills needed to optimize editing workflows, streamline the ingestion process and manage media files. Students will also learn advanced picture editing techniques, how to prepare for multi-camera editing, and how to work with graphics and mattes. Additionally, this course introduces compositing with the 3D Warp effect, color correction, and some of the wide range of audio tools and effects included in Media Composer.

Focusing on real world workflows, concepts, and techniques, Media Composer Professional Editing takes students to a higher level of understanding and editing ability, providing the knowledge to distinguish themselves as post-production professionals.
Lab Hours: 6. Prerequisite: GFA 1040 Introduction to Film & Television Post-Production and GFA 2040 Fundamentals of Editing with Avid Media Composer 100.

GFA 4100 - Production Crew Practicum (6)
GFA 4100: Production Crew Practicum provides students with career development through experiential learning in film and television production by supporting graduate candidates as crewon their thesis films, for the duration of their film. The course is offered in cooperation with GFC graduate partner institutions. Practicum students will also research career paths and develop a portfolio of work.
Lecture Hours: 0. Lab Hours: 6. Prerequisite: GFA 1000 Introduction to Film & Television Production AND at least one other GFA Specialty Craft Course in the Film & Television Production Pathway.

GFA 4140 - Advanced Sound Design with Avid Pro Tools 200 (6 credits)
The theory and practices of film and television sound design are presented through lecture, demonstration, and hands-on exercises. The curriculum is designed to incorporate the industry standard Avid Pro Tools Certified Training in the most recent Production 1 (PT201) and Production 2 (PT210) courses. Avid's certification training is supplemented with academic curriculum, including but not limited to: an historical immersion in the sound design process and tools; current processes, procedures and terminology; project development; file interchanges; multitrack mixing; and program automation. Technical operations are covered, including: optimizing and configuring sessions; managing audio and video media; editing and processing of audio; plug-in automation; requirements of various destination platforms; and exporting deliverable to finalize a production. Upon successful completion of this course, students will demonstrate the skills needed for advancing careers in film and television post-production. Emphasis will be placed on understanding industry standards and employer expectations for professional film and television post-production. Rigorous study of the PT201 and PT210 books, combined with hands-on practice, in and outside of class, will greatly aid in successfully passing Avid's two certification exams. While Avid certification is not required for successful completion of the course, passing the two certification exams will earn the student the credential of Avid Pro Tools Certified Professional, recognized worldwide as an industry standard for sound editors in feature film and broadcast television.

Lab Hours: 6. Prerequisite: GFA 1040 Introduction to Film & Television Post-Production and GFA 3140 Fundamentals of Sound Design with Avid Pro Tools 100.

GRMN - German

GRMN 1001 - Elementary German I (3 credits)
This is an introductory course in which students will develop basic communication skills in German, including listening, speaking, reading, and writing. Students will also be introduced to the culture of the German-speaking world.
Students who have completed two or more years of high school German should refer to the placement policy for language courses.

Lecture Hours: 3 hours.

GRMN 1002 - Elementary German II (3 credits)
This is a continuation of GRMN 1001 in which students will further develop basic communication skills in German, including listening, speaking, reading, and writing, and learn about the culture of the German-speaking world.
Limitations Note: Students who have completed two or more years of high school German should refer to the placement policy for language courses.

Lecture Hours: 3 hours. Prerequisite: At least a 'C' in GRMN 1001 or placement test.

GRMN 2001 - Intermediate German I (3 credits)
A continuation of the development of proficiency in the language skills, which include listening, speaking, reading, and writing. Students will be exposed to discussion in German, written compositions, selected literary works, and the culture of the German-speaking world.
Lecture Hours: 3 hours. Prerequisite: At least a C in GRMN 1002 or permission of instructor.

GRMN 2002 - Intermediate German II (3 credits)
A continuation of GRMN 2001 utilizing language skills in listening, speaking, reading, and writing. Students will further be exposed to discussion in German, written compositions, selected literary works, and the culture of the German-speaking world.
Lecture Hours: 3 hours. Prerequisite: At least a C in GRMN 2001 or permission of instructor.

HEXS-Health-Exercise

HEXS 1020 - Aerobic Exercise l (1 credits)
A physical activity course that teaches the fundamentals of a variety of aerobic exercises such as Tae Bo, Step Aerobics, Pilates, and more.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1021 - Aerobic Exercise ll (1 credit)
A continuation of HEXS 1020 that teaches more advanced skills and knowledge of aerobic exercise.
Lecture Hours: 0 hours. Lab Hours: 2 hours. Prerequisite: HEXS 1020 or permission of instructor.

HEXS 1040 - Archery (1 credit)
A physical activity course that teaches the fundamentals of archery.
Lab Hours: 2 hours.

HEXS 1060 - Badminton I (1 credit)
A physical activity course that teaches the fundamentals of badminton.
Lab Hours: 2 hours.

HEXS 1061 - Badminton II (1 credit)
A continuation of HEXS 1060 that teaches more advanced skills and knowledge of Badminton.
Lab Hours: 2 hours. Prerequisite: HEXS 1060 or permission of instructor.

HEXS 1080 - Baseball l (1 credit)
A physical activity course that teaches the fundamentals of baseball.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1081 - Baseball ll (1 credit)
A continuation of HEXS 1080 that teaches more advanced skills and knowledge of baseball.
Lecture Hours: 0 hours. Lab Hours: 2 hours. Prerequisite: HEXS 1080 or permission of instructor.

HEXS 1100 - Basketball I (1 credit)
A physical activity course that teaches the fundamentals of basketball.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1101 - Basketball ll (1 credit)
A continuation of HEXS 1100 that teaches more advanced skills and knowledge of basketball.
Lecture Hours: 0 hours. Lab Hours: 2 hours. Prerequisite: HEXS 1100 or permission of instructor.

HEXS 1120 - Body Conditioning (1 credit)
A physical activity course that teaches the benefits of physical fitness through individualized exercise programs.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1140 - First Aid and CPR (1 credit)
A physical activity course that teaches students how to respond to medical emergencies as a community member. Students will have the opportunity to acquire American Heart Association certifications in Adult CPR/AED and Standard First Aid.
Lab Hours: 2 hours.

HEXS 1160 - Golf l (1 credit)
A physical activity course that teaches the fundamentals of golf. Extra fees are required.
Lab Hours: 2 hours.

HEXS 1161 - Golf ll (1 credit)
A continuation of HEXS 1160 that teaches more advanced skills and knowledge of golf. Extra fees are required.
Lecture Hours: 0 hours. Lab Hours: 2 hours. Prerequisite: HEXS 1160 or permission of instructor.

HEXS 1180 - Pickleball (1 credit)
A physical activity course that teaches the fundamentals of pickleball: an indoor sport that combines the sports of tennis and badminton.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1181 - Pickleball II (1 credit)
A continuation of HEXS 1180 that teaches more advanced skills and knowledge of Pickleball.
Lab Hours: 2 hours. Prerequisite: HEXS 1180 or permission of instructor.

HEXS 1202 - Self Defense for Women (1 credit)
A physical activity course that teaches self defense skills for women.

Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1220 - Snow Skiing/Boarding l (1 credit)
A physical activity course that teaches the fundamentals of snow skiing or snowboarding. This course occurs in December at a location out of state. Extra fees are required.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1221 - Snow Skiing/Boarding ll (1 credit)
A continuation of HEXS 1220 that teaches more advanced skills and knowledge of snow skiing or snowboarding. Course occurs in December at a location out of state. Extra fees are required.
Lecture Hours: 0 hours. Lab Hours: 2 hours. Prerequisite: HEXS 1220 or permission of instructor.

HEXS 1240 - Soccer l (1 credit)
A physical activity course that teaches the fundamentals of soccer.
Lab Hours: 2 hours.

HEXS 1241 - Soccer ll (1 credit)
A continuation of HEXS 1240 that teaches more advanced skills and knowledge of soccer.
Lecture Hours: 0 hours. Lab Hours: 2 hours. Prerequisite: HEXS 1240 or permission of instructor.

HEXS 1260 - Softball I (1 credit)
A physical activity course that teaches the fundamentals of softball.
Lab Hours: 2 hours.

HEXS 1261 - Softball ll (1 credit)
A continuation of HEXS 1260 that teaches more advanced skills and knowledge of softball.
Lecture Hours: 0 hours. Lab Hours: 2 hours. Prerequisite: HEXS 1260 or permission of instructor.

HEXS 1280 - Swimming (1 credit)
A physical activity course that teaches swimming and water safety.
Lab Hours: 2 hours.

HEXS 1300 - Tennis (1 credit)
A physical activity course that teaches the fundamentals of tennis.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1320 - Ultimate Frisbee (1 credit)
A physical activity course that teaches ultimate Frisbee: an exciting, non - stop action game.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1321 - Ultimate Frisbee II (1 credit)
A continuation of HEXS 1320 that teaches more advanced skills and knowledge of Ultimate Frisbee.
Lab Hours: 2 hours. Prerequisite: HEXS 1320 or permission of instructor.

HEXS 1340 - Volleyball (1 credit)
A physical activity course that teaches the fundamentals of volleyball.
Lab Hours: 2 hours.

HEXS 1341 - Volleyball II (1 credit)
A continuation of HEXS 1340 that teaches more advanced skills and knowledge of Volleyball.
Lab Hours: 2 hours. Prerequisite: HEXS 1340 or permission of instructor.

HEXS 1360 - Walking/Jogging (1 credit)
A physical activity course that teaches cardiovascular fitness with individualized walking and jogging programs.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

HEXS 1380 - Weight Training I (1 credit)
A physical activity course that teaches the fundamentals of weight training.
Lab Hours: 2 hours.

HEXS 1381 - Weight Training ll (1 credit)
A continuation of HEXS 1380 that teaches more advanced skills and knowledge of weight training.
Lecture Hours: 0 hours. Lab Hours: 2 hours. Prerequisite: HEXS 1380 or permission of instructor.

HEXS 1700 - Stability Ball Training (1 credit)
This course is designed to introduce the student to stability ball training which promotes balance and core muscular stabilization. The student will also gain knowledge of stability ball utilization for increasing cardio respiratory endurance, muscular strength, muscular endurance, and flexibility.
Lab Hours: 1 hour.

HIST - History

HIST 1006 - Perspectives on America at War (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communications through an introduction to the study of history. This course contains an online Critical Thinking and Oral Communications component (CTOC). In addition, traditional classroom work will focus on American Military History in its larger social, political, economic and diplomatic contexts. The course offers an opportunity to develop critical thinking skills, and to create and present original arguments in an oral form.
Lecture Hours: 4 hours.

HIST 1007 - Perspectives on Sinners and Saints (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communications through an introduction to the study of biography in historical context. This course contains an online Critical Thinking and Oral Communications component (CTOC). In addition, traditional classroom work will focus on biographical writing about important but controversial historical actors or social groups in their larger political, social, and cultural contexts. This course offers an opportunity to develop critical thinking skills and to create and present original arguments in an oral form.
Lecture Hours: 4 hours.

HIST 1111 - History of World Civilization to 1650 (3 credits)
This is a survey of world history to early modern times. Special emphasis will be placed on the political, intellectual, cultural, and economic aspects of early civilizations in the world environment.
Lecture Hours: 3 hours.

HIST 1111H - Honors History of World Civilization to 1650 (3 credits)
This is a survey of world history to early modern times. For advanced students, this course will place special emphasis on historical interpretation and provide opportunities to do directed research and/or special projects. This course is open only to students who have been admitted to the Honors Program. Special emphasis will be placed on the political, intellectual, cultural, and economic aspects of early civilizations in the world environment.
Lecture Hours: 3 hours. Prerequisite: Admission to the Honors Program.

HIST 1112 - History of World Civilization since 1650 (3 credits)
This is a survey of world history from early modern times to the present. Special emphasis will be placed on the political, intellectual, cultural, and economic aspects of modern civilizations in the world environment.
Lecture Hours: 3 hours.

HIST 1112H - Honors History of World Civilization since 1650 (3 credits)
This is a survey of world history from early modern times to the present. For advanced students, this course will place special emphasis on historical interpretation and provide opportunities to do directed research and/or special projects. This course is open only to students who have been admitted to the Honors Program. Special emphasis will be placed on the political, intellectual, cultural, and economic aspects of early civilizations in the world environment.

Lecture Hours: 3 hours. Prerequisite: Admission to the Honors Program.

HIST 1190 - History of World Religions (3 credits)
This course examines the rise and historical development of the major religious traditions of the world. Tracing the contours of nine major world religions, students will be introduced to a wide diversity of religious belief and practice in various cultures and contexts.
Lecture Hours: 3 hours.

HIST 2000 - Introduction to Historical Methods (3 credits)
This course explores the different types of evidence historians use to reconstruct the past and the methods of analysis for each type. Coverage will include the uses and limitations of each type of evidence, the contexts within which different methods are appropriate, the borrowing of methods of analysis from other disciplines, and the development of historical synthesis. Particular emphasis will be placed on professional integrity and the ethical use of evidence. Students may not take this course more than three (3) times without approval of the Department Chair.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 2111 - United States History to 1865 (3 credits)
This is a survey of U.S. history to the post-Civil War period. Special emphasis will be placed on the political, intellectual, cultural, and economic forces that transformed the U.S. during the period. Meets state legislative requirements for United States and Georgia history.
Lecture Hours: 3 hours.

HIST 2111H - Honors United States History to 1865 (3 credits)
This is a survey of U.S. history to the post-Civil War period. For advanced students, this course will place special emphasis on historical interpretation and provide opportunities to do directed research and/or special projects. This course is open only to those students who have been admitted to the Honors Program. Meets state legislative requirement for United States and Georgia history.

Lecture Hours: 3 hours. Prerequisite: Admission to the Honors program.

HIST 2112 - United States History since 1865 (3 credits)
This is a survey of U. S. history from the post-Civil War period to the present. Special emphasis will be given to the political, social, cultural, intellectual, and economic forces that transformed the U.S. during the period. Meets state legislative requirements for United States and Georgia history.
Lecture Hours: 3 hours.

HIST 2112H - Honors United States History Since 1865 (3 credits)
This is a survey of U.S. history from the post-Civil War period to the present. For advanced students, this course will place special emphasis on historical interpretation and provide opportunities to do directed research and/or special projects. This course is open only to students who have been admitted to the Honors Program. Meets state legislative requirement for United States and Georgia history.

Lecture Hours: 3 hours. Prerequisite: Admission to the Honors Program.

HIST 3000 - Historical Methods (3 credits)
This course explores the different types of evidence historians use to reconstruct the past, and the methods of analysis for each type. Coverage will include the uses and limitations of each type of evidence, the contexts within which different methods are appropriate, the borrowing of methods of analysis from other disciplines, and the development of historical synthesis. Particular emphasis will be placed on professional integrity and the ethical use of evidence. Students may not take this course more than three (3) times without approval of the Department Chair.
Lecture Hours: 3 hours. Prerequisite: At least a C in both HIST 2111 or HIST 2111H and HIST 2112 or HIST 1112H.

HIST 3010 - Introduction to Public History (3 credits)
This course is an introduction to key theoretical, methodological, and practical issues addressed by historians who bring history to a wider public. Issues include questions of audience and authority in presenting history; the relationship between history and memory; the politics and ethics of public history; and the applications of history in diverse formats and media.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3011 - Museum Studies (3 credits)
In this course students will learn about the history and functions of museums, their missions and management, diverse collections, exhibition programming, and how they interact with their audiences and communities. This course includes a survey of historical and contemporary examples of American museums with a specific focus on history museums. The course is suited to those considering or pursuing museum-related careers, as well as students who wish to study one of the ways in which historians engage with the public.
Lecture Hours: 3. Prerequisite: Students must earn a C or better in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3012 - American Architecture and Historic Preservation (3 credits)
Our built environment has stories to tell. In this course students will learn about the history and functions of historic preservation as it relates to the built environment in the United States. This course includes a survey of historical and regulatory examples of the historic preservation movement and provides students first-hand experiences with historical research as it relates to the built environment. The course is suited to those considering or pursuing work in the field of public policy, public history, and public administration.
Lecture Hours: 3. Prerequisite: Students must earn a C or better in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3013 - Introduction to Archives (3 credits)
In this course, students will develop an understanding of the historical development of the field of archives and engage with current issues, trends, and theories that are shaping the profession. The course explores the legal and ethical responsibilities of archivists, as well as the codes of conduct that have been developed and debated within the profession. Students will also gain practical experience using archival materials and methods.

Lecture Hours: 3. Prerequisite: Students must earn a C or better in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3015 - Introduction to Digital History (3 credits)
Digital history is the use of digital media for historical research, analysis, and interpretation. This course explores how digital techniques are changing and as well as how historians share their research, raising new possibilities and new challenges. This class will introduce students to the theories, practices, and technologies used in the field of digital history and digital humanities more broadly. The course will provide students with an understanding and hands-on experience with different approaches and technologies for collecting, analyzing, preserving, and presenting the past. Students will complete a series of individual and group-related digital history projects. As digital history is part of a larger field of digital humanities, this course may be also of interest to History, English, Art, or Media and Communication majors.
Lecture Hours: 3. Prerequisite: Students must earn a C or better in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3020 - Religions in World History (3 credits)
This course examines the history of religious ideas, practices, and movements and how they shaped the development of societies and states.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: C or better in HIST 1111, HIST 1112, HIST 2111, or HIST 2112.

HIST 3050 - The Ancient Mediterranean (3 credits)
This course examines ancient civilizations in and near the Mediterranean Sea. Coverage includes ancient Egypt and Mesopotamia, Greece, and Rome. Particular emphasis is placed upon the evolution of political, social, economic, and military systems and on the historical relationships among the major Mediterranean civilizations.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3100 - History of Latin America (3 credits)
This course is a survey of Latin American history and culture. The course examines the historical origins and development of Latin American society. Coverage includes pre-Colombian cultures, contrasting approaches to colonization in Spanish and Portuguese America, economic structures, race, post-independence political development, neocolonialism, dependency on outside powers, the influence of Marxism, and relations with the United States.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3150 - History of Africa to 1875 (3 credits)
This course covers African history from ancient Egyptian cultures through 1875. It will give the students an overview of major themes and events in pre-colonial African History. The course will examine material and social change, while considering how a variety of people shaped their worlds. The course emphasizes the richness and diversity of Africa's past and of the centrality of Africa in world history. It will also address how Africa's past has been contested and re-invented over the centuries.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3151 - History of Africa since 1875 (3 credits)
This course covers major events and important themes in African history since 1875. Important topics include the European conquest of Africa, African resistance and political movements under colonialism and the economic and political developments that ushered in the end to formal colonial rule. It will also cover the period of decolonization and consider historical reasons for post-colonial challenges and successes. Overall, it will explore the diversity of human experience in Africa during the colonial and post-colonial periods. It will also emphasize Africa's connections to broader trends in world history.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3200 - Traditional China (3 credits)
This course covers the history of Chinese civilization from ancient times to the early nineteenth century, with emphasis on its characteristic political, social, economic, and cultural developments. Coverage includes Chinese philosophy, gender roles, foreign relations, and governmental structures.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3210 - Modern China (3 credits)
This course covers the history of China from the nineteenth century to the present, with emphasis on political, social, economic, and intellectual developments. Particular emphasis is placed on the relationships among Chinese communism, capitalism, and traditional values.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3440 - Church, State and Society in Medieval Europe (3 credits)
This course covers European history from the fall of the Roman Empire through the voyages of Columbus. Topics include feudalism, the role of the church, the impact of mass migrations, the Crusades, the rise of universities, the Black Death, the emergence of nation-states, the guild system, the rise of vernacular literacy, and the Italian Renaissance.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3450 - The Crusades (3 credits)
This course examines Western European crusading not only against Muslims in the Middle East and Spain, but also against heretics in Western Europe and heathens in the Baltic. We will pay attention to the development of crusading as a concept in moral theology and canon law from its beginnings in the eleventh century to its gradual disappearance in early modern times.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3460 - Church, State and Society in the Renaissance and Reformation Era (3 credits)
This course is a study of major political, cultural, economic, and religious developments in Europe from 1400-1648. The course pays particular attention to the roots of Renaissance ideology, the connections between the Renaissance and the Protestant Reformation, and the cultural and artistic legacy of the Renaissance and Reformation.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3470 - Church, State and Society in the Age of Enlightenment (3 credits)
This course affords an in-depth look at the culture and society of early modern Europe and its colonies during the crucial period separating the aftermath of the European Reformations and the dawn of the nineteenth century. Special emphases will include social, political, literary, and religious thought of the late seventeenth and eighteenth century.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3480 - Europe in the 19th Century (3 credits)
This course addresses the social, political, and intellectual directions of European history from the Congress of Vienna to the end of the nineteenth century. Particular attention will be paid to the role of ideologies such as Romanticism, Conservatism, Liberalism, and Socialism and the evolution of political structures in Great Britain, Germany, France, Italy, and Russia.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3490 - Europe in the 20th Century (3 credits)
This course addresses major political, social, cultural, and economic developments in Europe since 1900. Particular emphasis will be placed on the impact of the First and Second World Wars, the rise and fall of communism, and the relationship between European nations and the United States.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3510 - Britain to 1688 (3 credits)
This course surveys the history of the British Isles until 1688. This course examines the major political, socioeconomic, intellectual, and religious developments in the British Isles (including Ireland, Scotland, and Wales) up to the Glorious Revolution. Specific areas examined include the indigenous Celtic populations, the Roman and Anglo-Saxon conquests, the formation of the Anglo-Norman kingdom, and the Tudor monarchy.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3511 - Great Britain since 1688 (3 credits)
This course surveys the history of the British Isles and British Empire since 1688. This course examines the major political, socioeconomic, intellectual, and religious developments in the British Isles since the Glorious Revolution. Special areas of interest include the development of democracy, industrialization, social-welfare measures, and Great Britain's engagement in global struggles from the eighteenth century wars to the Cold War.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3600 - World War I (3 credits)
This course focuses on the causes, course, and impact of the First World War. The course examines the political, economic, and social background of the conflict, as well as the far-reaching consequences of the war. An examination of major battles, military and political leaders, and the experience of soldiers will provide the context for understanding this historical era.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3610 - World War II (3 credits)
This course focuses on the causes of the Second World War as well as its tactical, strategic, and technological components. Particular emphasis will be given to the war's long-term social, political, and psychological consequences.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3700 - History of American Foreign Relations (3 credits)
This course covers history of American foreign relations from the early beginnings of the nation in 1776 to the present.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3710 - Colonial America (3 credits)
This course covers the discovery of the new world and the settlement and growth of the English colonies of North America.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3720 - Revolutionary America (3 credits)
This course will examine American History between 1763 and 1815. It will treat the causes and consequences of the American War for Independence, the era of the writing and implementation of the U.S. Constitution and the period leading to the War of 1812. Areas of emphasis will include the political, social, and economic development of America as well as the issues surrounding race, religion, and gender during the period of the French-Indian War and 1815.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3730 - America, 1815-1848 (3 credits)
This course covers United States history between 1815 and 1848 with attention to economic, political, social, and intellectual developments. Topics include the growth of a more democratic political culture; the market revolution and the commercialization of society; mass immigration and labor; revivalism, reform, manifest destiny, and the beginnings of modern American culture.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3750 - The Civil War and Reconstruction (3 credits)
This course focuses on the constitutional and economic causes of the U.S. Civil War as well as its tactical, strategic, and technological components. Particular emphasis is placed on its long term social, political, and psychological repercussions.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3760 - United States History 1877-1917 (3 credits)
This course covers U.S. political, social, and economic history from 1877 to 1917. Topics include Gilded Age materialism, consumer culture, industrialization, urbanization, westward migration, the rise of professional organizations, new technology, environmentalism, Populism, Progressivism, and the extension of U.S. influence beyond North America. Particular emphasis is placed on race, gender, ethnicity, and class.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3770 - United States History 1917-1960 (3 credits)
This course analyzes the institutions and forces that molded life in the United States from 1917 to 1960. Coverage will address issues of race, class, and gender as manifested in political, social, and economic changes, and emphasis will be placed on the changing role of the United States in global affairs.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3790 - United States History Since 1960 (3 credits)
This course analyzes the institutions and forces that molded life in the United States from 1960 to the present. Coverage will address issues of race, class, and gender as manifested in political, social, and economic changes, and emphasis will be placed on the changing role of the United States in global affairs.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3901 - Early African American History (3 credits)
This course treats the African backgrounds of African Americans, the institution of slavery, the development of African American community institutions, and African American participation in and impact on the Civil War and Reconstruction.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3902 - Modern African American History (3 credits)
This course is a survey of African American history from Reconstruction to election of Barack Obama as president of the United States. This course focuses on the institutions, persons, and ideas that contributed to the black freedom struggle against segregation, lynching, disfranchisement and toward racial equality in America. It will also analyze the development of twentieth-century urbanization and nationalism, and efforts toward black political power and cultural expression from the civil rights era to Obama's election and the arrival of post-Racial America.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3903 - History of the Civil Rights Movement (3 credits)
This course will examine the key events, figures, philosophies, tactics, and consequences of the modern civil rights movement in the United States. The period from 1955-1965 receives special attention, but the roots of the freedom struggle in an earlier era and the effect of the movement on recent American history also warrant investigation. This course will examine primary source documents, film, interpretive literature, and music in order to fully study the most powerful mass protest movement in modern US history. In addition, this course will concentrate on the powerful role played by whites, both in the North and the South, who fiercely resisted the black freedom struggle.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3930 - History of Georgia (3 credits)
This course covers the political, social, and economic history of the state of Georgia from colonial times to the present, including the vision of James Oglethorpe, early Cherokee land disputes, the rise of the cotton economy, the state's secession from the Union, Reconstruction, the Bourbon era, the effects of the New Deal, Martin Luther King, Jr., the fall of the county-unit system, and Jimmy Carter's election to the presidency. Particular emphasis will be placed on the state's relationship with the rest of the South and the rest of the nation.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 3999 - Special Topics in History (3 credits)
This course is an intensive study of a significant topic in history not otherwise covered in history course offerings.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4010 - The Atlantic World (3 credits)
This course explores the forces that pushed Europeans into Africa and the Americas from 1400 to 1800. It also examines the wide variety of societies that developed once Africans, Europeans, and Native Americans encountered each other around the Atlantic Ocean. Special attention is given to the role of indigenous peoples in North and South America, the rise and fall of slavery and the transatlantic slave trade, the influence of Africa in the Americas, and the differing economic, political, and social approaches to colonization by the various European powers.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4011 - Long Age of Revolutions (3 credits)
This course explores the 'Age of Revolutions' over a longer chronological scope than the traditional scholarship provides. While historians normally start the Age of Revolution with the American Revolution and end with the independence of Spanish America, this course takes a longue duree approach to the subject of 'revolutions.' The course explores the ideological evolution of revolutionary language and the origins of revolutions from the Early Modern to the Modern Period.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4020 - Technology, Environment and Empire (3 credits)
This course examines the creation, and political, social, and economic development of empires and their decline from ancient times to the present. Particular emphasis is placed on technological and cultural centralization and diffusion, historical forms of empire, and the scholarly debates surround the concept of empire.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4030 - Histories of Colonization (3 credits)
This course examines histories of colonization in comparative perspective. Using an interdisciplinary approach, it examines the social, political, economic, and cultural impacts of colonization. It considers both how societies have challenged colonialism and the extent to which colonial legacies continue to affect the world. Students will read extensively from sources addressing multiple regions affected by colonization.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4040 - Humans and their Environment since 1945 (3 credits)
This course covers environmental issues in the context of twentieth century global politics. The approach is interdisciplinary, and integrates history, economics, sociology, and geography.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4100 - Material Culture Studies (3 credits)
Historians often use documents in their research, and this course will help students investigate ways to utilize material culture artifacts as historical sources. Material culture is defined as the interconnection of tangible, human-made forms in contexts representing cultural ideas and practices. Students will explore material culture methodologies as well as research and analyze how artifacts can embody regional, ethnic, gender, religious, and class associations. Students will read studies produced by material culture scholars (rooted in a wide range of humanities and social science areas) and will gain hands-on experience researching and interpreting physical objects. This course may appeal both to those students who wish to think broadly about historical sources as well as those who may wish to pursue a career in public history.
Lecture Hours: 3. Prerequisite: Students must earn a C or better in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4110 - Historic Site Interpretation (3 credits)
This course aims to introduce students to the many issues and challenges in developing creative and engaging interpretation at historic sites and museums. Interpretation of historic sites will be explored through readings, discussions, field trips, case studies, guest speakers, and individual and group assignments. The primary topics to investigate will include historical significance and relevancy as well as on-line and on-site interpretive methods. The class will be introduced to new trends in interpretation and the challenges in developing engaging interpretive programs at a variety of historic sites. Students in this course will have an opportunity to participate in case studies that critique and analyze interpretation at several local historic sites. Students will gain practical public history experience by developing an interpretive planning project for a local history site.
Lecture Hours: 3. Prerequisite: Students must earn a C or better in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4221 - Premodern Japan (3 credits)
This course covers the political, social, and cultural history of Japan to 1600 CE, including prehistory, the Neolithic, the development of the early Japanese state, the classical period, and the medieval period.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4222 - Modern Japan (3 credits)
This course covers the political, cultural, and social history of Japan since 1600 CE, from the Tokugawa Shogunate through the twentieth century.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4290 - Modern Russia (3 credits)
This course covers Russian history from Peter the Great to the present, economic, and social developments of Russia in both the imperial and Soviet periods, and the collapse of the Soviet Union. Particular emphasis is placed on the role of class divisions and the evolution of a state-managed economy.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4310 - Medieval Popular Religion (3 credits)
This course will introduce students to the primary source materials pertaining to medieval popular religion, and, based on those materials and select secondary sources, students will explore clerical and lay spirituality in the Middle Ages, the boundaries and overlap between the two, and the possibilities of dissent.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4330 - Modern Germany (3 credits)
This course covers the history of Germany from the mid-eighteenth century through reunification. Emphasis is on changing definitions and uses of German nationalism from Frederick the Great through the present, including the actions of Bismarck, Hitler, and Adenauer. Coverage includes German cultural, social, and economic trends examined within the evolving framework of German political traditions.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4335 - History of Nazi Germany (3 credits)
This course covers the history of Germany from 1933 through 1945. Topics will include the origins of the Nazi Party, Hitler's rise to power, the Holocaust, the Second World War, and the impact of the Nazi period on German cultural, social and political life.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4336 - The Holocaust (3 credits)
This course will examine the historical roots of modern anti-Semitism and the rise of the Nazis in Germany. Particular emphasis will be placed on the implementation of Nazi extermination policies, the reaction of neighboring countries, the results of the Holocaust, and its implications for the post-World War Two period.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4700 - Multicultural America (3 credits)
This course investigates the role of religion, race, and ethnicity in the United States from the colonial period to the present. Focusing on the interaction between religious, racial, and ethnic identities among native peoples, slaves, immigrants, and the white majority, the course explores the ways that race, ideas of racial superiority and inferiority, and ethnicity shaped the history of the United States. Particular emphasis is placed on the social evolution of communities in America that are identifiable by race, religion, or ethnic identity, with attention to the ways these factors helped shape important political developments.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4710 - Religion and Politics in American History (3 credits)
This course surveys the role of religion in crucial periods of American political history from the Colonial period to the contemporary era. This is a reading/lecture/discussion course designed to introduce the student to the religious and cultural forces that shaped the nation's most important political movements and their efforts to recreate the nation in their own image.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4720 - History of Religion in America (3 credits)
HIST 4720 is a reading/ lecture/ discussion course designed to introduce the student to the role of religion in history of the United States. Primary attention will be given to the historical development of religious ideas and institutions and their interaction with the development of American culture.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4740 - American Environmental History (3 credits)
This course will examine the role of environment in U.S. History. Topics will include agrarianism, land policies, the role of the market system, cultural significance, environmental preservation and historic recreation.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4760 - Gender, Marriage and Family in American History (3 credits)
This course will examine the history and meaning gender, marriage, and the family in American History from the colonial era through present day. Particular emphasis will be placed on the ways in which structures and meanings of these institutions have changed over time. The meanings of both femininity and masculinity will be considered in the context of how Americans have defined the proper ordering of society and familial relations. The history and meaning of the institutions of marriage and the family will be analyzed as a reflection of the religious intellectual, political, economical, social, and cultural trends of the American past.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4777 - Early Native America (3 credits)
This course explores the history of Native Americans from prehistoric times to the end of the mid-nineteenth century. The course will focus on the creative adaptations of Indians to the great changes unleashed by European and U.S. colonialism.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4778 - Modern Native America (3 credits)
This course explores Native American life in and around the United States since the mid-nineteenth century. The course will focus on the creative adaptations of Indians of the great changes unleashed by U.S. colonialism.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4820 - The Old South (3 credits)
This course explores the origins and development of the southern United States from colonial times through the early nineteenth century. Coverage will include political, social, economic and cultural phenomena. Particular emphasis will be placed on class divisions, and on the role of cash crop agriculture and slave labor in the development of southern political and social attitudes.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4821 - The New South (3 credits)
This course explores the development of the southern United States from the late nineteenth century to the present. Coverage will include political, social, economic and cultural phenomena. Particular emphasis will be placed on class and racial divisions, the persistence of southern poverty, and the development of southern political and social attitudes.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 1111, HIST 1111H, HIST 1112, HIST 1112H, HIST 2111, HIST 2111H, HIST 2112, or HIST 2112H.

HIST 4895 - History Internship (3 credits)
The History Internship provides students with an opportunity to apply their academic training, knowledge, and skills by working in an appropriate position with an off-campus company or organization. Arrangements for internships must be made by the student a semester in advance of the internship and receive approval from the Department Head.
Lab Hours: 3 hours. Prerequisite: Departmental Approval.

HIST 4898 - Research Practicum I (3 credits)
This course involves students in faculty-directed advanced research projects with the objective being a work of professional scholarship. Space is limited.
Lecture Hours: 3 hours. Prerequisite: Departmental Approval.

HIST 4899 - Research Practicum II (3 credits)
This course involves students in extended faculty-directed advanced research projects with the objective being a publishable work of professional scholarship. Space is limited.
Lecture Hours: 3 hours. Prerequisite: HIST 4898 or Departmental Approval.

HIST 4930 - Research Seminar in American History (3 credits)
In this course students will construct a detailed analysis of a specific problem, theme, or topic in American history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources. Students may not take this course more than three (3) times without approval of the Department Chair.
Lecture Hours: 3 hours. Prerequisite: At least a C in HIST 2000, and at least fifteen additional credit hours in history at the 3000 level or higher.

HIST 4940 - Research Seminar in Non-US History (3 credits)
In this course students will construct a detailed analysis of a specific problem, theme, or topic in non-United States history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources. Students may not attempt this course more than three (3) times without approval of the Department Chair.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in HIST 2000, and at least fifteen additional credit hours in history at the 3000 level or higher.

HLSA - Health Services Administration

HLSA 3000 - Research Methods for Health Sciences (3 credits)
This course provides an introduction to research principles and methods involved in planning, designing, analyzing, interpreting, and communicating research. Emphasis is placed on research designs and outcomes that will enable students to become critical consumers of professional health care literature.
Lecture Hours: 3 hours. Prerequisite: MATH 1401.

HLSA 3100 - Leadership in Health Care (3 credits)
This course is designed to provide students with a comprehensive understanding of the theories, models, and responsibilities of leadership within the health care system. Emphasis is put on enabling and empowering students to become better leaders in practice, and to develop an efficacious personal leadership model.
Lecture Hours: 3 hours.

HLSA 3310 - American Health Care System (3 credits)
This course examines the health care delivery system of the United States from a systems perspective in terms of historical and current development. The course includes the political, cultural, philosophical, and social factors which have influenced the evolution of the health care delivery system.
Lecture Hours: 3 hours.

HLSA 3315 - Holistic Health Care Services (3 credits)
This is an introduction to comprehensive and total care of an individual. In the holistic approach to health care, needs are explored in all areas of functioning such as physical, emotional, social, spiritual, and economic. Topics will include strategies and treatment in the prevention of disease and the attainment and maintenance of wellness.
Lecture Hours: 3 hours.

HLSA 3320 - Health Care Management (3 credits)
This course presents the foundation of management principles and processes and their changing role in health care organizations. The major management functions of decision making, planning, organizing, staffing, leading, and controlling will be explored.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310. Corequisite: HLSA 3310.

HLSA 3340 - Public Administration and Health Care (3 credits)
This course presents a study of government bureaucracies and their relationship to the American health care system. Students who have not met the stated prerequisite(s) may get the permission of instructor to enroll in the course.
Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H.

HLSA 3345 - Government, Politics, and American Health Care (3 credits)
This course presents a study of government bureaucracies and their relationship to the American health care system.
Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H.

HLSA 3350 - Public Health & Epidemiology (3 credits)
This is an introduction to the essentials of public health and epidemiology which includes the study of contemporary health issues critical to the operation of infection control in the acute care hospital and ambulatory care centers.
Lecture Hours: 3 hours.

HLSA 3360 - Quality Management and Improvement (3 credits)
This is an introduction to the management of quality in health care services, including the types and forms of measuring quality. The focus will be on outcome-based assessment. Discussion will include the requirements of various regulatory organizations which assess and monitor quality in health care settings.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310.

HLSA 3370 - Women's Issues In Healthcare (3 credits)
This is a survey of women's specific health issues and medical care, promotion of health and prevention of illness, and a study of the tools needed by today's healthcare administrators for creation of diverse and inventive leadership strategies.
Lecture Hours: 3 hours.

HLSA 3380 - Health Communications (3 credits)
This course provides an introduction to the fundamental communication principles used in health care, including provider-client communication and education, provider-provider communication, and intercultural health communication. This course will investigate the use of Social Media in Health Communication to address the profound shift that the internet, social networking, digital publishing and mobile media technologies (Facebook, Twitter, et al.) have on the communication and business landscape. The course examines empirical research in health communication, behavioral and rhetorical theories in health communication, legal and ethical concerns in health communication, and the communication topics, understand the theoretical foundations underlying differences in the ways individuals communicate about health, exhibit familiarity with health campaign strategies and organizational influences on health, and identify strategies for generating successful or beneficial health-related communication (as well as recognize problematic communicative trends).
Lecture Hours: 3 hours.

HLSA 3390 - Bioethics (3 credits)
This course provides an introduction to the major ethical theories and principles of bioethics. This knowledge will be applied to the analysis of ethical problems that arise in the health-care field. Topics include, for example, health care distribution, health care decision-making, assisted suicide and euthanasia, nonstandard reproduction and reproductive rights, the human genome project and the use of genetic information, and research involving human subjects.
Lecture Hours: 3 hours.

HLSA 3400 - Introduction to Sport and Fitness Management (3 credits)
This survey course illustrates the foundations and principles on which sport and fitness management operate, and also allows students to explore career opportunities in the field. Topics covered include facilities and personnel management, marketing, financial, legal and ethical principles as they relate to sport and fitness-related enterprises. It also explores the historical aspects, current state and future trends of the industry.
Lecture Hours: 3 hours.

HLSA 3410 - Introduction to Exercise Science (3 credits)
This course provides students with an introduction to the important aspects of exercise science, including areas of study, technology, research, certifications and career opportunities. general fitness principles, exercise physiology, and kinesiology. Topics covered include basic exercise physiology, exercise epidemiology, biomechanics, athletic training, motor control and learning, sport nutrition, and sport psychology.
Lecture Hours: 3 hours.

HLSA 3420 - Nutrition and Wellness (3 credits)
This course introduces the important relationship between nutrition, health promotion, and wellness in individuals and across populations. Topics of discussion include nutritional requirements and guidelines, nutritional needs at various ages and fitness levels, nutritional and exercise based weight management, and global nutrition issues.
Lecture Hours: 3 hours.

HLSA 3430 - Sports Facility Planning and Event Management (3 credits)
This course provides the knowledge and skill necessary to plan and manage sport and recreational facilities, as well as the events held in such facilities. Concepts covered include facility design, space planning, ticket sales, revenue generation, crowd security and risk management.
Lecture Hours: 3 hours. Prerequisite: HLSA 3400.

HLSA 3435 - Sports Marketing (3 credits)
This course provides an overview of the various aspects of sports marketing, including sports promotion, sponsorship, advertising and merchandising of sporting teams, athletes, events and goods. A variety of marketing techniques and approaches are analyzed to broaden students' backgrounds in this area and to better allow them to develop effective and comprehensive sports marketing plans.
Lecture Hours: 3 hours. Prerequisite: HLSA 3400.

HLSA 3440 - Fitness Across the Lifespan (3 credits)
This course is a study of the basic concepts relating to health and well-being across the lifespan, including physical, mental, emotional and socio-environmental dimensions of health. It will cover physical fitness and nutrition, health care services, sexuality and relationships, and current health problems.
Lecture Hours: 3 hours.

HLSA 3900 - Health Promotion and Education (3 credits)
Introduction to the professional field of health education and the fundamental concepts of health education and health promotion. The subject matter is rooted in the broad field of public health, with an emphasis on the roles of health promotion and illness prevention. Stress is placed upon the relationship between health, the social and physical environment, health care delivery and personal health behavior. Emphasis will be given to the process and practice of health promotion and the application of related health behavioral theories as models.
Lecture Hours: 3 hours.

HLSA 4000 - Special Topics in Health Care (1 - 6 credits)
Courses are designed to focus on topics that are not otherwise offered but for which there is a current need. Students are expected to do a project in the area of Health Care and will review appropriate related professional journal articles. Notes: This course may be repeated.
Prerequisite: HLSA 3310 and HLSA 3320, or permission of instructor.

HLSA 4100 - Human Resource Management in Health Care (3 credits)
This is an introduction to the management of human resources, including, recruiting, retention, training, counseling, termination, outsourcing, human resource legislation, etc. Issues related specifically to healthcare, including Joint Commission on Accreditation of Healthcare Organizations standards, medical staff credentialing, certification, etc.
Lecture Hours: 3 hours. Prerequisite: HLSA 3320.

HLSA 4200 - Independent Study (3 credits)
This course is individually designed under the direction of faculty to allow students opportunities to explore a specific area of interest. Note: This course may be repeated.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310 and HLSA 3320.

HLSA 4400 - Rural Health Care Services (3 credits)
This is an examination of the delivery and management of health care services in rural areas. The availability of services is directly impacted by the demographic, economic, and social conditions which exist within the rural environment.
Lecture Hours: 3 hours.

HLSA 4410 - Health Law & Ethics (3 credits)
This is an examination of the legal and ethical aspects of health care administration. Includes discussion of case studies illustrative of the current legal and political environment in the health care industry.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310.

HLSA 4420 - Long Term Care Administration (3 credits)
Restriction: Must be enrolled in Health Services Administration This course provides a foundation for understanding nursing home administration, the environment in which nursing homes operate, and the management processes which produce positive outcomes in the long-term care setting.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310.

HLSA 4425 - Ambulatory Care Services (3 credits)
Restriction: Must be enrolled in Health Services Administration. This course examines the management of various ambulatory health care settings, including subacute care, physicians' offices, community health centers, medical group practices, rehabilitation centers, and behavioral health centers/clinics. Exploration of legal and financial issues, clinical trends, and support services and their coordination will be emphasized.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310. Corequisite: HLSA 3320.

HLSA 4430 - Health Care Economics (3 credits)
This is an examination of the trends, financing, and principles of health economics. Includes an overview of both microeconomics and macroeconomics.
Lecture Hours: 3 hours.

HLSA 4435 - Managed Care (3 credits)
This is a study of the essentials of managed health care, including the various structures of managed care and the dynamic political and economic forces driving this approach to the financing and delivery of health care services.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310.

HLSA 4440 - Environmental Health (3 credits)
This course is intended to provide basic understanding of environmental factors and their effects on people and communities. Topics include the tools used in the field (epidemiology, toxicology and policies and regulations), specific agents of environmental diseases (microbial agents, chemicals, radiation), and applications and domains of environmental health (water and air quality, food safety, waste disposal, and occupational health).
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: HLSA 3310 and HLSA 3320 or permission of instructor.

HLSA 4450 - Applied Learning Experience (3 credits)
Restriction: Must be enrolled in Health Services Administration
Experiences will be individually designed by program faculty.

Lab Hours: 9 hours.

HLSA 4451 - Applied Learning Experience II (3 - 6 credits)
Restriction: Must be enrolled in a Department of Health Services degree program. Experiences will be individually designed by program faculty.
Lab Hours: 9 hours. Prerequisite: HLSA 4450 and permission of instructor.

HLSA 4452 - Health Service Administration Capstone (3 credits)
This course is designed for individuals who are unable to engage in HLSA 4450/4451. Students will begin by identifying a healthcare organization and solidifying a mentor within the organization who will assist the student in the identification of a healthcare administration problem or issue. As one of the student's final courses, this capstone serves as an avenue for students to design a well thought out research plan/project for a healthcare organization of choice and discover a solution to the problem/issue. The solution must be implemented within the organization and evaluated for effectiveness. Students must consider costs, time constraints, research feasibility, and any ethical and legal issues associated with the project.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Restriction: Must be enrolled in Health Services Administration.

HLSA 4463 - Case Management Concepts and Services (3 credits)
The philosophy and principles of case management, including identifying treatment modalities, establishing goals and treatment plans through assessment of clinical information, establishing referral sources, and becoming a patient/client advocate.
Lecture Hours: 3 hours.

HLSA 4470 - Design & Management (3 credits)
An overview of the field of health informatics, fundamental concepts of information systems, and day-to-day management and applications of information systems in healthcare. This course is designed to develop intelligent consumers/managers of healthcare information technology.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310.

HLSA 4475 - Regulatory Aspects of Long Term Care (3 credits)
The structure, function, and role of accreditation agencies for long term care institutions are examined. Emphasis is placed on the examination of the accreditation process and mechanisms that allow it to be in compliance with accreditation standards and guidelines. Federal, state, and local legislation regulations and their relationship to accreditation and approval are addressed.
Lecture Hours: 3 hours. Prerequisite: HLSA 3310, HLSA 3320, HLSA 4420.

HLSA 4480 - Health Care Financial Management (3 credits)
This is an introduction to accounting terminology and procedures, financial statements, the budgeting process, and financial decision making in health care organizations. Emphasis will be placed on the use of financial information in administrative decision making.
Lecture Hours: 3 hours. Prerequisite: ACCT 2000. Corequisite: ACCT 2000.

HLSA 4490 - Integrative Issues in Health Care Administration (3 credits)
This capstone course serves to integrate the issues dealing with the most current health care system changes. Factors impacting upon the system such as economic trends, legal/ethical issues, employment trends, new technological developments, and population demographics will be explored and discussed, including the implications of these factors for the management of various types of health care organizations. This should be the student's final course.
Restriction: Must be enrolled in Health Services Administration
Lab Hours: 3 hours.

HLTH - Health

HLTH 1101 - Health (2 credits)
Study of mental and emotional health, cardiovascular disorders, human reproduction, sexually transmitted diseases, drugs, and principles of physical fitness, nutrition and weight management.
Lecture Hours: 2 hours.

HS - Health Science

HS 1000 - Perspectives on Health Care Professions (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to healthcare professions. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to issues of healthcare professionals and to gain experience in developing and presenting original arguments in oral forms. Students will utilize available technologies, research a related health care issue both on the Internet and in the library, prepare a paper using a word processor, and provide an oral presentation about the healthcare issue they research. Note: This class is a four credit hour class consisting of lectures, guest speakers, field trips, and/or group activities.
Lecture Hours: 4 hours.

HS 1002 - Perspectives on Death and Dying (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to death and dying. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to issues of death and dying and to gain experience in developing and presenting original arguments in oral forms. Loss, death, and the process of dying will be examined from physiological, psychological, sociocultural, and ethical/legal perspectives. The idea of death across the lifespan will be approached from viewpoints of the individual, family, significant others, and health care providers. The concepts of death with dignity will be explored. Using available technology, students will research a related topic on the Internet and prepare a paper using word processing.
Lecture Hours: 4 hours.

HS 1003 - Perspectives on Wellness (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to wellness. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to issues of wellness and to gain experience in developing and presenting original arguments in oral forms. Based on the most current, accurate health information available, this course focuses on the basic components of wellness and physical fitness in an individualized manner. Students learn to make decisions concerning personal health behaviors by developing and regularly updating a personal plan for physical fitness and wellness. The concepts of exercise, nutrition, illness prevention, and various other dimensions of well-being will be explored. Students will use computer software to develop a personalized nutrient analysis. Through group process, students will prepare and present orally to the class various concepts of wellness and fitness. Using available technology, students will research a related topic on the Internet and prepare a paper using word processing.
Lecture Hours: 4 hours.

HS 1004 - Perspectives on Women's Health (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to women`s health. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of women`s health and to gain experience in developing and presenting original arguments in oral forms. This course reviews issues related to women's levels of wellness throughout the lifespan. Maturation of the female from puberty to the older adult will be explored. Issues such as reproductive health, pregnancy, cancer, sexually transmitted diseases, the female heart, and physical disorders will be discussed. Students will put together a journal that will be reflective of their own health status. Also students will utilize library resources and online material to prepare a paper on a women's health topic of interest and develop an oral presentation about the issue researched.
Lecture Hours: 4 hours.

HS 1005 - Perspectives on Ethics in Health Care (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to ethics in health care. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to ethical issues in health care and to gain experience in developing and presenting original arguments in oral forms. This course reviews the ethics of decision making within America's health care system. Ethical theories will be investigated and medical principles explored. Critical thinking skills will be explored for dealing with facts, concepts, basic principles, and ambiguity within the context of the ethical theories and medical ethical principles.
Lecture Hours: 4 hours.

HS 2000 - Medical Terminology (3 credits)
This course is an introduction to medical terminology, providing students engagement with the language of healthcare including root words, prefixes, suffixes, and combining forms. The course includes the proper pronunciation and use of medical terms in clinical reports as well as an introduction to pharmacology including commonly used drugs.
Lecture Hours: 3 hours.

HUMN - Humanities

HUMN 1001 - Perspectives on Narrative (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to narrative. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of narrative and to gain experience in developing and presenting original arguments in oral forms. The course examines two things: 1) how one employs storytelling for the purpose of self-discovery and self-expression, 2) how a writer composes a story in the literary form called narrative. In addition to composing personal narratives, students study selected literary autobiographies.
Lecture Hours: 4 hours.

HUMN 1001H - Honors Perspective on Narrative (4 credits)
The course examines two things: 1) how one employs storytelling for the purpose of self-discovery and self-expression, and 2) how a writer composes a story in the literary form called narrative. In addition to composing personal narratives, students study selected literary autobiographies.
Lecture Hours: 4 hours.

HUMN 1002 - Perspectives on Society and Film (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to society in film. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of society in film and to gain experience in developing and presenting original arguments in oral forms. The course examines various connections between American films and American society and culture. Looking at films from different genres and different eras, the course will emphasize three general connections between film and society: how films record prevailing American values and attitudes, how films sometimes protest and attempt to change values and attitudes, and how some historical films attempt to revise our understanding of historical events and eras.
Lecture Hours: 4 hours.

HUMN 1003 - Perspectives on Humor, Romance, and War (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to humor, romance, and war. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of humor, romance, and war and to gain experience in developing and presenting original arguments in oral forms. This is an introduction to the relationships between the arts and culture. Through the study of various creative works of literature, print and visual media, theatre, and music, students will examine and respond to various creative cultural expressions that are prompted by war.
Lecture Hours: 4 hours.

HUMN 1004 - Perspectives on Ethics (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to ethics. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of ethics and to gain experience in developing and presenting original arguments in oral forms. This course examines ethical questions as reflected in literature and film from various times and places. Traditional theories of ethics and literacy interpretation will be used for analysis.
Lecture Hours: 4 hours.

HUMN 1005 - Perspectives on Prime-Time TV (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to prime-time TV. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of prime-time TV and to gain experience in developing and presenting original arguments in oral forms. The course will help students learn to better analyze their television viewing habits and interpret the messages TV communicates so as not to be passive consumers of information. As a result, students will learn to think more clearly and concretely about the effect television has on their lives and to think more deeply about cultural issues. The course will use prime-time TV as a vehicle for discussing the importance of making critical judgments.
Lecture Hours: 4 hours.

HUMN 1009 - Perspectives on Global Cultures (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to the social transformations of global culture. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will explore the topics of global population shifts, changing cultural identities, economic challenges resulting from these changes, and how these topics are depicted in various media. The course offers an opportunity for students to apply critical thinking skills to these global transformations and to gain experience in developing and presenting original arguments in oral forms.
Lecture Hours: 4 hours.

HUMN 1011 - Perspectives on Genre Fiction (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to genre fiction, which may include speculative, horror, fantastic, romantic, crime, or science fiction. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will examine and discuss texts in a particular genre and consider how these texts represent cultural concerns. The course offers an opportunity for students to apply critical thinking skills to genre fiction and to gain experience in developing and presenting original arguments in oral forms.
Lecture Hours: 4 hours.

HUMN 2111H - Honors Humanities (3 credits)
The honors seminar will investigate a selected topic in the humanities. This course is for the superior student, and admission is by invitation of the Honors Program. This course may be repeated.
Lecture Hours: 3. Prerequisite: C or better in ENGL 1102/ENGL 1102H and admission to the Honors Program.

HUMN 2151 - Special Topics (3 credits)
The course will explore a selected topic in the humanities from an interdisciplinary perspective.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1102 / ENGL 1102H.

HUMN 2152 - Science, Poetry, and the Imagination (3 credits)
This is an interdisciplinary course connecting humanities and natural sciences and mathematics. This course examines the use of metaphor and symbol in understanding poetry and the use of model in understanding scientific theory.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1102 / ENGL 1102H. Cross-Listed as: SCIE 2152.

HUMN 2155 - Survey of Humanities I (3 credits)
This course is an introduction to the art, theatre, literature, and music from the Ancient World through the Renaissance.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1102 / ENGL 1102H.

HUMN 2156 - Survey of Humanities II (3 credits)
This course is an introduction to the art, theatre, literature, and music from the Reformation through the Contemporary Period.
Lecture Hours: 3 hours. Prerequisite: C or better in ENGL 1102 / ENGL 1102H.

HUMN 3010 - Introduction to Cultural Studies (3 credits)
This course presents students with an overview of the methods and strategies used in cultural studies to analyze how culture acts on individuals and groups in a society, how it is produced, and how culture is mediated in different contexts and geographical spaces. Students will conduct research about, read, and interpret cultural texts and write cultural criticism. This is a writing intensive course.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 3206 - Topics in Gender Studies (3 credits)
This course is an interdisciplinary introduction to gender studies. Viewing gender as a social construct, the course will examine such issues as gender roles in society, the interaction between public and personal life, and self-definition in a culture with gendered expectations, and gender constructs in popular culture. This course may be taken twice so long as the topics are different.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 3501 - Topics in Linguistics & Culture (3 credits)
This course examines how language adapts and evolves in the context of culture.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 3999 - Special Topics (3 credits)
This is an intensive study of a significant topic in the humanities from an interdisciplinary perspective. This is a writing intensive course. This course may be taken twice so long as the topics are different.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 3999H - Honors Special Topics (3 credits)
This is an intensive study of a significant topic in the humanities not otherwise covered in course offerings. Required is an end of semester research project that reflects rigorous intellectual engagement with a topic and advanced independent research skills. This course is for the superior student, and admission is by invitation of the faculty to selected students who have been admitted to the Honors Program.
Lecture Hours: 3. Prerequisite: At least a C in ENGL 1102/ ENGL 1102H and admission to the Honors Program.

HUMN 4340 - Introduction to Ethics (3 credits)
This course will examine topics in traditional, philosophical, and ethical principles as they apply to specific topics and situations. This course may be taken twice so long as the topics are different.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 4471 - Comparative Cultures (3 credits)
This course compares at least two different cultures in aspects such as communication, social mores, history, literature, and visual arts. Choice of cultures for study will vary. This is a writing intensive course.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 4472 - Studies in Culture (3 credits)
This course will explore a selected topic in cultural studies from a historical perspective and a comparative perspective. This is a writing intensive course.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 4480 - History of Print (3 credits)
The course traces writing from its very beginnings, looking at such topics as memory, literacy, and scribes; the Gutenberg Bible and moveable type; public and private libraries; reading practices; subscriptions and periodicals; newspapers and political power; broadsheets; and book publishing.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 4482 - Popular Culture (3 credits)
This course will examine a range of texts from American mass culture, including popular fiction, advertising, television, popular music, popular magazines, and cyber culture. The course will emphasize methods of analyzing these texts and examine questions they raise about the nature of popular culture in America.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

HUMN 4500 - Digital Humanities (3)
Digital Humanities is an interdisciplinary course that explores the intersection of technology and humanistic inquiry. The course introduces students to the various digital tools and methods used in the analysis, interpretation, and dissemination of cultural artifacts, such as literature, music, and art. Through case studies, hands-on projects, and critical analysis, students will learn how to apply computational techniques to the study of humanistic questions, including text analysis, data visualization, and digital storytelling. The course also considers the ethical, social, and cultural implications of digital technologies on humanistic scholarship and public engagement. Students will gain practical skills and theoretical knowledge that can be applied to a range of fields within the humanities and beyond.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: ENGL 1102 / ENGL 1102H.

IDS - Interdisciplinary Studies

IDS 3800 - Methods in Interdisciplinary Studies (3 credits)
This course introduces students to methods in interdisciplinary thinking and practice. Selected topics of study will vary. Students puts interdisciplinary methods into practice through integrated projects that include oral, written, and technological components.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

IDS 4010 - Gender, Media, and Culture (3 credits)
This course examines gendered American culture through its media, including effects of race and class on fiction, drama, film, magazines, advertising, music, television, and new media. It also examines theories of gender and media representation.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

IDS 4020 - Science, Politics, and Culture (3 credits)
This is an interdisciplinary course that examines the relationship between science, culture and politics. Through an exploration of case studies, literature, film, or other relevant bodies of work in the humanities, natural, and social sciences, students explore how scientific discoveries, the political process, and culture are interrelated.
Lecture Hours: 3 hours. Prerequisite: At least a C in POLS 1101 and ENGL 1102/ ENGL 1102H or permission of instructor.

IDS 4030 - Film, Literature, and Culture (3 credits)
This interdisciplinary course examines the relationship between film, literature, and culture. It explores the theory, practice, and cultural significance of adapting novels and other literary texts into films.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102/1102H.

IDS 4040 - Fashion, Literature, and Culture (3 credits)
This course is an introduction to the study of material culture, the relationship between artifacts and social relations, through an interdisciplinary perspective. Choice of specific topics for study will vary and may include fashion and dress, the decorative arts, or technology.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102/ ENGL 1102H.

IDS 4050 - Performance, Literature, and Culture (3 credits)
This is an interdisciplinary course introducing students to the field of performance studies. Topics may include memoir and autobiography, self-portraiture, performance art, documentary, dress and self-fashioning. Various modes of analysis including visual, literary, and historical methods will be employed.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102/ ENGL 1102H.

IDS 4060 - Madness, Literature, and Culture (3 credits)
This interdisciplinary course examines how society deals with madness and mental illness through its medical institutions. It also explores how culture, through film, literature, and the media, represents madness.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102/ ENGL 1102H.

IDS 4070 - Organizations, Technology, and Culture (3 credits)
This interdisciplinary course examines the individual within the organization and how that individual is shaped as a participant within a particular organization by various cultural and technologies indices. Philosophies of capital and labor will be discussed in the context of current societal issues.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102/ ENGL 1102H.

IDS 4080 - Sports, Media, and Culture (3)
In this course, we will examine the relationship between culture, sports, and the media. We will explore how culture, through film and literature, represents sports and sports players. It will consider and analyze the fictional and nonfictional mediated accounts of sports and their increasingly visible and powerful position in contemporary culture and to forge novel connections between the study of media and sport.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in ENGL 1102.

IDS 4510 - Ethics and Application Capstone (3 credits)
The purpose of this capstone course is to connect student learning to a real world application of interdisciplinary skills and knowledge to a community-based need. Students are expected to demonstrate an integrated understanding of interdisciplinary topics through the application of multiple areas of knowledge (cultural competency, communication, ethics, program funding and research). The course gives special consideration to the application of professional ethics and program funding. This course is worth three (3) hours.

Note: This course is intended to be taken in the student's final semester. Due to the applied nature of this course, prior to enrollment, students normally should have completed at least twelve hours of IDS BS Core course work including in research, program design and funding, communication, conflict resolution, and cultural competency. Additionally, students should have no more than twelve (12) hours of remaining credits to complete alongside this course.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: PBSV 4030 or POLS 3630 or permission of instructor.

IDS 4999 - Special Topics in Culture (3 credits)
This is an intensive study of a significant topic in the humanities from an interdisciplinary perspective. This is a writing intensive course. Students may take this course twice for credit so long as the topics are different.
Lecture Hours: 3.

ISCI - Integrated Science

ISCI 2001 - Integrated Science - Life and Earth Science (3 credits)
This course is intended for students planning a career in elementary education. The course will focus on giving students a conceptual understanding of important concepts of Life and Earth science and the application of pedagogical knowledge grounded in research-based techniques necessary to teach these concepts in order to meet the diverse needs of learners across P-5 grade environments. Topics will include the characteristics of life, biodiversity, heredity, energy flow, interdependence of life, cellular structure and function, earth systems, astronomy, and the biosphere. Use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 3 hours. Lab Hours: 1 hour. Prerequisite: Completion of at least one Area D Lab Science Elective with a grade of C or Better..

ISCI 2002 - Integrated Science - Physical Science (3 credits)
This course is intended for students planning a career in elementary education. The course will focus on giving students a conceptual understanding of important concepts of physical science and the application of pedagogical knowledge grounded in research-based techniques necessary to teach physical science concepts in order to meet the diverse needs of learners across P-5 grade environments. Topics will include mechanics, matter and energy, electricity and magnetism, and waves and optics. The level of mathematics required will be the level of one equation and one unknown. Use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 3 hours. Lab Hours: 1 hour. Prerequisite: Completion of at least one Area D Lab Science Elective with a grade of C or Better..

ITEC - Information Technology

ITEC 1001 - Perspectives on the History of Computing (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to the history of computing. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of computing and to gain experience in developing and presenting original arguments in oral forms. This course will explore the development of the modern computer, from pre-computer times to present day, with special emphasis placed on people, places, and machines as well as the societal impact of computing.
Lecture Hours: 4 hours.

ITEC 2201 - Business Information Applications (3 credits)
This is a course designed to provide an overview of information analysis concepts and applications in today's business environment. Topics include a brief history of information technology use in business, the information processing cycle, networking, and business operations in the online world. Emphasis is on business productivity software including spreadsheets, business databases, presentation software, e-mail, basic Web page development, and Internet utilization. Students make oral presentations using PowerPoint presentation software. This course may not be substituted for ITEC 2215.
Lecture Hours: 3 hours.

ITEC 2215 - Introduction to Information Technology (3 credits)
This course uses short projects to introduce the student to the major information technologies of hardware, systems software, networking, web development, software and applications development, systems analysis, digital media, and database. Security and ethical issues as they affect the use of technologies are also discussed.
Lecture Hours: 3 hours.

ITEC 2245 - Introduction to Databases for Health Sciences (3 credits)
This course covers principles and practices in information modeling and database design; systems development life cycle approach to determining and analyzing information requirements, devising data models, constructing schemas, and implementing models within common database management software; use of DBMS software to create databases, perform queries, produce reports, and perform standard maintenance functions.
Lecture Hours: 3 hours. Prerequisite: At least a C in BUSA 2201 or ITEC 2201 and at least a C in MATH 1220 or MATH 1251.

ITEC 2260 - Introduction to Computer Programming (3 credits)
This course is an introduction to computer programming, logic, design and implementation. Topics include software design, documentation, coding methods, data types, data structures, functions, subroutines and program control structures.
Lecture Hours: 3 hours. Prerequisite: At least a C in MATH 1111 or higher (excluding MATH 2008).

ITEC 2270 - Application Development (3 credits)
This course is an introduction to computer programming, logic, design and implementation. Topics include software design, documentation, coding methods, data types, data structures, functions, subroutines and program control structures.
Lecture Hours: 3 hours. Prerequisite: At least a C in either ITEC 2260 or CSCI 1301.

ITEC 2299 - Special Topics in Information Technology (3 credits)
Study of a topic relevant to IT (e.g., information security; networking; digital media; software development; and gaming design), and current & emerging topics in information technology. The course may be repeated with different content up to five times.
Lecture Hours: 3 hours. Prerequisite: Permission of Program Dean.

ITEC 2320 - Network Essentials (3 credits)
This course covers the architecture, function, and configuration of computer hardware and networks, along with basic operating system software function. The students are introduced to network and communications concepts including operational issues surrounding network planning, configuration, monitoring, trouble shooting, and management.
Lecture Hours: 3 hours.

ITEC 2340 - Introduction to Cybersecurity (3)
This course covers the fundamentals of Cybersecurity. It introduces many different areas of security such as cryptography, malicious code, authentication and access control, trusted computer systems, operating systems, and network security. A combination of interactive lectures and integrated technology is used to provide a more effective, productive, and enhanced learning experience for students.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

ITEC 2380 - Web Development (3 credits)
This course introduces concepts and practices associated with Web site development. Focus is on site and page design, page layout techniques, styling methods, coding practices, selection of typography, graphics, and multimedia, accessibility issues, site publishing, testing and maintenance, and site marketing.
Lecture Hours: 3 hours.

ITEC 2510 - Agile Software Development (3)
This course introduces the fundamental concepts and methodologies of software engineering and agile software development. It focuses on an immersive programming experience based on core methods of agile software development. Topics include programming basics, pair programming, scrum, test-driven development, extreme programming, and agile project management.
Lecture Hours: 3. Lab Hours: 0.

ITEC 2520 - Object-Oriented Software Development (3 credits)
This course introduces the fundamental concepts of object-oriented software development with an emphasis on requirement analysis and system design. It focuses on developing programming competence using the object-oriented paradigm and associated concepts of classes, objects, methods, inheritance, and polymorphism through individual and group projects.
Lecture Hours: 3. Lab Hours: 0.

ITEC 2530 - Software Testing and Test-Driven Development (3)
This course introduces the fundamental concepts of traditional software testing methods and techniques for test-driven development. It focuses on reducing software bugs and improving software quality using various test-driven software development techniques including unit testing, functional and non-functional testing, integration testing and acceptance testing.
Lecture Hours: 3. Lab Hours: 0.

ITEC 3100 - Python Scripting (3)
This course offers an in-depth introduction to scripting languages including basic data types, control structures, loops, objects, regular expressions, input/output, and textual analysis.
Lecture Hours: 3. Lab Hours: 0.

ITEC 3155 - Systems Analysis and Design (3 credits)
Using the object-oriented approach, students will analyze and define, using UML, the system requirements of the organization. Students will participate in either a simulation or case study in order to experience the operational flow of organizational systems. The technology independent logical model showing the requirements for the system will be created.
Lecture Hours: 3 hours.

ITEC 3220 - Hardware and Systems Software (3 credits)
This course covers the components and systems necessary to support a computer system when an operating system and applications are added. A systematic approach is taken to building, configuring, troubleshooting, and maintaining computer systems.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2215.

ITEC 3235 - Human Computer Interaction (3 credits)
This course covers the scientific principles, HCI design methodology, and the user-interface technology that are used in the HCI implementation. Topics include human cognition, HCI theories, user observation, task analysis, prototyping, evaluation techniques, user interface modalities, graphical user interface components, and accessibility.
Lecture Hours: 3 hours.

ITEC 3236 - Interactive Digital Media (3 credits)
This course covers audio, graphic, and instructional video theory and creation. The student is taught how to develop the interactive product as a communication tool by incorporating various media, communication principles, user interfaces, and interactive designs. Principles and applications of color theory, spatial placement, product planning, testing, and implementation are also discussed.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2201 or ITEC 2215.

ITEC 3245 - Database Principles (3 credits)
This course covers the basic principles and practices behind the modern database management system including: the models and methodologies that enable us to analyze and design data systems; the logical concepts that stand behind good database design; and the functional components of the DBMS and how they work together to bring about the management of data.
Lecture Hours: 3 hours.

ITEC 3250 - Software Engineering (3 credits)
In this course, students are introduced to the basic principles of software engineering. The course focuses on the issues, methods and tools applied at every phase of the iterative development life cycle spanning from the conception of the actual requirements, through the analysis, design, development, testing, deployment and maintenance of the software product. Other subjects include project management and quality assurance.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2260 or CSCI 1301.

ITEC 3265 - Operating Systems (3 credits)
This course addresses fundamental principles and functions of modern operating systems. Topics will include process management, threads, scheduling, deadlocks, memory management, storage management, input/output, protection and security, multiple processor systems, and distributed systems.
Lecture Hours: 3 hours. Prerequisite: At least a C in either ITEC 2270 or CSCI 1302.

ITEC 3280 - Web Programming (3 credits)
This course is an introduction to client-based Web processing environments; coverage of the browser document object model, dynamic formatting, and styling, browser scripting languages, user interaction, and personalization, data validation and processing of browser-side data structures, data exchange languages, and database access.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2380 and ITEC 2270 or CSCI 1302.

ITEC 3300 - Project Management (3 credits)
This course introduces the concepts and practices associated with Project Management. The focus is on the following knowledge areas in project management: scope, time, cost, quality, human resource, communication, risk, and procurement.
Lecture Hours: 3 hours.

ITEC 3310 - Information Technology and Organizational Integration (3 credits)
This course provides an overview of the technological trends and the modern global organization. It includes discussions on technology leadership, management, systems development, and support mechanisms, as well as the technological implications of strategies focused on corporate efficiencies and competitive edge.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 3300.

ITEC 3325 - Windows Systems Administration (3 credits)
Using a networked laboratory, the student will learn to manage, via Microsoft networking software, a wide variety of network capabilities, such as directory structures, drive mappings, security issues, printing domains, user environments, and network utility services.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2320.

ITEC 3328 - Linux Systems Administration (3 credits)
This course explores the Linux operating system environment and fundamental Linux systems administration principles. Aspects such as origins of this operating system, its differences with UNIX, the use of the command line, file and memory management, Linux GUI environments, and basic Linux systems administration are covered.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2320.

ITEC 3340 - Business Analysis Using Excel (3 credits)
This course introduces the student to decision making and business analysis using Excel tools and utilities. Coverage includes logic, expression and formula building as well as statistical, what-if, and financial analysis.
Lecture Hours: 3 hours. Prerequisite: Either MATH 1401 or MATH 2120 and either ITEC 2201 or ITEC 2215.

ITEC 3351 - Analytics and Organizational Intelligence (3 credits)
This course introduces the concepts and practices associated with systems that provide for decision support and organizational intelligence in the organization context. The focus is on the techniques, approaches, and tools associated with the design, implementation, and mining of information to provide knowledge for a firm.
Lecture Hours: 3 hours.

ITEC 3355 - Data Mining (3)
The course provides an introduction to concepts behind data mining, machine learning, text mining and web mining. Topics include data mining techniques such as classification, regression, association rules, cluster analysis, and recommendation systems used for processes of managing, analyzing, exploring and visualizing Big Data.
Lecture Hours: 3. Lab Hours: 0.

ITEC 3400 - Technology Entrepreneurship (3 credits)
Covers the fundamentals and principles of entrepreneurship. The emphasis is on business planning process and underlying concepts associated with successful startup ventures. Topics include business model innovation, monetization, small business management as well as strategies that improve performance of new business ventures. The impact and implications of technology are central to this course.
Lecture Hours: 3.

ITEC 3405 - Creativity & Innovation (3 credits)
Introduces concepts, models, and techniques of creativity and innovation. Underscores processes of developing creative skills and habits with an emphasis on problem solving and design.
Lecture Hours: 3.

ITEC 3410 - Startups Financing and Marketing Strategies (3 credits)
This course covers an understanding of how to secure funding for tech startups. It also covers the use of the Internet and social media applications as part of an integrated marketing strategy.
Lecture Hours: 3. Prerequisite: At least a "C" in ITEC 3400.

ITEC 3415 - Managing & Growing an IT Venture (3 credits)
This course covers topics on how to manage and grow a successful entrepreneurial company. It builds on the idea that entrepreneurs must continually and creatively adjust their business model, including products and/or services, to stay successful.
Lecture Hours: 3. Prerequisite: At least a "C" in ITEC 3400.

ITEC 3502 - Data Architecture (3)
This course covers rules, models, policies, and standards that govern the type of data collected and managed within an organization. It emphasizes the tasks of data architects/data managers, i.e., reviewing and analyzing organizational data infrastructure and future databases and the implementation of solutions to store and manage data for organizations and their users.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

ITEC 3505 - Data Management (3)
This course covers general principles and concepts in data management and practices with the tools and knowledge for data architects/data managers to manage data effectively. It emphasizes strategies for working with data, organizing research data, and sharing your data securely, and effectively.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

ITEC 3508 - Data-driven Decision Making (3)
This course emphasizes the role of data architects/data managers in using various tools and techniques to collect, analyze, and interpret data for effective decision-making.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

ITEC 4061 - Coding Fundamentals (3 credits)
This course covers fundamentals of logic and coding using languages such as Python, Java, and C#. It includes data types, control flow, object-oriented programming, and graphical user interface-driven applications.
Lecture Hours: 3 hours.

ITEC 4332 - Firewalls and VPNs (3)
This course covers the basic principles and practices behind the design, selection, implementation, troubleshooting, and configuration of hardware and software firewalls, virtual private networks, and access control lists. Based on a list of criteria or case study, students will learn to select and design an appropriate strategy for achieving a desired level of security. Following the design phase, students will configure, troubleshoot, and monitor the proposed solution
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in ITEC 2320.

ITEC 4367 - Advanced Software Engineering (3)
This course introduces the concepts, methods, and techniques necessary to efficiently design and develop software solutions. In this hands-on project-based course, students will learn how to analyze software requirements, specify detailed designs, and apply essential methods and techniques to implement and deploy complex software systems.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: ITEC 3250.

ITEC 4375 - Cloud Computing (3)
This course will provide students with an overview of the field of Cloud Computing, its enabling technologies, main components, and services, as well as hands-on experience through projects in the largest public cloud infrastructures and services. Students will also learn how these cloud services can be integrated into modern Information Technology solutions.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: None.

ITEC 4063 - Scripting (3 credits)
This course offers an in-depth introduction to scripting languages including basic data types, control structures, loops, regular expressions, input/output, and textual analysis.
Lecture Hours: 3 hours. Lab Hours: 0.

ITEC 4065 - Mobile App Coding (3 credits)
This course covers the fundamental programming principles for mobile devices. The software architecture and user experience considerations underlying hand-held software applications and their development environments will be investigated. Concepts will be reinforced by hands-on programming assignments, which will be run on a current mobile platform.
Lecture Hours: 3 hours.

ITEC 4067 - Secure Coding (3 credits)
This course covers security vulnerabilities of programming in system programming languages (i.e., C) and high-level programming languages (i.e., Java). Common weaknesses exploited by attackers are discussed, as well as mitigation strategies to prevent those weaknesses. Students practice programming and analysis of software systems through testing and static analysis.
Lecture Hours: 3. Lab Hours: 0.

ITEC 4200 - Foundations of Information Security (3 credits)
This course covers an understanding of communications and IT infrastructures, their vulnerabilities, and the complexity of security threats faced by business and industry. Topics discussed are the development of security plans and practices; policies; awareness and compliance programs; protections; and legal and regulatory issues.
Lecture Hours: 3 hours.

ITEC 4205 - Legal and Ethical Issues (3 credits)
This course provides the opportunity for IT majors to learn about the legal, regulatory, and ethical issues involved in the field of information technology. Topics include ethics, critical thinking, security, privacy, and current legal issues.
Lecture Hours: 3 hours.

ITEC 4210 - Intrusion Detection/Prevention Systems (3 credits)
Detection/Prevention Systems are critical components of well-designed network architectures. These systems act as a line of defense, helping protect company assets from attacks.
In this course, students gain experiential learning in a thorough grounding in the design, implementation, and administration of IDSes/IPSes, as well as practical, hands-on experience working with these systems. In addition, students analyze various attack signatures and the network traffic these systems collect.
Lecture Hours: 3 hours. Lab Hours: 0.

ITEC 4230 - Graphic Imaging (3 credits)
This course will examine industry techniques for providing an effective presentation of graphic images. The students will also survey tools that are used for production. Students will be provided with the necessary background to pursue a course of study in graphic design and digital media development. Completed projects can be used for desktop publishing projects, authoring, and web-based delivery applications.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 3236.

ITEC 4231 - Design Content for Instructional Applications (3 credits)
This course provides a study of learning theory and the principles of designing and developing informative content to communicate technical information for the Web and other environments for both technical and non-technical users. Topics include audience assessment, IT documentation design, and help content development.
Lecture Hours: 3 hours. Prerequisite: At least a C in both ITEC 3235 and ITEC 3236.

ITEC 4237 - 3D Modeling and Animation (3 credits)
This course explores the theory and application of 3D geometric model generation and animation. Topics include polygonal modeling, skeleton, skinning, inverse kinematics, rigging, lights and effects, mesh and non-uniform rational B-spline modeling, textures, and subdivision and levels of model detail. Students will be required to develop and animate a complex 3D model.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 3236.

ITEC 4238 - 2D Computer Animation (3 credits)
This course will examine 2D computer animation techniques using a popular industry-standard tool such as Flash. Emphasis will be on developing animations for use in interactive environments and the Web. Other topics include storyboarding, deconstruction, and vector graphic design.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 3236.

ITEC 4242 - Database Administration (3 credits)
This course will teach basic database features, tools, and administrative tasks. The administrative tasks involved are installation and upgrade of a DBMS, user account and security management, backup and recovery procedures, and performance monitoring and tuning using a current Database Management System package. These tasks will be discussed in relation to database planning, design, implementation, operation, and maintenance.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 3245.

ITEC 4244 - Database Programming (3 credits)
This course provides a comprehensive introduction to the common relational database in programming concepts. Topics include advanced coverage of the SQL language, data types, database procedural languages, function and stored procedure development, transactions, triggers, indexes, and sequences. Common database connectivity issues will also be discussed.
Lecture Hours: 3 hours. Prerequisite: At least a C in both ITEC 2270 and ITEC 3245.

ITEC 4250 - Computational Intelligence (3 credits)
This course introduces the fundamental principles, algorithmic framework, and techniques in computational intelligence used to solve various challenging problems in game playing, data analytics, vision and robotics. Topics will include knowledge representation, decision making, machine learning, data analytics, searching and planning, and various intelligent applications.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 4264.

ITEC 4254 - Business Driven Technology (3 credits)
This course discusses issues related to management of information resources (i.e., hardware, software, and people) in a manner conducive to effective and efficient methods employed in the organizational context. Focus is on the tools, techniques, and approaches leveraged in contemporary firms.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2215 or ITEC 2201.

ITEC 4255 - Game Design and Development (3 credits)
An introduction to the technologies and practices underlying computer and console game development and principles involved in effective game design and production. Topics include computer game graphics, sound and studio, level design, principles of game play, interactive storytelling, character control and artificial intelligence, user interface design.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2270, ITEC 3235, and ITEC 3236.

ITEC 4261 - Intro to JAVA Programming (3 credits)
This is a course in developing Java software applications. Topics include modular application programming, expressions and operations, statements, functions, conditional statements, loops, arrays, structures, and pointers. Object-oriented programming is emphasized.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2270 or CSCI 1302.

ITEC 4264 - Data Structures and Algorithm Analysis (3 credits)
This course addresses different data structures and their associated algorithms commonly used in software systems, including their design, analysis, and implementation. Topics will include abstract data types, arrays, lists, queues, stacks, recursions, generic programming, hash tables, heaps, trees, graphs, sorting, searching, linked structure, and path finding.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 4261.

ITEC 4266 - C++ Programming (3 credits)
Students review computer problem-solving strategies and methods. Then the focus is on C/C++ syntax for implementing basic control structures, elementary data types, and arithmetic and logical operations. Design and use of subroutines, functions, pointers, templates, classes and objects, inheritance, arrays, data structures, and records is included. Programming assignments emphasize modular design within an information processing, rather than system programming, context.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2270 or CSCI 1302.

ITEC 4269 - Client/Server Systems Programming (3 credits)
Students design and implement systems that operate in a client/server, network-delivered, database environment. Topics include database administration, design, creation, developing end-user input and output screens, reports, and the use of SQL. Students will develop enterprise-wide production-quality applications.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 3245 and either ITEC 2270 or CSCI 1302.

ITEC 4270 - Robot Programming (3 credits)
This course introduces the programming fundamentals of autonomous robots. Cognitive behavior and motion are focused. The goal is to program for solving problems using sensor inputs, and controlling movement of simple robots.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2270.

ITEC 4284 - Web Multimedia Delivery (3 credits)
This course covers the use of tools and techniques for developing high impact graphics, user interfaces, capturing digital video, editing, production, and distribution of content over the Web.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 3236.

ITEC 4285 - Network Services (3 credits)
The student will learn installation, configuration, and administration of services and applications on Microsoft and Linux servers. Services will include but not be limited to: Domain Name Service (DNS), Internet Information Service (IIS), Apache Web Server, File Transfer Protocol (FTP), Simple Mail Transfer Protocol (SMTP), Post Office Protocol (POP), Internet Message Access Protocol (IMAP), directory services, file services, and remote access. Students will learn to determine the proper services based on provided requirements and determine a solution with an acceptable level of security.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2320.

ITEC 4286 - Web Applications Development (3 credits)
This course covers planning, development, and implementation of Web-based applications. Topics include advanced coverage of common server and browser scripting languages, data structuring and data exchange languages, file and database connectivity options, dynamic page styling, user interaction and personalization, data validation, application installation, deployment, and security issues associated with data-driven Web-based applications.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2270.

ITEC 4288 - Electronic Commerce Systems (3 credits)
Students will study applications in web-based electronic commerce systems set in a client/server environment. The course will include surveys of Internet technologies, network architectures, web development techniques, e-commerce models and software, electronic catalogs, purchase and payment systems, interfaces with business systems, marketing and promotion, and design and implementation of e-commerce systems.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2215 or ITEC 2201.

ITEC 4299 - Special Topics in Information Technology (3 credits)
Study of a topic relevant to the IT (e.g., information security; networking; digital media; software development; and gaming design), and current & emerging topics in information technology. This course may be repeated with different content up to 5 times.
Lecture Hours: 3 hours. Prerequisite: Permission of Program Chair.

ITEC 4310 - Critical Infrastructure Security and Resilience (3 credits)
This course is an introduction to the policy, strategy, and practical application of critical infrastructure security and resilience from an all-hazards perspective. It describes the strategic context presented by the 21st century risk environment, and discusses the challenges and opportunities associated with the following: public-private partnerships; information-sharing; risk analysis and prioritization; risk mitigation and management; performance measurement, incident management; and addressing future risks. The course promotes subject-matter understanding, critical analysis of issues, insight into senior leader decision-making, and an awareness of the changing dynamics in the multidisciplinary field of critical infrastructure security and resilience.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 4200.

ITEC 4320 - Industrial Control Systems Security (3 credits)
The course is designed to focus on how Industrial Control Systems function while looking at the security issues concerning the deployment of the technology in support of critical infrastructure.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 4200.

ITEC 4321 - Forensics/Data Recovery (3 credits)
This course offers a disciplined approach to implementing a comprehensive accident-response plan with a focus on being able to detect intruders, discover what damage they have caused, and discover their identities.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2320.

ITEC 4322 - Advanced Digital Forensics (3 credits)
This course places a strong emphasis on digital forensic procedures, reporting, digital forensic tools, and legal issues relating to digital forensics. This course uses advanced forensics tools and hands-on exercises to emphasize the procedures that students will use in the field as forensic investigators.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 4321.

ITEC 4323 - Mobile Forensics (3 credits)
This course provides students with an understanding of mobile device forensics and its relation to cyber forensics. The course includes an overview of mobile device forensics. The course topics include the use of mobile forensic applications, Android, iPhone, cellular investigations, gathering, and reporting evidence. Students will have opportunities to apply theoretical concepts by learning through hands-on activities using mobile forensics tools. Students will have the opportunity to create cases as well as work through evidence files created by leaders in the field of mobile forensics.
Lecture Hours: 3. Prerequisite: At least a C in ITEC 2320 .

ITEC 4329 - Data Communications (3 credits)
This course addresses the in-depth theories, models, practices, capabilities, and performance of networks. It covers the concepts of data communication including protocol suites, error detection, network programming, signal and data transmissions, and quality of service. It covers the use of tools to conduct performance measurement and analysis, flow control, and error detection.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2320.

ITEC 4330 - Routing and Switching (3 credits)
This course is an overview of configuring, implementing, and managing switches and routers to support a hierarchical network solution. Students will design and implement an appropriate solution based on provided information to create a routed and switched network that is manageable and scalable.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2320.

ITEC 4341 - Network Forensics and Incident Response Planning (3 credits)
An examination of the detailed aspects of incident response and contingency planning consisting of incident response planning, disaster recovery planning, and business continuity planning. This course covers security incidents and intrusions, including identifying and categorizing incidents; responding to incidents; log analysis; network traffic analysis; tools; and creating an incident response team.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 4200.

ITEC 4344 - Ethical Hacking (3 credits)
This course provides introductory ethical hacking and network security knowledge. Students will learn how to gather information for IT security purposes, secure information systems, launch and prevent attacks, and perform investigations. Ethical hacking topics include exploiting systems, vulnerability assessments, network intrusion, and penetration testing.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 4200.

ITEC 4361 - Software Security (3 credits)
This course covers fundamental principles and best practices of software security. The focus is on understanding foundations of cryptography, access control, and secure protocols, common security risks of software, and secure modern web applications development and deployment. Topics will include cryptography, authentication, authorization, security protocols, software flaws and malware, SQL injection, HTML injection, cross-site scripting, and security auditing.
Lecture Hours: 3 hours. Prerequisite: At least a C in the following: ITEC 4200 and either ITEC 2270 or CSCI 1302.

ITEC 4362 - Computer Architecture (3 credits)
This course covers the organization and architecture of computer systems hardware; instruction set architecture; addressing modes; register transfer notation; processor design and computer arithmetic; memory systems; hardware implementations of virtual memory, and input/output control and devices. Students will also learn system-level programming and apply their knowledge of computer architectures to programming for performance and security.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2270 or CSCI 1302.

ITEC 4364 - Systems Programming (3 credits)
This course provides an in-depth introduction to a systems programming, system programming language(s) and application of those language(s) to systems level problems. The focus will be on programming constructs that are closely aligned with the architecture of a digital computer including those providing portability between platforms, dynamic allocation and management of virtual memory, complex in-memory date structures, reading/writing binary data using sequential and random access, pointer arithmetic manipulation, and interaction between threads/processes.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 4362.

ITEC 4365 - Test-Driven Software Development (3 credits)
This course introduces various topics of test-driven development with an emphasis on the important role of testing in the software development life cycle. Topics include commonly used software testing strategies, testing techniques, software inspection, quality models and measures, quality assurance, defect prevention and process improvement, and so on.

Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2270 and ITEC 3250.

ITEC 4366 - Advanced Web Development (3 credits)
This course covers advanced concepts and practices associated with Web Applications Development. The focus is on advanced site and page design, page layout techniques, styling methods, styling frameworks, coding practices, mobile web development, accessibility issues, site publishing, testing, site marketing (SEO), and client-side scripting.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2380.

ITEC 4370 - Virtual Computing (3 credits)
This course provides students with a background in virtualization technology needed to advance in today`s technology workplace. The course includes an overview of virtualization technology. The course topics include the use of VMware Workstation, VMware Server, Microsoft Virtual PC, Microsoft Virtual Server, and Hyper-V. Using virtualization software in networked server environment, implementing high-availability clusters, enhancing performance and security, and centralized management of multiple virtual servers are discussed in this course. Students will have opportunities to apply theoretical concepts by learning through hands-on activities, which allow the student to work with virtual computing concepts, using real-world situations to build the skills necessary for a successful understanding of virtualization.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2320.

ITEC 4421 - Network Security (3 credits)
This course provides an introduction to the various issues surrounding network security. Issues to be addressed include how networks are initially targeted for intrusion, the methods and tools employed in this intrusion process, denial of service attacks, how this illegal access is maintained, and how intrusions hidden from network administrators are addressed.
Lecture Hours: 3 hours. Prerequisite: At least a C in ITEC 2320.

ITEC 4501 - Special Projects in Information Technology (3 credits)
This is a work/study course that serves as a substitute in those cases where the IT student has already satisfied the workplace objectives of an internship course. Students, in consultation with faculty advisors, will design and carry out one or more special projects that will employ the skills and knowledge of the student's area of emphasis. The projects for this course will change each time it is offered. Therefore, it may be repeated for credit two times.
Lecture Hours: 3 - 6 hours. Prerequisite: Completion of IT core courses and permission of instructor.

ITEC 4701 - Internship in Information Technology (3 - 6 credits)
This is a work/study course in Information Technology; student work is in an appropriate position and on an appropriate project in information technology for an assigned employer; work project is under direction of a faculty advisor in consultation with the employer. Students must submit abstracts to the instructor 30 days before the start of the semester. This course may be repeated for credit of up to 6 hours total.
Prerequisite: Senior standing and permission of instructor.

ITEC 4710 - Globalization and Technology (3 credits)
This is a course on ideas and issues surrounding information technology. Students are required to conduct research on topics pertinent to the field. The course emphasizes the use and impact of the Internet and evolving technologies in a world forever changed by globalization and multiculturalism - one where collaborative tools are increasingly becoming central to organizational competitive posture in the national and international arenas.
Lecture Hours: 3 hours. Prerequisite: 90 or more earned hours.

ITEC 4750 - Senior Capstone (3 credits)
Integrating their skills and knowledge accumulated/acquired throughout the Information Technology program, students (usually in teams of three to five members) will analyze, design, develop, implement, and assess an information system.
Lecture Hours: 3 hours. Prerequisite: At least a C in all of the following: ITEC 3155, ITEC 3235, ITEC 3300, ITEC 4200.

ITEC 4760 - Business Plan Development (3 credits)
This is a capstone course. Students in small teams use the accumulated knowledge learned from the program to create a comprehensive business plan for a new IT venture.
Lecture Hours: 3. Prerequisite: At least a "C" in ITEC 3400, ITEC 3405, ITEC 3410, and ITEC 3415.

ITEC 4770 - Experiential Learning Practicum (6 credits)
The purpose of this course is to engage students to think critically and creatively within an experiential learning environment, deepening learning and intensifying the educational impact of the experience in the program of study. This course is a hands-on work or service opportunity within a professional setting under which the student is guided and supervised by a professor. It is an opportunity for students to test drive a potential career, acquire marketable skills for high-demand careers, and learn about the day-to-day obligations of the professional work environment. This course is intended to be taken at the end of the elected program of study.
Lecture Hours: 6 hours. Lab Hours: 0.

KOR - Korean

KOR 1001 - Elementary Korean I (3 credits)
This is an introductory course in which students will develop basic communication skills in Korean, including listening, speaking, reading, and writing. Students will also be introduced to Korean culture.
Lecture Hours: 3 hours.

KOR 1002 - Elementary Korean II (3 credits)
This is a continuation of KOR 1001 in which students will further develop basic communication skills in Korean, including listening, speaking, reading, and writing, and learn about Korean culture.
Lecture Hours: 3 hours. Prerequisite: KOR 1001 or placement test.

LATN - Latin

LATN 1001 - Elementary Latin I (3 credits)
Introduction to the Latin language: pronunciation, fundamentals of grammar, reading, and translation. Students will also be introduced to Roman culture.
Students who have completed two or more years of high school Latin should refer to the placement policy for language courses.

Lecture Hours: 3 hours.

LATN 1002 - Elementary Latin II (3 credits)
Continued study of Latin grammar and syntax begun in LATN 1001, with further reading and translation. Students will further their knowledge of Roman culture.
Limitations Note: Students who have completed two or more years of high school Latin should refer to the placement policy for language courses.

Lecture Hours: 3 hours. Prerequisite: At least a 'C' in LATN 1001 or placement test.

LEAD - Leadership

LEAD 2000 - Leadership I: Socio-Psychological Aspect of Leadership (3 credits)
An introduction to leadership and the psychological elements necessary for good leadership. An examination of the psychological factors affecting behavior to include personality, adult development and generational theory, motivational theories and effective followership.
Lecture Hours: 3 hours.

LEAD 2001 - Leadership II: Group Process and Leadership (3 credits)
An overview of the nature of groups as they relate to leadership. Topics include group development, socialization, cohesion, group decision-making and intergroup conflict.
Lecture Hours: 3 hours. Prerequisite: LEAD 2000.

LEAD 2002 - Leadership III: Organizations and Leadership (3 credits)
An overview of the nature and types of leadership and the nature of organizations and their environment. Related topics include stress management, counseling skills, implementing change and ethics.
Lecture Hours: 3 hours. Prerequisite: LEAD 2001.

LENB - Legal Environment of Business

LENB 3135 - Legal Environment of Business (3 credits)
This is a study of the legal and regulatory environment of business that focuses on ethical, global, political, economic, social, environmental, technological, and diversity issues.
Lecture Hours: 3 hours.

MATH - Mathematics

MATH 0996 - Support for Elementary Statistics (2 credits)
This Learning Support course provides corequisite support for students enrolled in MATH 1401 – Elementary Statistics. Topics will parallel topics being studied in MATH 1401 and the course will provide support for the essential skills needed to be successful in MATH 1401. Taken with MATH 1401, topics to be covered will include descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistics topics.
See math placement policy for exemption criteria.
Lecture Hours: 2. Corequisite: MATH 1401.

MATH 0997 - Support for Quantitative Reasoning (2 credits)
This Learning Support course provides corequisite support in mathematics for students enrolled in MATH 1001 – Quantitative Reasoning. Topics will parallel topics being studied in MATH 1001 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1001. Taken with MATH 1001, topics to be covered will include logic, basic probability, data analysis and modeling from data.
See math placement policy for exemption criteria.
Lecture Hours: 2. Prerequisite: None.

MATH 0998 - Support for Mathematical Modeling (2 credits)
This Learning Support course provides co-requisite support for students enrolled in MATH 1101—Introduction to Mathematical Modeling. Topics will parallel topics being studied in MATH 1101 and the course will provide support for essential quantitative skills needed to be successful in MATH 1101. Taken with MATH 1101, this course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results.
See math placement policy for exemption criteria.
Lecture Hours: 2. Corequisite: MATH 1101.

MATH 0999 - Support for College Algebra (2 credits)
This Learning Support course provides co-requisite support in mathematics for students enrolled in MATH 1111 – College Algebra. Topics will parallel topics being studied in MATH 1111 and the course will provide support for the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions.

Minimum requirements for MATH 1111 with MATH 0999: Students must have a high school MPI>=1165 OR GPA 3.2 or higher OR ACT Mathematics score of 17 or higher OR 'old' SAT Mathematics score of 400 or higher OR 'new' SAT Math test score of 22 or higher OR Accuplacer Elementary Algebra score of 67 or higher.
Lecture Hours: 2. Prerequisite: MATH 1111. Corequisite: MATH 1111.

MATH 1001 - Quantitative Reasoning (3 credits)
This course emphasizes quantitative reasoning skills needed for informed citizens to understand the world around them. Topics include logic, basic probability, data analysis and modeling from data.

Lecture Hours: 3. Prerequisite: Completion of Learning Support Mathematics requirements.

MATH 1003 - Perspectives on Mathematics (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to mathematics. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of mathematics and to gain experience in developing and presenting original arguments in oral forms. The course explores ideas, history, and problems in mathematics that reveal the influence and nature of math. Students will realize mathematics is not an isolated subject of mere manipulations, theorems, and irrelevant topics. The course seeks to bring awareness of the inseparable relationship of math and the world around us and to give insight as to what math is, what it attempts to accomplish, and how to think mathematically. Though students have heterogeneous backgrounds, a careful selection of topics and chapters allows all levels of students to effectively study the material.
Lecture Hours: 4.

MATH 1101 - Introduction to Mathematical Modeling (3 credits)
This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. This course includes a study of linear, quadratic, polynomial, exponential, and logarithmic models. A TI-84 graphing calculator is required.

Lecture Hours: 3.

MATH 1111 - College Algebra (3 credits)
This course is designed for students who plan to take ***MATH 1112***, ***MATH 1113***, or ***MATH 2120***. It provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions.
Lecture Hours: 3. Prerequisite: At least a C in MATH 1001 or MATH 1101; or a math SAT score of at least 550 (exam date before March 2016), of a SAT Math Section Score 570 (exam date after March 2016), or a math ACT score of at least 24; or a score of 12 or higher on the Mathematics Placement Exam..

MATH 1112 - Plane Trigonometry (3 credits)
This course is an in-depth study of the properties of trigonometric functions and their inverses. Topics include circular functions, special angles, solutions of triangles, trigonometric identities and equations, graphs of trigonometric functions, inverse trigonometric functions and their graphs, Law of Sines, Law of Cosines, and vectors.

Lecture Hours: 3. Prerequisite: At least a C in MATH 1111; or an SAT Mathematics score of 570 or higher on the "old" SAT; or an SAT Mathematics score of 29.5 or higher on the "new" SAT Math test; or an ACT Mathematics score of 25 or higher; or other appropriate placement scores as approved by the department..

MATH 1113 - Precalculus Mathematics (3 credits)
This course is an intensive study of the basic functions needed for the study of calculus. Topics include algebraic, functional, and graphical techniques for solving problems with algebraic, exponential, logarithmic, and trigonometric functions and their inverses.

Lecture Hours: 3. Prerequisite: At least a C in MATH 1111; or an SAT Mathematics score of 570 or higher on the "old" SAT; or an SAT Mathematics score of 29.5 or higher on the "new" SAT Math test; or an ACT Mathematics score of 25 or higher; or other appropriate placement scores as approved by the department..

MATH 1113H - Honors Precalculus (3 credits)
This is an honors course designed to prepare students for calculus, physics, and related technical subjects. The course includes an intensive study of algebraic functions and transcendental functions, including the trigonometric functions, accompanied by analytic geometry.

Lecture Hours: 3. Prerequisite: Admission to the Honors Program and an SAT Mathematics score of 570 or higher on the "old" SAT; or an SAT Mathematics score of 29.5 or higher on the "new" SAT Math test; or an ACT Mathematics score of 25 or higher..

MATH 1251 - Calculus I (4 credits)
This is the first course in a three-course sequence designed primarily to provide mathematics and science majors with necessary mathematical understanding and skills. Topics include limits, continuity, differentiation of algebraic and trigonometric functions, applications of the derivative, definite and indefinite integrals, the Fundamental Theorem of Calculus, and applications of the integral.

Lecture Hours: 4. Prerequisite: At least a C in MATH 1112 or MATH 1113; or an SAT Mathematics score of 600 or higher on the "old" SAT; or an SAT Mathematics score of 31 or higher on the "new" SAT Math test; or an ACT Mathematics score of 26 or higher; or other appropriate placement scores as approved by the department..

MATH 1371 - Computing for the Mathematical Sciences (4 credits)
This course focuses on algorithm development for mathematicians, scientists, and engineers. Topics include vector and matrix operations, logical operators, data types, arrays, file input/output, selection, repetition, functions and procedures, and plotting 2D/3D data.

Lecture Hours: 4. Prerequisite: At least a C in MATH 1112 or MATH 1113.

MATH 1401 - Elementary Statistics (3 credits)
This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics.

Lecture Hours: 3. Prerequisite: None.

MATH 1401H - Honors Elementary Statistics (3 credits)
This is a non-calculus based introduction to statistics. Course content includes descriptive statistics, probability theory, confidence intervals, hypothesis testing, and other selected statistical topics.

Lecture Hours: 3. Prerequisite: None.

MATH 1501 - Calculus I (4 credits)
Topics to include functions, limits, continuity, the derivative, antidifferentiation, the definite integral, and applications.
Lecture Hours: 4.

MATH 2008 - Foundations of Numbers and Operations (3 credits)
This course is an Area F introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of numbers and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics. This course will not be accepted as part of the requirements for a major or minor in mathematics.

Lecture Hours: 3. Prerequisite: At least a C in MATH 1001, MATH 1101, or MATH 1111.

MATH 2120 - Discrete Mathematics (3 credits)
This course is an introduction to discrete mathematics. Selected topics may include sets, logic, proofs, counting, number theory, graph theory, trees, or algorithms.

Lecture Hours: 3. Prerequisite: At least a C in MATH 1111; or an SAT Mathematics score of 550 or higher on the "old" SAT; or an SAT Mathematics score of 28.5 or higher on the "new" SAT Math test; or an ACT Mathematics score of 24 or higher; or other appropriate placement scores as approved by the department..

MATH 2252 - Calculus II (4 credits)
This is the second course in a three-course sequence designed primarily to provide mathematics and natural science majors with necessary mathematical understanding and skills. Topics include differentiation of logarithmic, exponential, and inverse trigonometric functions, techniques of integration, L'Hopital's rule, improper integrals, numerical methods, infinite series, and polar coordinates.

Lecture Hours: 4. Prerequisite: At least a C in MATH 1251, or a math SAT score of at least 700; or a math ACT score of at least 31.

MATH 2253 - Calculus III (4 credits)
This is the third course in a three-course sequence designed primarily to provide mathematics and natural science majors with necessary mathematical understanding and skills. Topics include vector spaces and analytic geometry in two and three-space, calculus of vector-valued functions, calculus of functions of several variables, and vector analysis.

Lecture Hours: 4. Prerequisite: At least a C in MATH 2252.

MATH 2260 - Introduction to Linear Algebra (3 credits)
This is a matrix-oriented introduction to linear algebra through the study of systems of linear equations, determinants, Euclidean vector spaces, linear transformations, eigenvalues and eigenvectors, and related topics.

Lecture Hours: 3. Prerequisite: At least a C in MATH 1251.

MATH 2270 - Differential Equations (4 credits)
A study of ordinary differential equations with emphasis on linear differential equations. Topics include numerical methods, applications, systems of equations, and Laplace transformations. It is highly recommended that students take MATH 2253 and MATH 2260 prior to this course.

Lecture Hours: 4. Prerequisite: At least a C in MATH 2252.

MATH 2401 - Elementary Statistics II (3 credits)
This course continues the study of data analysis with an emphasis on estimation, two-sample inference, tests with qualitative data, nonparametric statistics, and other statistical topics.
Lecture Hours: 3. Prerequisite: At least a "C" in MATH 1401.

MATH 3010 - History of Mathematics (3 credits)
This course is a study of the development of mathematics from primitive times to the twenty-first century; including numeral systems, arithmetical methods, origins of algebra, geometry, trigonometry, analytic geometry, calculus, and selected topics from modern mathematics.
Lecture Hours: 3. Prerequisite: At least a C in MATH 1112 or MATH 1113 or MATH 1113H.

MATH 3040 - Bridge to Higher Mathematics (3 credits)
This course serves as a bridge to upper level mathematics courses. Topics include propositional and predicate logic, mathematical induction, logic and structure of sets as related to mathematical proof, relations, and cardinality.
Lecture Hours: 3. Prerequisite: At least a C in MATH 2252.

MATH 3207 - Communicating Mathematics (4 credits)
In this course, students will learn to use the LaTex software bundle to typeset mathematics in the context of composing homework assignments, tests, scholarly papers, and presentations. Students will also use the presentation package Beamer to communicate the technicalities of a historically significant problem in mathematics.
Lecture Hours: 4. Prerequisite: At least a C in MATH 2253.

MATH 3251 - Applied Combinatorics (3 credits)
This course is an in-depth study of counting principles. Topics include combinations, permutations, generating functions, recurrence relations, principles of inclusion and exclusion, and Polya's theory of counting.
Lecture Hours: 3. Prerequisite: At least a C in MATH 1251.

MATH 3260 - Modern Algebra (3 credits)
Topics in this course include an introduction to the structure of groups, normal subgroups, Abelian groups, permutations, matrix groups, quotient groups, the Isomorphism Theorems, and group actions. Additional topics may include Cayley's Theorem, the Sylow Theorems, the Fundamental Theorem of Finitely Generated Abelian Groups.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3040.

MATH 3262 - Modern Algebra II (3 credits)
Topics in this course include an introduction to the structure of rings, ideals polynomial rings, integral domains, unique factorization domains, and Euclidean domains. Additional topics may include factorization of polynomials, fields, extension fields, and Galois Theory.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3040.

MATH 3270 - Differential Equations II with Modeling (3 credits)
This course is a continuation of the study of differential equations with emphasis on using ordinary and partial differential equations in the context of mathematical modeling.
Lecture Hours: 3. Prerequisite: At least a C in MATH 2270.

MATH 3280 - Complex Analysis (3 credits)
This course introduces the theory of analytic functions of a complex variable. Topics include the algebra and geometry of complex numbers in standard and polar form, mappings by elementary functions, limits, continuity, and derivatives of complex functions, Cauchy-Reimann equations and harmonic functions, transcendental functions over the complex numbers, complex integrals and contour integrals, and Cauchy`s Theorem.
Lecture Hours: 3. Prerequisite: At least a C in MATH 2253.

MATH 3440 - Data Exploration and Visualization (3 credits)
This course provides a foundation for data exploration through the creation of graphical visualizations and focuses on effective design and communication. Various types of software will be utilized to give the student a preview of programs commonly used in statistics courses.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in MATH 1101, MATH 1111, or MATH 1401.

MATH 3450 - Applied Statistics for Big Data Analysis (3 credits)
This course covers the science of collecting, organizing, and interpreting numerical data using popular statistical analysis tools for big data analysis.
Lecture Hours: 3.

MATH 3500 - Applied Probability (3 credits)
This course is a pre-calculus treatment of probability distributions and their applications. This course does not count towards the B.S. Mathematics program.
Lecture Hours: 3. Prerequisite: At least a C in MATH 1101, MATH 1111, or MATH 1401.

MATH 3510 - Foundations of Geometry (3 credits)
This course is a study of Euclidean and non-Euclidean plane geometry from both synthetic and metric approaches. Topics include concepts related to incidence, betweenness, plane separation and convexity, congruence, and parallelism, with some attention given to geometric transformations.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3040.

MATH 3600 - Probability and Statistics (3 credits)
This course is a post-calculus treatment of probability and statistics. Topics include descriptive statistics, probability distributions for discrete and continuous random variables, statistical inference, one way analysis of variance, and regression analysis. It is strongly recommended that MATH 2252 be taken prior to or concurrently with this course.
Lecture Hours: 3. Prerequisite: At least a C in MATH 1251.

MATH 3610 - Biological Statistics (3 credits)
This course is an introduction to various statistical methods that are of particular interest to biologists for experimental and observational study design and interpretation. Throughout the course the application of statistical techniques within a biological context will be emphasized, using data from laboratory and field studies.
Lecture Hours: 3. Prerequisite: At least a C in MATH 1401 or MATH 3600.

MATH 3700 - Applied Calculus for Information Technology (3 credits)
This course is an introduction to calculus with emphasis on applications to business, information science, and related fields. Topics include relations and functions, limits, continuity, derivatives, applications of derivatives, the Fundamental Theorems of Calculus, integration, and applications of integration. This course may not be used for credit in the B.S. Mathematics Program.
Lecture Hours: 3. Prerequisite: MATH 1111 College Algebra C or better.

MATH 3999 - Special Topics in Mathematics (3 credits)
This course is an intensive study of a significant topic in mathematics not otherwise covered in course offerings. This course may be repeated with different content up to four times for a maximum of 12 credit hours.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3040.

MATH 4110 - Number Theory (3 credits)
This course offers an investigative approach to number theory. Topics include divisibility and factorization, the Euclidean algorithm, linear diophantine equations, congruences and their applications, solving linear congruences, primes of special forms, the Chinese remainder theorem, multiplicative orders, the Euler phi-function, primitive roots, quadratic congruences, representation problems, and continued fractions.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3040.

MATH 4150 - Linear Algebra (3 credits)
Topics in this course include an introduction to the theory of vector spaces, with emphasis on finite-dimensional vector spaces, linear systems, matrices, linear transformations, eigenvalues, and related subjects.
Lecture Hours: 3. Prerequisite: At least a C in both MATH 2260 and MATH 3040.

MATH 4260 - Mathematical Analysis (3 credits)
This course is a study of the principles of mathematical analysis; point set topology of real numbers, numerical sequences and series, continuity, differentiation, integration, sequences and series of functions, and metric spaces.

Lecture Hours: 3. Prerequisite: At least a C in MATH 3040.

MATH 4270 - Point Set Topology (3 credits)
Point-set topology is the study of the general abstract nature of continuity or closeness on spaces. Topics in this course include an introduction to metric spaces, general topological spaces, continuity, dimension, compactness, and connectedness. Additional topics may include continuous real-valued functions; specifically, convergence of functions, separation properties, and normal spaces.
Lecture Hours: 3. Prerequisite: MATH 3040.

MATH 4300 - Regression Analysis (3 credits)
Topics in this course include simple and multiple regression, model selection procedures, analysis of variance, simultaneous inference, and design and analysis of experiments.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3600.

MATH 4480 - Graph Theory (3 credits)
Topics in this class include structure of graphs, directed graphs, trees, and connectivity; Eulerian and Hamiltonian graphs; planar graphs; graph colorings; matchings; independence; and domination. Additional topics may include symmetry of graphs, external graph theory, graph embeddings, greedy algorithm, flaws on graphs, and probabilistic methods in graph theory.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3040.

MATH 4600 - Probability and Statistics II (3 credits)
This course is a continuation of the study of Probability and Statistics. Topics include bivariate and multivariate probability distributions, functions of random variables, sampling distributions and the central limit theorem, concepts and properties of point estimators, methods of point and interval estimation, and applications.
Lecture Hours: 3. Prerequisite: At least a C in MATH 2253 and MATH 3600.

MATH 4611 - Applied Statistics I (3 credits)
This is the first in a two-course sequence. Topics include descriptive measures, sampling distributions, and one-sample inference with a focus on applications.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3440, MATH 3500, or MATH 3600.

MATH 4612 - Applied Statistics II (3 credits)
This is the second in a two-course sequence. Topics include two-sample inference, tests with qualitative data, analysis of variance, and nonparametric statistics.
Lecture Hours: 3. Prerequisite: At least a C in MATH 4611.

MATH 4621 - Mathematical Statistics I (3 credits)
This is the first in a two-course sequence. Topics in this course include distributions of random variables; conditional probability and stochastic independence; multivariate and some special distributions; and distributions of functions of random variables.
Lecture Hours: 3. Prerequisite: At least a C in both MATH 2253 and MATH 3600.

MATH 4622 - Mathematical Statistics II (3 credits)
This is the second in a two-course sequence. Topics in this course include statistical inference, sufficient statistics, estimation theory, theory of statistical tests, and inferences about normal models.
Lecture Hours: 3. Prerequisite: At least a C in MATH 4621.

MATH 4630 - Topics in Applied Statistics (3 credits)
Topics in applied statistics will be selected from quality control, sampling theory, nonparametric statistics, experimental design, computational statistics, and regression analysis.
Lecture Hours: 3. Prerequisite: At least a C in MATH 3600.

MATH 4651 - Numerical Analysis I (3 credits)
This is the first in a two-course sequence. Topics in this course include the development and implementation of efficient numerical methods; locating roots of nonlinear equations; solving systems of linear equations; numerical differentiation and integration; interpolation; and approximation of functions.
Lecture Hours: 3. Prerequisite: At least a C in MATH 2252, MATH 2260, and either MATH 1371 or CSCI 1301.

MATH 4700 - Introduction to Experimental Design (3 credits)
This course includes techniques of experimentation based on statistical principles with application to quality improvement and other fields. Topics include factorial experiments, 4-factor designs, centerpoint designs, fractional factorial designs, screening and foldover designs, blocking factorial designs, and related topics.
Lecture Hours: 3. Prerequisite: At least a C in MATH 4611..

MATH 4900 - Internship in Mathematics (1 - 6 credits)
This is a work/study course in Mathematics; student work is in an appropriate position and on an appropriate project in mathematics for an assigned employer; work project is under direction of a faculty advisor in consultation with the employer.
Lecture Hours: 1 - 6 hours. Prerequisite: Permission of the department.

MATH 4901 - Operations Research I (3 credits)
This course is an introduction to the mathematical aspects and applications of operations research. Topics are selected from linear programming, integer programming, and dynamic programming.
Lecture Hours: 3. Prerequisite: At least a C in MATH 2260.

MATH 4902 - Operations Research II (3 credits)
This course is an introduction to stochastic operations research. Topics are selected from stochastic modeling and optimization, probability models, queuing theory, and Monte Carlo simulation. Note that MATH 4901 is not a prerequisite for this course.

Lecture Hours: 3. Prerequisite: At least a C in MATH 4621.

MATH 4905 - Optimization (3 credits)
Topics in this course include Lagrange multipliers, gradient methods, search techniques, variational methods and control problems, dynamic programming, and nonlinear programming.
Lecture Hours: 3. Prerequisite: At least a C in MATH 2252.

MCOM - Mass Communication

MCOM 1000 - Mass Communication Laboratory (1)
This is an introduction to the techniques of newspaper production and a practical application of those techniques. This course is limited to those students working on the school newspaper and is open to all majors. May be repeated.
Lecture Hours: 1. Lab Hours: 0.

MCOM 2131 - News Writing and Reporting (3 credits)
This is a study of basic reporting, writing, and editing practices, with practical assignments in the various media. Students will learn and utilize Associated Press writing style.
Lecture Hours: 3 hours.

MCOM 2200 - Introduction to Public Relations (3 credits)
This course will introduce you to the principles of and practices of public relations with emphasis on writing and media usage. Course topics include: news releases and media relations, print and electronic communications production, multi-media techniques, speeches, other audio-visual presentations and special events.
Lecture Hours: 3. Prerequisite: A C or better in ENGL 1102 or ENGL 1102H.

MCOM 3030 - Public Relations Strategy and Tactics (3 credits)
The course is a study of the skills and strategies used in public relations. Students will gain extensive practice in developing public relations tools to include press releases, communication plans, crisis management, media relations and event planning.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or permission of instructor.

MCOM 3131 - Newswriting Practicum: Print and TV News Production (3 credits)
This offers supervised experience in on-campus print and TV media environments. Students will receive extensive practice in the various techniques of reporting. Quality of writing will be emphasized.

Lecture Hours: 3 hours. Prerequisite: At least a C in MCOM 2131.

MCOM 3141 - Sports Broadcast News Writing Practicum - Print & TV Sports Reporting (3 credits)
This offers supervised experience in on-campus print and TV media environments covering campus sports. Students will receive extensive practice in the various techniques of sports reporting. Quality of writing will be emphasized.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in MCOM 2131.

MCOM 4030 - Crisis Management and Social Media Engagement (3 credits)
This course examines theory and research on crisis and risk communication - before, during and after a crisis. In an age when a company's every move is subject to instant, vivid, unfiltered, and global scrutiny and attack, the necessity for effective crisis management is greater than ever. Emphasis will be placed on practical application of crisis communications theory, with the use of real-life case studies. Social media also plays an integral role in managing a crisis. Focus will be directed to the use of social networks and how those tools can be used to engage audiences, execute crisis communication plans, and identify trends.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in MCOM 3030..

MCOM 4035 - Social Media Analytics (3 credits)
The social media analytics course will enable students to grasp the analytics tools to leverage social media data. The course will introduce tools such as engagement analytics, sentiment analysis, topic modeling, social network analysis, identification of influencers and evaluation of social media strategy. It will involve lots of hands-on exercises.
Lecture Hours: 3. Prerequisite: At least a "C" in NMAC 2108.

MCOM 4040 - Public Relations Campaign Planning (3 credits)
This course includes the study of the strategies and objectives of effective public relations campaign planning using a case-study approach will be the focus of this course. Students will research and prepare an integrated public relations campaign. Group dynamics will come into play, as students will work in teams to design and execute appropriate integrated communications campaign to meet the needs of the client.

Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in MCOM 3030 and MCOM 4030 or permission of the instructor..

MGMT - Management

MGMT 3101 - Business Statistics (3 credits)
The course covers the theory and application of statistical methods in decision making, emphasizing inferential applications including analysis of variance, multiple regression and correlation, business forecasting, and nonparametric approaches to decision making.

Lecture Hours: 3 hours. Prerequisite: At least a C in MATH 1401 and junior standing or permission of instructor.

MGMT 3102 - Human Resource Management (3 credits)
This course is designed to give the student the principles of procuring, developing, maintaining and effectively utilizing personnel according to all Federal, State, and Local laws.

Lecture Hours: 3 hours. Prerequisite: MGMT 3108 or BUSA 3108, or MGMT 3141..

MGMT 3104 - International Business (3 credits)
This course focuses on the global dimensions of business by exploring and classifying country differences with regard to the Political Economy, Cultural Dimensions, International Trade Theory, Foreign Direct Investment, and the Global Money System are explained. Emphasis is placed on competing in the global marketplace. International business situations dealing with globalization, trade, and ethical dilemmas are examined with the use of pertinent case analysis techniques.

Lecture Hours: 3 hours. Prerequisite: MGMT 3141.

MGMT 3141 - Principles of Management (3 credits)
This is an introduction to the management process emphasizing planning and strategy, organizational theory and structure, and organizational behavior, direction and control including leadership, motivation, team building, management information systems and current managerial issues such as total quality management, multicultural impact and ethical management.
Lecture Hours: 3 hours. Prerequisite: At least a "C" in ACCT 2101 or ACCT 2000.

MGMT 3151 - Introduction to Systems Acquisition Management (3 credits)
This course introduces the student to the fundamentals of systems acquisition management. Topics such as acquisition planning; research, development and engineering; cost analysis and introduction to earned value management are just some of the beginning areas covered. The focus of this course is to introduce the student to the beginning concepts and principles of systems acquisition and to provide the student with an understanding of the steps related to the acquisition planning process.

Lecture Hours: 3 hours. Prerequisite: LENB 3135, MGMT 3141 or permission of instructor . Corequisite: LENB 3135.

MGMT 3155 - Organizational Behavior (3 credits)
This is a comprehensive study of human behavior and its interrelationship with the organizational environment. Emphasis will be on the contributions of the behavioral sciences and the constraints imposed by cultural diversity.

Lecture Hours: 3 hours. Prerequisite: MGMT 3141 or HLSA 3320.

MGMT 3160 - Principles of Management Information Systems (3 credits)
Introduction to the foundations, technology and applications of management information systems. This course emphasizes the concept of Systems Thinking i.e. the concept of information systems as elements working collectively to serve the information needs of organizations. These elements include social and ethical issues, telecommunications, relational databases and other productivity tools.

Lecture Hours: 3 hours. Prerequisite: ITEC 2201 or BUSA 2201.

MGMT 3165 - Production & Operations Management (3 credits)
This is an introduction to the design and control of production and service operation systems. Topics include material requirements planning, layout, scheduling, work measurement, quality control, and the use of quantitative tools in planning and allocating resources. Computer-assisted problem solving applications are included.

Lecture Hours: 3 hours. Prerequisite: MGMT 3101 and MGMT 3141.

MGMT 3175 - Quantitative Methods (3 credits)
This is a study of quantitative tools useful in management decision-making. Topics include linear programming, networking, scheduling models, queuing and game theory, and forecasting including computer-assisted problem solving.

Lecture Hours: 3 hours. Prerequisite: MGMT 3101.

MGMT 3314 - Purchasing and Supply Management (3 credits)
This course examines the critical operational areas of purchasing, materials management, inventory management, just-in-time (lean) purchasing, supplier selection and evaluation, total quality management, bargaining and negotiation, equipment acquisition, and global sourcing in supporting a professional supply management function.

Lecture Hours: 3 hours. Prerequisite: Completion of AMGT 2301 or MGMT 3165 with a grade of C or higher..

MGMT 4110 - Leadership (3 credits)
This course seeks to develop an understanding of effective leadership from both a theoretical and practical perspective. As such, both historical and contemporary leadership theories and approaches will be explored and their applicability to practical situations will be determined. This course will also explore the skills, abilities, and behaviors needed to exercise influence and effectively lead individuals, teams and organizations toward the achievement of common goals. It will address the roles leaders play and the responsibilities they fulfill as they strategize to positively impact organizational performance and success.

Lecture Hours: 3 hours. Prerequisite: MGMT 3141.

MGMT 4115 - Collective Bargaining/Labor Relations (3 credits)
This is an analysis of the major problems and grievances of employers, employees, and consumers arising from our competitive economic system and a consideration of efforts to solve these problems, including labor management conflict and resolution and the collective bargaining process.

Lecture Hours: 3 hours. Prerequisite: MGMT 3141.

MGMT 4125 - Compensation and Benefits (3 credits)
The course covers basic compensation and benefits systems. Topics include a study of the employment environment and its impact on compensation programs, including job evaluation methods and salary determinations. Benefit programs and governmental policy implications will be considered.

Lecture Hours: 3 hours. Prerequisite: MGMT 3141.

MGMT 4135 - Entrepreneurship (3 credits)
This is a study of the business formation process. It focuses on characteristics of successful entrepreneurs, creativity, risk taking, and the necessary planning associated with new business ventures. Students will develop an idea for a new business venture, conduct a feasibility analysis, identify resources, and conclude with a comprehensive business plan.
Lecture Hours: 3 hours. Prerequisite: MGMT 3141 or MGMT 2141, MKTG 3161 or MKTG 2161, and FINA 3131 or FINA 3110. Cross-Listed as: MKTG 4135.

MGMT 4151 - Principles of Contracting (3 credits)
This course introduces the student to contracting basics, acquisition planning, and solicitation portions of the contracting process. Contracting topics such as understanding the acquisition team, business relationships, E-Commerce, contracting regulations, elements of a contract, and contracting methods are just some of the beginning areas covered. In addition, elements of acquisition planning such as risk, market research, commercial considerations, contract types, and socio-economic areas are discussed. Steps related to the solicitation process such as developing a source list, line item structure, labor laws, format of a solicitation and amendment, and synopsis are reviewed. The focus of this course is to introduce the student to beginning contracting concepts and principles and to provide the student with an understanding of the steps related to the acquisition planning and solicitation process.
Lecture Hours: 3 hours. Prerequisite: MGMT 3141 . Corequisite: LENB 3135 (Prerequisite or Co-requisite) . Cross-Listed as: MKTG 4151.

MGMT 4152 - Contract Evaluation and Award (3 credits)
This course introduces the student to topics related to the evaluation, award, and post award portions of the contracting process. Elements of evaluation related to competitive acquisitions and past performance evaluation are reviewed. Steps related to the proposal receipt process such as contractor responsibility, debarred/suspended, and certificate of competency are covered. The award process is also covered by a discussion of processes such as legal review, clearance, 1279 Report, notification to unsuccessful offeror, and preparation of award. Post award topics such as contract administration functions, contract closeout, contract modifications, remedies, claims, disputes, and request for equitable adjustments are covered. The focus of this course is to provide the student with an understanding of the steps related to the evaluation, award, and post award phases of the contracting process.

Lecture Hours: 3 hours. Prerequisite: MGMT 4151. Cross-Listed as: MKTG 4152.

MGMT 4153 - Contract Pricing (3 credits)
This course introduces the concepts and practices associated with analyzing data, defending the results and basis of the analysis, and documenting those determinations. Topics include determining the appropriateness of performing price and cost analysis as well as the use of various tools associated with each method. In addition, the course will provide instruction on incorporating information derived from these tools to formulate a strategy for defending said results and applying them in a negotiation environment. The focus of this course is to ensure not only the understanding of the evaluation process but also the transfer of that knowledge to making sound price/cost business decisions.

Lecture Hours: 3 hours. Prerequisite: FINA 3110, MGMT 3101, and MGMT 4152. Cross-Listed as: MKTG 4153.

MGMT 4165 - Small Business Management (3 credits)
This is a hands-on experience concerned with the problems and responsibilities of starting and operating a small business. Students work in teams, consulting with small business and/or entrepreneurs on actual business cases.

Lecture Hours: 3 hours. Prerequisite: FINA 3110, MGMT 3101, MGMT 3141, MKTG 3161, or permission of the instructor. Cross-Listed as: MKTG 4165.

MGMT 4166 - Advanced Operations Management (3 credits)
This course is an extension of the core operations management course and is intended for students enrolled in the operations management major concentration. It includes a more in-depth analysis of cutting edge topics such as production planning and control, inventory management, lean manufacturing, six sigma, theory of constraints, project management, enterprise resource planning systems, and more.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165.

MGMT 4167 - Operations Strategy (3 credits)
This course is a strategic look at the production/operations function of modern business systems intended for students enrolled in the operations management major concentration. The emphasis of this course is on designing operating systems that go beyond merely supporting the organization's business strategy. World class operations provide firms with distinctive competencies that give the firm a competitive advantage in the marketplace. This course will use lecture and case studies.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165.

MGMT 4171 - Continuous Process Improvement (3 credits)
This course introduces students to the importance of continuous process improvement as a competitive necessity for today`s business environment. Three primary bodies of knowledge are discussed: Lean, Six Sigma, and Theory of Constraints.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165 with a grade of C or higher.

MGMT 4172 - Advanced Six Sigma (3 credits)
This course will build on the knowledge students gained in the Introduction to Six Sigma course. The emphasis of this course will be on using software packages such as Minitab, Visio, and PowerPoint for defining, measuring, analyzing, improving, and controlling business processes. The class will feature guest speakers and possibly field trips to companies who are using the Six Sigma philosophy and tools. Additionally, the philosophy and tools students will learn will be used in study engineering, supply chains, manufacturing, and administrative systems. Performance will be measured with in-class examinations and quizzes, individual/group case analyses, and other suitable methods.

Lecture Hours: 3 hours. Prerequisite: Grade C or better in MGMT 4171.

MGMT 4175 - Global Business & Management (3 credits)
This course seeks to develop a global mindset required to manage international business operations, markets and resources, and addresses the challenges of managing consumers and human resources across cultures in global markets. This course will help the students learn the economic, financial, political and legal differences and challenges in managing global trade and business organizations. This course will address the unique perspectives and analyses associated with investments and trade in foreign markets, developing international marketing/consumer strategies, and will explain the challenges associated with leadership and human resource practices in diverse cultural environments. Special attention will be given to the role of technology and knowledge based firms in global markets.
Students will not receive credit for both ECON 3175 and MGMT 4175.

Lecture Hours: 3 hours. Prerequisite: ECON 2105; ECON 2106; and Junior standing or permission of instructor..

MGMT 4181 - Service Management (3 credits)
This course is an in-depth look at the management of service operations. A customer-centered focus is used. Topics include new service design and development and managing on-going service operations with an emphasis on continuous improvement. Several world-class service providers will be analyzed in detail.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165.

MGMT 4195 - Strategic Management (3 credits)
This is a capstone course designed to integrate knowledge gained in the various functional business areas and to exercise the student`s analytical skills in problem identification, strategy formulation, integration and decision implementation, including international and ethical considerations.

Lecture Hours: 3 hours. Prerequisite: BUSA 3101, ECON 3175, FINA 3110, LENB 3135, MGMT 3101, MGMT 3141, MGMT 3165, MKTG 3161, and senior standing.

MGMT 4505 - Special Topics (1 - 3 credits)
This is a customized course under the direction of a faculty sponsor that meets special needs of students and/or the community. It is designed to offer students an opportunity to study at a level or on topics not covered in regularly scheduled courses.

Lab Hours: 1 - 3 hours. Prerequisite: Approval of School Dean.

MGMT 4605 - Internship and/or Cooperative Education (1 - 9 credits)
This is an individually designed and planned learning experience involving field experience and study in the private or public sector.

Prerequisite: Approval of School Dean and Faculty Sponsor.

MGMT 4805 - Independent Study (1 - 3 credits)
This is an investigation of a topic of interest with reports given to instructor.

Prerequisite: Approval of School Dean.

MIL - Military Science

MIL 101 - Introduction to the Army and Critical Thinking (2)
An introduction to the U.S. Army and what it means to be a professional in the Army. The course emphasizes the critical-thinking skills necessary for leadership and how resilience and fitness support development as an Army leader. Includes Leadership Lab plus optional participation in the physical training program and field training exercises. (Every fall)
Lecture Hours: 2. Prerequisite: Taught on base for military personnel only.

MIL 102 - Introduction to the Profession of Arms (2)
An introduction to the profession of arms and its associated life skills and personal/professional competencies. Includes goal setting, time and stress management and how they relate to effective leadership. The course emphasizes the development of essential skills required for effective communication. Includes Leadership Lab plus optional participation in the physical training program and field training exercises. Optional Basic Camp follows at the end of the course. (Every spring)
Lecture Hours: 2. Prerequisite: Taught on base for military personnel only.

MIL 201 - Leadership and Decision Making (2)
An in-depth exploration of decision-making and leadership in the Army, emphasizing critical and creative thinking and the application of established processes to develop innovative solutions to problems. Leadership forums and self-assessment tools are utilized to continue developing a deeper understanding of the Army profession. Includes Leadership Lab plus optional participation in the physical training program and field training exercises. (Every fall)
Lecture Hours: 2. Prerequisite: Sophomore Standing. Taught on base for military personnel only..

MIL 202 - Army Doctrine and Team Development (2)
Introduction to Army doctrine and the philosophy of military service. This course explores the legal and ethical framework for Army operations, including the Warrior Ethos and the law of land warfare. Continued leadership development through team-building exercises in small units up to squad level. Includes Leadership Lab plus optional participation in the physical training program and field training exercises. (Every spring)
Lecture Hours: 2. Prerequisite: Sophomore standing. Taught on base for military personnel only..

MIL 301 - Training Management and the Warfighting Functions (3)
Introduction to the fundamentals of Training Management and the Army Warfighting Functions. This course provides the foundation and tools required to plan, prepare and execute training for small-unit operations. Includes Leadership Lab plus optional participation in the physical training program and field training exercises. (Every fall)
Lecture Hours: 3. Prerequisite: MIL 202 or Basic Camp or prior service. Taught on base for military personnel only..

MIL 302 - Applied Leadership in Small Unit Operations (3)
The study and application of direct-level leadership and small-unit tactics at the platoon level. Students will develop the capability to plan, coordinate, navigate, motivate, and lead a platoon in mission execution. This course is in preparation for ROTC Advanced Camp in the summer at Ft. Knox, KY (contracted Cadets only). Includes Leadership Lab plus optional participation in the physical training program and field training exercises. (Every spring)
Lecture Hours: 3. Prerequisite: MIL 301. Taught on base for military personnel only..

MIL 401 - The Army Officer (3)
An extensive exploration of the development of the Army Officer with an emphasis on the knowledge and skills required for training and leading platoon-sized formations. This course includes resources for working with and developing subordinate leaders as well as the ethical and legal responsibilities inherent in conducting operations and training as company-grade and field--grade officers. Includes Leadership Lab plus optional participation in the physical training program and field training exercises. (Every fall)
Lecture Hours: 3. Prerequisite: MIL 302. Taught on base for military personnel only..

MIL 402 - Transition to Lieutenant (3)
An examination of the knowledge, skills, and abilities required of junior military officers. This course also highlights the doctrinal foundations of Army operations, including Unified Land Operations, Army Warfighting Functions, and Mission Command. Mandatory requirement for commissioning. Includes Leadership Lab plus participation in the physical training program and field training exercises. (Every spring)
Lecture Hours: 3. Prerequisite: MIL 302 and status as a contracted Cadet. Taught on base for military personnel only..

MIL 451 - Advanced Theory of Military Leadership I (1)
An independent study of military leadership at senior level echelons and the development of the US Army from its primitive origin to the present. Available only to MS V cadets who continue to receive ROTC scholarship after the completion of the advanced course. (Occasionally)
Lecture Hours: 1. Prerequisite: MIL 402. Taught on base for military personnel only..

MIL 452 - Advanced Theory of Military Leadership II (1)
An independent study to define the role of the military in the year 2030, including research on the likely missions the U.S. military will confront. Available only to MS V cadets who continue to receive ROTC scholarship after the completion of the advanced course. (Occasionally)
Lecture Hours: 1. Prerequisite: MIL 452. Taught on base for Military Personnel only..

MKTG - Marketing

MKTG 3161 - Principles of Marketing (3 credits)
This is an introduction to the basic principles of marketing and the marketing environment with a focus on development of an understanding of ethical planning, implementing, and controlling marketing activities on a local, national, and international scale.
Lecture Hours: 3 hours. Prerequisite: "C" or better in ACCT 2101 or ACCT 2000.

MKTG 3162 - Consumer Behavior (3 credits)
This is a study of the consumer decision-making process and the factors influencing it. Psychological, sociological, economic, and cultural anthropological factors are examined. Their impact on marketing formulation, both domestic and international, is emphasized.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 3167 - Retailing (3 credits)
This is a study of the retail strategy as it helps form the philosophy, objectives, activities, and control mechanisms for a retailer.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 3170 - Sales and Sales Management (3 credits)
This course is a study of methods of professional selling and sales management. The focus is on how sales fits into the overall marketing function, including the theory, practice, and current behavioral concepts of personal selling and the elements of managing a successful sales force necessary for meeting marketing objectives.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 3209 - Airline Marketing (3 credits)
This course provides a foundation in general marketing principles as they relate to the aviation and airline industry: including the frequent flyer program, marketing tools, and unique aspects of the aviation market segmentations.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 3409 - Small Business Marketing (3 credits)
This course covers practical marketing strategies and tactics for entrepreneurs ranging from independent consultants to small business owners and employees. Learn how to create a targeted marketing plan and implement it through digital, print, and verbal marketing streams. You examine key marketing concepts, from target-market definition to objective setting and plan evaluation; gain an understanding of critical marketing vehicles, from websites to sales presentations; and learn how to write critical documents, from news releases to sales brochures and marketing presentations.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 4135 - Entrepreneurship (3 credits)
This is a study of the business formation process. It focuses on characteristics of successful entrepreneurs, creativity, risk taking, and the necessary planning associated with new business ventures. Students will develop an idea for a new business venture, conduct a feasibility analysis, identify resources, and conclude with a comprehensive business plan.

Lecture Hours: 3 hours. Prerequisite: MGMT 3141 or MGMT 2141, MKTG 3161 or MKTG 2161, and FINA 3131 or FINA 3110.

MKTG 4151 - Principles of Contracting (3 credits)
This course introduces the student to contracting basics, acquisition planning, and solicitation portions of the contracting process. Contracting topics such as understanding the acquisition team, business relationships, E-Commerce, contracting regulations, elements of a contract, and contracting methods are just some of the beginning areas covered. In addition, elements of acquisition planning such as risk, market research, commercial considerations, contract types, and socio-economic areas are discussed. Steps related to the solicitation process such as developing a source list, line item structure, labor laws, format of a solicitation and amendment, and synopsis are reviewed. The focus of this course is to introduce the student to beginning contracting concepts and principles and to provide the student with an understanding of the steps related to the acquisition planning and solicitation process.

Lecture Hours: 3 hours. Prerequisite: MGMT 3141 . Corequisite: LENB 3135 (as either a prerequisite or co-requisite).

MKTG 4152 - Contract Evaluation and Award (3 credits)
This course introduces the student to topics related to the evaluation, award, and post award portions of the contracting process. Elements of evaluation related to competitive acquisitions and past performance evaluation are reviewed. Steps related to the proposal receipt process such as contractor responsibility, debarred/suspended, and certificate of competency are covered. The award process is also covered by a discussion of processes such as legal review, clearance, 1279 Report, notification to unsuccessful offeror, and preparation of award. Post award topics such as contract administration functions, contract closeout, contract modifications, remedies, claims, disputes, and request for equitable adjustments are covered. The focus of this course is to provide the student with an understanding of the steps related to the evaluation, award, and post award phases of the contracting process.

Lecture Hours: 3 hours. Prerequisite: MKTG 4151.

MKTG 4153 - Contract Pricing (3 credits)
This course introduces the concepts and practices associated with analyzing data, defending the results and basis of the analysis, and documenting those determinations. Topics include determining the appropriateness of performing price and cost analysis as well as the use of various tools associated with each method. In addition, the course will provide instruction on incorporating information derived from these tools to formulate a strategy for defending said results and applying them in a negotiation environment. The focus of this course is to ensure not only the understanding of the evaluation process but also the transfer of that knowledge to making sound price/cost business decisions.

Lecture Hours: 3 hours. Prerequisite: FINA 3110, MGMT 3101, and MGMT 4152.

MKTG 4161 - Marketing Research (3 credits)
This course is a study of the development of the basic methodology in research design for primary and secondary data, including requirements for collection, analysis, editing, coding, and presentation of data to support marketing decisions.

Lecture Hours: 3 hours. Prerequisite: MGMT 3101 and MKTG 3161.

MKTG 4162 - Business to Business Marketing (3 credits)
This course is a study of the marketing of products and services to institutions, including businesses, government, and non-profit organizations. The course focuses on the practices, strategies, and managerial problems unique to development of the business-to-business marketing mix.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 4163 - Services Marketing (3 credits)
This course is a study of the unique challenges of managing a marketing mix of for-profit and non-profit services. The course covers theory, service quality attainments, service design and strategy, and implementation plans. It includes an examination of social marketing, which seeks to influence social behaviors not to benefit the marketer but to benefit the target audience and society.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 4165 - Small Business Management (3 credits)
This is a hands-on experience concerned with the problems and responsibilities of starting and operating a small business. Students work in teams consulting with small business and/or entrepreneurs on actual business cases.

Lecture Hours: 3 hours. Prerequisite: FINA 3110, MGMT 3101, MGMT 3141, MKTG 3161, or permission of the instructor.

MKTG 4166 - Marketing Promotion and Communication (3 credits)
This is a study of the theoretical and practical aspects of effective marketing communication as a means of market promotion. The course stresses economic, social, and ethical aspects of promotion and requires the student to develop a program for a specific purpose including layouts and story boards.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 4168 - International Marketing (3 credits)
This course is a study of the international business environment, including the social, cultural, political, technological, and institutional factors. The course focuses on how companies compete for customers around the world by examining the global implications of managing the marketing mix and understanding the global economy, cultural forces, and the political and regulatory climate.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 4170 - Social Media (3 credits)
Surveys usage of social media tools and technology for marketing purposes. Studies the relevance and importance of these tools to new and emerging marketing processes.
Lecture Hours: 3 hours. Prerequisite: MKTG 3161.

MKTG 4198 - Marketing Management (3 credits)
This is a study of the marketing environment. Application of the development of the marketing plan and strategy coupled with techniques to ethical marketing management is stressed by the use of cases or computer simulation.

Lecture Hours: 3 hours. Prerequisite: MKTG 3161, plus two other 3000/4000-level marketing courses, and senior standing.

MKTG 4505 - Special Topics (3 credits)
This is a customized course that meets special needs of students and/or the community under the direction of a faculty supervisor. It is designed to offer students an opportunity to study at a level or on topics not covered in regularly scheduled courses.

Lecture Hours: 3 hours. Prerequisite: Approval of School Dean.

MKTG 4605 - Internship and/or Cooperative Education (1 - 9 credits)
This is an individually designed and planned learning experience involving field experience and study in the private or public sector.

Prerequisite: Approval of School Dean and Faculty Sponsor.

MKTG 4805 - Independent Study (1 - 3 credits)
This course is an investigation of a topic of interest with reports given to instructor.

Prerequisite: Approval of School Dean.

MUSA - Music-Applied

Applied Music Courses
Applied music encompasses the areas of instrumental and vocal performance requiring individual studio instruction. Studio instruction is offered in applied music performance courses for two (2) hours of credit. Students must be enrolled in the appropriate ensemble course as well. Students will work toward continued mastery of technique and appropriate literature that meet or exceed standards for current level of study. Students are expected to practice daily and will come prepared for weekly 60-minute lessons. Enrolled students are also expected to attend and participate in music studio programming and performances throughout the semester. A juried performance completes the semester.

MUSA 1003 - Applied Piano (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1004 - Applied Piano (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1013 - Applied Voice (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1014 - Applied Voice (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1023 - Applied Brass (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1024 - Applied Brass (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1033 - Applied Woodwind (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1034 - Applied Woodwind (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1043 - Applied Percussion (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1044 - Applied Percussion (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1053 - Applied Strings (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1054 - Applied Strings (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1063 - Applied Classical Guitar (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1064 - Applied Classical Guitar (1 credits)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1103 - Applied Piano (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1104 - Applied Piano (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1111 - Lower Level Applied (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1112 - Lower Level Applied (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1123 - Applied Brass (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1124 - Applied Brass (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1133 - Applied Woodwind (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1134 - Applied Woodwind (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1143 - Applied Percussion (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1144 - Applied Percussion (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1153 - Applied Strings (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1154 - Applied Strings (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1163 - Applied Classical Guitar (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lab Hours: One hour per week. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 1164 - Applied Classical Guitar (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lab Hours: One hour per week. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2003 - Applied Piano (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2004 - Applied Piano (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.
Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2013 - Applied Voice (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2014 - Applied Voice (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2023 - Applied Brass (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2024 - Applied Brass (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2033 - Applied Woodwind (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2034 - Applied Woodwind (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2043 - Applied Percussion (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lecture Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2044 - Applied Percussion (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2053 - Applied Strings (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2054 - Applied Strings (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2063 - Applied Classical Guitar (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2064 - Applied Classical Guitar (1 credit)
Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lab Hours: Private one-hour lesson. Small group two hours.. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2103 - Applied Piano (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2104 - Applied Piano (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2111 - Lower Level Applied (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2112 - Lower Level Applied (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2123 - Applied Brass (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2124 - Applied Brass (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2133 - Applied Woodwind (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2134 - Applied Woodwind (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2143 - Applied Percussion (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2144 - Applied Percussion (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2153 - Applied Strings (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2154 - Applied Strings (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture Hours: 0 hours. Lab Hours: 1 hours. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2163 - Applied Classical Guitar (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lab Hours: 1. Prerequisite: None, but courses must be taken in sequence . Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 2164 - Applied Classical Guitar (2 credits)
Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lab Hours: 1. Prerequisite: None, but courses must be taken in sequence. Corequisite: Appropriate 1000/2000-level ensemble.

MUSA 3111 - Upper Level Applied (2 credits)
Private music lessons on brass, guitar, piano, percussion, strings, woodwinds, voice, or composition in style of declared emphasis: classical or commercial. Courses will include instruction on improvisation. Music majors receive preference. Non-majors who pass the audition are accepted on a space-only basis. Applied Music fee required each semester. A successful completion of the 2000-level sequence is required for placement in the 3000-level sequence.

Lecture Hours: 1. Lab Hours: 1. Prerequisite: Successful completion of 2000-level MUSA sequence. Corequisite: Appropriate 3000-level ensemble, based on recommendation of advisor.

MUSA 3112 - Upper Level Applied (2 credits)
Private music lessons on brass, guitar, piano, percussion, strings, woodwinds, voice, or composition in style of declared emphasis: classical or commercial. Courses will include instruction on improvisation. Music majors receive preference. Non-majors who pass the audition are accepted on a space-only basis. Applied Music fee required each semester. A successful completion of the 2000-level sequence is required for placement in the 3000-level sequence.

Lecture Hours: 1. Lab Hours: 1. Prerequisite: A grade of C or better in MUSA 3111. Corequisite: Appropriate 3000-level ensemble, based on recommendation of advisor.

MUSA 4111 - Upper Level Applied (2 credits)
Private music lessons on brass, guitar, piano, percussion, strings, woodwinds, voice, or composition in style of declared emphasis: classical or commercial. Courses will include instruction on improvisation. Music majors receive preference. Non-majors who pass the audition are accepted on a space-only basis. Applied Music fee required each semester. A successful completion of the 3000-level sequence is required for placement in the 4000-level sequence.

Lecture Hours: 1. Lab Hours: 1. Prerequisite: C or better in MUSA 3112. Corequisite: Appropriate 3000-level ensemble, based on recommendation of advisor..

MUSA 4112 - Upper Level Applied (2 credits)
Private music lessons on brass, guitar, piano, percussion, strings, woodwinds, voice, or composition in style of declared emphasis: classical or commercial. Courses will include instruction on improvisation. Music majors receive preference. Non-majors who pass the audition are accepted on a space-only basis. Applied Music fee required each semester. A successful completion of the 3000-level sequence is required for placement in the 4000-level sequence.

Lecture Hours: 1. Lab Hours: 1. Prerequisite: C or better in MUSA 4111. Corequisite: Appropriate 3000-level ensemble, based on recommendation of advisor.

MUSC - Music

MUSC 1000 - Foundations of Music Theory (1 credits)
This course provides an overview of the basic skills of music theory, including pitch, rhythm, meter, scales and chords. It introduces aural skills, including learning how to notate what is heard, and how to sing in solfege.
Lecture Hours: 1. Corequisite: All students enrolling in MUSC 1101 must take the placement exam to place out of MUSC 1000 or take the course as a co-req with MUSC 1101..

MUSC 1006 - Perspectives on Music and Society (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to music and society. The course includes an online Critical Thinking and Oral Communication (CTOC) component. This course will explore the connections between music and the various facets of human experience. Using content from multiple genres, social groups, and historical eras, the course will focus on the ways music shapes, interprets, and represents cultural changes.
Lecture Hours: 4 hours.

MUSC 1078 - Classical Guitar Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1079 - Classical Guitar Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1080 - University Band (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1081 - University Band (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1082 - Jazz Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1083 - Jazz Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1084 - Brass Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1085 - Brass Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1086 - Percussion Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1087 - Percussion Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1088 - Woodwind Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Corequisite: None, but must be taken in sequence.

MUSC 1089 - Woodwind Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lab Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1090 - Chamber Singers (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1091 - Chamber Singers (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 1100 - Music Appreciation (3 credits)
An introduction to music history and literature. Students will develop listening skills for and gain cultural understanding of music from around the world. Popular and art music from Western and non-Western cultures are included to help prepare students for the global economy.
Lecture Hours: 3 hours.

MUSC 1101 - Elementary Theory I (2 credits)
This is the study of elementary materials of music theory, including scales, intervals, keys, terminology, diatonic harmony, instrument transpositions, and rudimentary score analysis.

Lecture Hours: 2 hours. Lab Hours: 3 hours. Corequisite: MUSC 1102.

MUSC 1102 - Sight-singing/Ear-training I (1 credits)
This course focuses on developing basic sight-reading/sight-singing skills, including melodic, harmonic, and rhythmic sight-singing and dictation.

Lecture Hours: 1 hours. Corequisite: MUSC 1101.

MUSC 1103 - Elementary Theory II (2 credits)
This is the continued study of elementary materials of music theory, including scales, intervals, keys, terminology, diatonic harmony, instrument transpositions, and rudimentary score analysis.
Lecture Hours: 2 hours. Lab Hours: 3 hours. Prerequisite: C or better in MUSC 1101. Corequisite: MUSC 1104.

MUSC 1104 - Sight-singing/Ear-training II (1 credits)
This course focuses on developing basic sight-reading/sight-singing skills, including melodic, harmonic, and rhythmic sight-singing and dictation.

Lecture Hours: 1 hours. Prerequisite: C or better in MUSC 1102. Corequisite: MUSC 1103.

MUSC 1112 - Piano Functional Skills and Group Piano I (1 credits)
Introduction for the beginner to the piano and related functional skills. Topics include basic piano technique, introduction to harmonization, elementary classical and pop repertoire, and multi-piano ensemble. This class is appropriate for Music majors (performance, production and industry tracks), music minors, and the non-major. Piano Functional Skills I / Group Piano I course provides group-piano instruction. Each student will be able to learn, practice, collaborate, and perform in a classroom setting using the features of the keyboard-lab.

Lecture Hours: 0. Lab Hours: 2 hours. Prerequisite: none.

MUSC 1113 - Piano Functional Skills and Group Piano II (1 credits)
Continuing development of piano and related functional skills. Topics include sight reading and basic vocal scores using classical and pop repertoire and multi-piano ensemble. Classical and commercial scores will be used. This class is appropriate for Music majors (performance, production and industry tracks), music minors, and the non-major. Piano Functional Skills II / Group Piano II course provides group-piano instruction. Each student will be able to learn, practice, collaborate, and perform in a classroom setting using the features of the keyboard-lab.

Lecture Hours: 0. Lab Hours: 2 hours. Prerequisite: C or better in MUSC 1112 or permission of instructor.

MUSC 1500 - Foundations in Music Technology (3 credits)
This course is an introduction to the programs and platforms used in the field of music technology. Topics include an introduction to the physical and acoustical properties of sound, MIDI basics, audio recording and editing. Special attention will be given to the utilization of music notation and DAW software to enable modern musicians to interface with the digital world.
Lecture Hours: 2. Lab Hours: 1. Prerequisite: C or better in MUSC 1101 and MUSC 1102.

MUSC 1800 - Class Voice I (1)
This course is an introduction for the beginner to vocal technique and repertoire. Topics include breath management and tone production. Classical and pop repertoire will be included. This class is appropriate for Music majors (performance, production and industry tracks) studying an applied instrument other than voice, music minors, and the non-major.
Lecture Hours: 0. Lab Hours: 2. Prerequisite: C or better in MUSC 1112.

MUSC 1810 - Class Voice II (1)
Continuing development of vocal technique. Topics include interpretation and the international phonetic alphabet. Classical and pop repertoire will be included. This class is appropriate for Music majors (performance, production and industry tracks) studying an applied instrument other than voice, music minors, and the non-major.
Lecture Hours: 0. Lab Hours: 2. Prerequisite: C or better in MUSC 1800.

MUSC 2078 - Classical Guitar Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 2079 - Classical Guitar Ensemble (1 credit)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 2080 - University Band (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2081 - University Band (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2082 - Jazz Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2083 - Jazz Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2084 - Brass Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2085 - Brass Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2086 - Percussion Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2087 - Percussion Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2088 - Woodwind Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2089 - Woodwind Ensemble (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Prerequisite: None, but must be taken in sequence.

MUSC 2090 - Chamber Singers (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 2091 - Chamber Singers (1 credits)
Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture Hours: 3 hours. Prerequisite: None, but must be taken in sequence.

MUSC 2111 - Piano Functional Skills III (1)
Continuing development of piano and related functional skills. Topics include intermediate piano technique, piano accompaniment, transposition of musical scores. Classical and commercial scores will be used. This class is appropriate for Music majors (performance, production and industry tracks) and music minors. Others with the permission of the instructor. Piano Functional Skills III course provides group-piano instruction. Each student will be able to learn, practice, collaborate, and perform in a classroom setting using the features of the keyboard-lab.
Lecture Hours: 0. Lab Hours: 2. Prerequisite: C or better in MUSC 1113.

MUSC 2112 - Piano Functional Skills IV (1)
Continuing development of piano and related functional skills. Topics include 4-part vocal scores and basic choir coaching skills. Classical and commercial scores will be used. This class is appropriate for Music majors (performance, production and industry tracks) and music minors. Others with the permission of the instructor. Piano Functional Skills IV course provides group-piano instruction. Each student will be able to learn, practice, collaborate, and perform in a classroom setting using the features of the keyboard-lab.
Lecture Hours: 0. Lab Hours: 2. Prerequisite: C or better in MUSC 2111.

MUSC 2201 - Intermediate Music Theory I (2 credits)
This is a continuation of the music theory sequence. Topics include advanced concepts in melodic analysis, harmonic analysis, and score analysis, as well as the study of form.

Lecture Hours: 2 hours. Prerequisite: C or better in MUSC 1103.

MUSC 2202 - Sight Singing / Ear Training III (1 credit)
This course applies material studied in MUSC 2201 using the keyboard as a tool. Aural skills will expand and incorporate highly syncopated rhythmic patterns and chromatic, harmonic structures. Multiple genres, Western and non-Western, classical and non-classical, will be used as exemplars.

Lecture Hours: 0. Lab Hours: 1. Prerequisite: C or better in MUSC 1104. Corequisite: MUSC 2201.

MUSC 2203 - Intermediate Music Theory II (2 credits)
This is a continuation of the music theory sequence. Topics include advanced concepts in melodic analysis, harmonic analysis, and score analysis, as well as the study of form.

Lecture Hours: 2 hours. Lab Hours: 3 hours. Prerequisite: C or better in MUSC 2201.

MUSC 2204 - Sight Singing / Ear Training IV (1 credit)
This course applies material studied in MUSC 2203 using the keyboard as a tool. Aural skills will continue to expand and incorporate highly syncopated rhythmic patterns and chromatic, harmonic structures. Multiple genres, western and non-western, classical and non-classical, will be used as exemplars.

Lecture Hours: 0. Lab Hours: 1. Prerequisite: C or better in MUSC 2202. Corequisite: MUSC 2203.

MUSC 2500 - Commercial Music Lab (3 credits)
This course builds on the foundations of music technology that are introduced in MUSC 1500. Students will create original compositions and arrangements using MIDI instruments, Finale, and Studio One.
Lecture Hours: 2. Lab Hours: 1. Prerequisite: MUSC 1500.

MUSC 2800 - Songwriting (3 credits)
This course teaches the basics of song form and the processes of combining melody, harmony, rhythm, and lyrics. Students will create original works using original and borrowed lyrics. Students will build upon skills introduced in MUSC 1500 by utilizing music notation software to create a portfolio of their work.

Lecture Hours: 3. Lab Hours: 0. Prerequisite: C or better in MUSC 1101, MUSC 1102, and MUSC 1500 or permission of instructor.

MUSC 2810 - Scoring and Arranging (3 credits)
Developing student skills in music scoring and arranging of their own compositions, and those of others, for winds, vocals, percussion, strings, and rhythm section.
Lecture Hours: 3 . Prerequisite: C or better in MUSC 1101, MUSC 1102, and MUSC 1500 or permission of instructor.

MUSC 3050 - Rehearsal Techniques and Conducting, Vocal (2 credits)
Development of student skills for planning and conducting vocal rehearsals. Students will also learn basic conducting strategies, gestures, and techniques for rehearsing professional, community, and student ensembles.

Lecture Hours: 2. Lab Hours: 0. Prerequisite: C or better in MUSC 1101 and MUSC 1102.

MUSC 3060 - Rehearsal Techniques and Conducting, Instrumental (2 credits)
Development of student skills for planning and conducting instrumental rehearsals. Students will also learn basic conducting strategies, gestures, and techniques for rehearsing professional, community, and student ensembles.

Lecture Hours: 2. Lab Hours: 0. Prerequisite: C or better in MUSC 1101 and MUSC 1102.

MUSC 3070 - Commercial Combos (1 credit)
Rehearsal and performance of group literature with emphasis on commercial music styles. All upper level ensembles must be selected after consultation with the academic advisor. Audition required.
Lecture Hours: 0 . Lab Hours: 1.

MUSC 3078 - Guitar Ensemble (1 credit)
Study, rehearsal and concert performance of ensemble literature. One required performance with the possibility of other performances during the semester. Audition required.
Lecture Hours: 0. Lab Hours: 1.

MUSC 3080 - University Band (1 credit)
Study, rehearsal and concert performance of group literature. Participation in all performances is required. Students need to meet with instructor for seating.

Lecture Hours: 0. Lab Hours: 1.

MUSC 3082 - Jazz Band (1 credit)
Study, rehearsal and concert performance of group literature. Two required performances with the possibility of other performances during the semester. Audition required.
Lecture Hours: 0. Lab Hours: 1.

MUSC 3084 - Brass Ensemble (1 credit)
Study, rehearsal and concert performance of ensemble literature. One required performance with the possibility of other performances during the semester. Audition required.

Lecture Hours: 0. Lab Hours: 1.

MUSC 3086 - Percussion Ensemble (1 credit)
Study, rehearsal and concert performance of ensemble literature. One required performance with the possibility of other performances during the semester. Audition required.
Lecture Hours: 0. Lab Hours: 1.

MUSC 3088 - Woodwind Ensemble (1 credit)
Study, rehearsal and concert performance of ensemble literature. One required performance with the possibility of other performances during the semester. Audition required.
Lecture Hours: 0. Lab Hours: 1.

MUSC 3090 - Chamber Singers (1 credit)
Study, rehearsal and concert performance of ensemble literature. One required performance with the possibility of other performances during the semester. Students need to meet with instructor for seating.
Lecture Hours: 0. Lab Hours: 1.

MUSC 3092 - Gospel Chorus (1 credit)
Study, rehearsal and concert performance of ensemble literature. One required performance with the possibility of other performances during the semester. Audition required.

Lecture Hours: 0. Lab Hours: 1.

MUSC 3100 - Contemporary Scoring and Arranging (3 credits)
Students will learn to compose and arrange instrumental music for different uses including film scoring, electronic gaming, commercials, and social media.
Lecture Hours: 3. Prerequisite: A "C" or better in MUSC 1500 and MUSC 1103 and MUSC 1104.

MUSC 3150 - Improvisation (3 credits)
This course covers the basic concepts of improvisation as demonstrated by renowned jazz musicians and other commercial artists. The building blocks of improvisation, e.g. modes, linear/vertical aspects of melody, and various rhythmic patterns will be analyzed and then applied by the students as they learn to integrate these skills into their own improvisation technique. Students will experiment with jazz licks and cliché based on what they have learned in the class.
Lecture Hours: 3. Prerequisite: At least a C in MUSC 1103 and 1104.

MUSC 3200 - Commercial Music Theory (3 credits)
Prepares the modern musician, producer, or recording engineer, with an understanding of the architecture and common vocabulary of commercial music. This course will integrate Roman numeral, lead sheet, and Nashville number systems through realization and analysis. It will also combine common practice period music theory with jazz theory and apply these to contemporary performance and practice.
Lecture Hours: 3. Prerequisite: C or Better in MUSC 2201.

MUSC 3321 - Music History I (3 credits)
This is a survey of Western music history beginning with Ancient Greece and advancing through Beethoven.

Lecture Hours: 3. Lab Hours: 0. Prerequisite: C or better in MUSC 1103 and MUSC 1104.

MUSC 3322 - Music History II (3 credits)
This is a survey of Western music history beginning with nineteenth-century Romanticism and advancing through twenty-first century trends.

Lecture Hours: 3. Lab Hours: 0. Prerequisite: C or better in MUSC 1103 and MUSC 1104.

MUSC 3333 - History of Gospel Music (3 credits)
This is a survey of gospel music beginning with African tonal structures and forms, the effects of the African diaspora, and the development of sacred music from the North American colonial era through the 20th century African American experience.

Lecture Hours: 3. Lab Hours: 0.

MUSC 3350 - World Music (3)
This course investigates ethnomusicology, music history, cross-cultural analysis, and physical aspects of music from around the world. The format will be lecture-based with listening/reading/writing assignments. The course will also include music making.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: C or better in MUSC 1103, MUSC 1104, and ENGL 1102.

MUSC 3800 - Contemporary Songwriting (3 credits)
Students will learn to compose and arrange songs for different musical styles in the current popular culture. This involves learning to analyze the styles to understand their differences so that they can follow these models for composition.
Lecture Hours: 3. Prerequisite: A "C" or better in MUSC 1500, MUSC 1103 and MUSC 1104.

MUSC 3999 - Special Topics in Music (3 credits)
This course will cover a variety of topics, current and historical, that are relevant to the contemporary musical culture.
Lecture Hours: 3.

MUSC 4100 - Recording Studio Fundamentals (3 credits)
This is an introduction to the techniques of recording sound in a professional studio. Topics covered include gain structure, microphone techniques, tracking, editing, and mixing. Students will produce commercially viable recordings using AVID Pro Tools software.
Lecture Hours: 1.5. Lab Hours: 2. Prerequisite: C or better in MUSC 1500.

MUSC 4110 - Mixing Philosophy (3)
This course is an in depth practicum on the techniques of audio mixing. Students will develop the critical listening skills needed to define and evaluate elements of live and recorded music. Mastering will also be covered.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: C or better in MUSC 4100.

MUSC 4120 - Advanced Recording Techniques (3)
This course builds on topics from MUSC 4100 and MUSC 4110. Students will be introduced to more advanced terminology, microphone techniques, preamps, mastering, studio operation, and construction. Students will learn how to conduct a professional recording session and produce a portfolio of work.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: C or better in MUSC 4110.

MUSC 4150 - Sound Reinforcement (2 credits)
This course explores the challenges of sound reinforcement in a variety of performance venues. Hands-on training will be provided including microphone, amplifier, and monitor and speaker connection/placement in outdoor and indoor, live and dry acoustical settings. Equipment capabilities and preferences will be addressed as well as proper maintenance.
Lecture Hours: 1 hour. Lab Hours: 1 hour.

MUSC 4200 - Arts Entrepreneurship (3 credits)
This course will examine techniques of self-promotion, including social media, web design, and marketing for the creative product.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in ENGL 1102, ENGL 1102H.

MUSC 4250 - Survey of the Entertainment Industry (3 credits)
The complex and changing world of the entertainment industry will be explored. Contracts and negotiations, professional organizations and networks, and industry standards will be discussed.

Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C or Better in ENGL 1102 or 1102H.

MUSC 4260 - Arts Nonprofit Management (3 credits)
This course will analyze the importance of nonprofits to the artistic world. The interdependency between the arts organization and its leadership, quality programming, financial management, donor and audience development will be explored. Private/public/nonprofit partnerships will be introduced.
Lecture Hours: 3. Prerequisite: At least a C in ENGL 1102 or 1102H.

MUSC 4995 - Effective Communication for the Modern Creative (3)
This course will explore the foundations to becoming an effective communicator in the modern creative environment. Students will explore the basics of public speaking in an artistic context and how to deliver their message confidently. The second part of the course will explore techniques related to effective interviews and delivery techniques in both the live and virtual environments.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: C or better in MUSC 1103, MUSC 1104 and ENGL 1102.

MUSC 4999 - Senior Capstone (3 credits)
This capstone course is designed to synthesize musical studies and should be taken during the final year of study. The course includes a writing element as students prepare concert reviews, concert notes, and prepare a program for publication. Students in the performance track should take this course either the semester prior to, or the semester of MUSA 4112 and the presentation of their senior recital. Students in the production track should take this course either the semester prior to, or the semester of MUSC 4100 and the presentation of their senior composition portfolio. Students in the industry track should take this course either the semester prior to, or the semester of MUSC 4995 and presentation of their interview/podcast/portfolio work.
Lecture Hours: 3. Prerequisite: C or better in MUSC 1103, MUSC 1104 and ENGL 1102.

NMAC - New Media and Communications

NMAC 2108 - Introduction to Social Media (3 credits)
Study and application of social media communication and strategy, including social media platforms and user devices, message distribution, and personal and professional online, social environments. Issues of social media ethics and best practices will also be examined.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1101.

NMAC 2145 - Introduction to Media Production (3 credits)
Students learn the basics of media production using the media tools of photography, film, video, audio production, and interactive media. Students apply these fundamentals by participating in hands-on projects.

Lecture Hours: 3.

NMAC 3010 - Media Ethics (3 credits)
This course explores ethical issues in gathering, processing, and disseminating media content.
Lecture Hours: 3. Prerequisite: At least a "C" in ENGL 1102 or ENGL 1102H.

NMAC 3108 - Writing for Digital Media (3 credits)
This class addresses digital writing in various forms. In developing Web and other projects, students will consider issues such as language, information architecture, communication, collaboration, and community.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H.

NMAC 3145 - Introduction to Media Production (3 credits)
Students learn the basics of media production using the media tools of photography, film, video, audio production, and interactive media. Students apply these fundamentals by participating in hands-on projects.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H.

NMAC 3460 - Media Criticism (3 credits)
An introduction to the critical approaches used to analyze and evaluate media (television, radio, film, for example). This course is designed to provide students with a critical framework for doing in-depth analyses of media texts in terms of their structure, production, and/or reception.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H.

NMAC 3500 - Podcasting and Sound Design (3 credits)
Students will study various types of commercial and documentary-style audio podcasts and will be encouraged to develop their own personal voices and styles, while acquiring the practical skills necessary to produce their own broadcast quality podcasts. Students will also learn about long-form audio journalism, and the techniques of nonfiction storytelling. Students will produce their own podcast and explore how multimedia elements can complement audio storytelling.
Lecture Hours: 3. Prerequisite: At least a "C" in NMAC 2145.

NMAC 3600 - Digital Storytelling (3 credits)
This course explores the impact of digital technologies on the practice of storytelling. Students will learn to craft narratives in a digital format.

Lecture Hours: 3 hours. Prerequisite: At least a C in NMAC 3145.

NMAC 3610 - Advanced Digital Storytelling (3 credits)
This course advances the skills and knowledge of digital storytelling developed in NMAC 3600. Students will deepen their understanding of digital literacy, narrative voice in new media, and the tools of digital media.

Lecture Hours: 3 hours. Prerequisite: NMAC 3600.

NMAC 3651 - Digital Photography & Criticism (3 credits)
This course addresses the methods, techniques, and critical analysis of digital photography. Emphasis will be placed upon understanding the photographic image as a means to communicate content, developing and presenting photographs through digital processes, and interpreting photographs through written and oral analyses.
Lecture Hours: 3 hours. Lab Hours: 6 hours.

NMAC 3999 - Special Topics (3 credits)
This is an intensive study of a significant topic in new media and communication not otherwise covered in course offerings.
Lecture Hours: 3 hours.

NMAC 4001 - Film History I (3 credits)
This is an upper division course on the history of film from its nineteenth century origins to the end of World War II. Topics will include early cinema, silent cinema, national cinemas before and after WWI, early sound cinema, and the Hollywood studio system.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

NMAC 4002 - Film History II (3 credits)
This is an upper division course on the history of film from the end of World War II to the present. Topics will include American postwar cinema, international postwar cinemas, new cinemas of the 60s and 70s, American cinema and the entertainment economy, and the rise of global film culture.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H.

NMAC 4003 - Documentary History (3 credits)
This course will examine the history of documentary film. Students will view documentary films that influenced the medium through stylistic and philosophical approach. They will analyze the impact of technology development and advanced on content and form in documentaries.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in ENGL 1102 or 1102H.

NMAC 4440 - Screenwriting (3 credits)
This is an upper division new media course with an emphasis on writing for film. Each student will create one short film script and one feature length screenplay. Students will learn about dramatic principles and storytelling approaches.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 / ENGL 1102H. Cross-Listed as: CRWR 4440.

NMAC 4450 - Documentary Film Production (3 credits)
This course explores the concepts of visual communication as they apply to documentary film production. Each student will work on a number of short projects throughout the semester, culminating in a longer, more fully developed final video.
Lecture Hours: 3 hours. Prerequisite: At least a C in NMAC 3145. Corequisite: Course may be taken with or after completing NMAC 3600.

NMAC 4451 - Fiction Film Production (3 credits)
This course explores the concepts of visual communication as they apply to fiction film production. Each student will work on a number of short projects throughout the semester, culminating in a longer, more fully developed final video.
Lecture Hours: 3 hours. Prerequisite: At least a C in NMAC 3145. Corequisite: May take this course with or after completing NMAC 3600.

NMAC 4452 - Sports Documentary Film Production (3)
This course explores the concepts of visual communication as they apply to sports documentary film production. Each student will work on a number of short projects throughout the semester, culminating in a longer, more fully developed final video.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a C in NMAC 3145. Corequisite: Course may be taken with or after completing NMAC 3600.

NMAC 4455 - Audiovisual Editing (3 credits)
This course serves as an introduction to the art of video post-production. The course explores the theory and practice of various editing styles in order to gain a better understanding of how stories are constructed in the editing room. Through demonstrations and hands-on experience, students learn advanced editing techniques with an in-depth examination of editing software. Strong emphasis is placed on post-production techniques that improve the sound and image quality of the videos. Footage is provided for all exercises and projects. However, students are given the option to shoot new material for their final projects if desired.

Lecture Hours: 3. Corequisite: At least a C in NMAC 2145.

NMAC 4460 - Senior Seminar: New Media (3 credits)
This is a survey of new media theories and praxis. It positions new media in relation to the humanities and traditional media.
Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102/ENGL 1102H.

NMAC 4470 - Student Editor Internship (3 credits)
This is an on-campus internship designed to provide students with an opportunity to apply their academic training by working as an editor or student leader for an on-campus, student-run media organization such as The Matrix or The Fall Line Review. Notes: This course can be taken only once.
Lecture Hours: 3 hours. Prerequisite: ITEC 2215 and at least a C in ENGL 3106 or NMAC 3108.

NMAC 4471 - Off Campus Internship (3 credits)
The off-campus internship in NMAC is designed to provide students with opportunity to apply their academic training by working in an appropriate position with an off-campus company or organization. Arrangements for internships must be made before the semester begins but not during a break between semesters. The off-campus internship must be approved by an NMAC advisor. Typically, students make the outside contact. Notes: The course can be taken only once.
Lecture Hours: 3 hours. Prerequisite: ITEC 2215 and at least a C in ENGL 3106 or NMAC 3108.

NMAC 4472 - Sports Broadcasting Internship (3 credits)
The sports broadcasting internship in NMAC is designed to provide students with the opportunity to work in a multi-camera sports broadcasting situation. Students will learn to set up and use a variety of professional broadcasting cameras as well as have the opportunity to conduct interviews with coaches and players and to direct the broadcast.
Lecture Hours: 3 hours. Prerequisite: Departmental Approval.

NMAC 4481 - Film Analysis (3 credits)
This course introduces students to significant issues in the history, economics, analysis, and theory of film. Students will examine the ways in which the fundamental aspects of cinema, such as the shot, lighting, sound, camera movement and the narrative structure of film, combine to create meaning. By placing the historical and cultural development of film in context, students will come to understand not only what film had been up until now, but where film will go in the coming digital age.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H.

NMAC 4482 - Film Theory (3 credits)
This is an upper division course that surveys major theoretical and critical approaches to film. Topics will include how cinema functions as a medium, as an art form, as an institution, and as a signifying system.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102 or ENGL 1102H or permission of the instructor.

NMAC 4483 - Capstone Professional Portfolio (3 credits)
This is a capstone course for students in New Media and Communication. In this seminar, students will undertake the final preparations for entering the field of new media by developing a professional, web-based portfolio that highlights their various productions and compositions in college, their developing expertise and interest in their chosen field, and their competence in new media literacy. The class will examine current best design strategies, the latest new media trends, and legal and privacy issues.

Lecture Hours: 3 hours. Prerequisite: Must have taken at least one production course from this list: MCOM 3131 or MCOM 3141 or NMAC 3651or NMAC 4450 or NMAC 4451 or NMAC 4452..

NMAC 4483H - Honors Capstone Professional Portfolio (3 credits)
This is the capstone course for students in New Media and Communication. In this seminar, students will undertake the final preparations for entering the field of new media by developing expertise and interest in their chosen field, and their competence in new media literacy. The class will examine current best design strategies, the latest new media trends, and legal and privacy issues. The Honors Portfolio is the for the superior student, and admission to this course is by invitation of the MCA faculty to selected students who have been admitted to the Honors Program. Prerequisite: Must have taken at least one production course from this list: MCOM 3131 or MCOM 3141 or NMAC 3651 or NMAC 4450 or NMAC 4451 or NMAC 4452.

Lecture Hours: 3. Prerequisite: Must have taken at least one production course from this list: MCOM 3131 or MCOM 3141 or NMAC 3651 or NMAC 4450 or NMAC 4451 or NMAC 4452..

NURS - Nursing

NURS 1000 - Foundations of Nursing Practice (4-9-7) (7 credits)
This course introduces students to the profession of nursing and the role of the nurse in providing care to individuals and families across the life span experiencing alterations in meeting basic health needs. It introduces the framework for the program of study and provides a foundation for nursing practice within legal and ethical standards in the promotion and maintenance of health providing safe, competent, evidenced based nursing care to individuals and families across the life span.
Lecture Hours: 4 hours. Lab Hours: 9 hours. Prerequisite: ENGL 1101, ENGL 1102, Math Elective (MATH 1101, or MATH 1111, or MATH 1112, or MATH 1113, or MATH 1113H, or MATH 1251), BIOL 2251K, BIOL 2252K, Admission to nursing program. . Corequisite: NURS 1000L.

NURS 1000L - Foundations of Nursing Lab (0 credits)
Lab for NURS 1000.

Lab Hours: 3 hours. Corequisite: NURS 1000.

NURS 1003 - Clinical Calculations (2-0-2) (2 credits)
Uses metric, apothecary, and household systems of measurement with a ratio/proportion method to calculate and plan preparation and administration of medications for all ages. Includes critical thinking for safety and accuracy in dosage calculations for medication administration. Web-based (online) course.

Lecture Hours: 2 hours. Prerequisite: MATH 1101, MATH 1111, MATH 1112, MATH 1113, MATH 1113H, or MATH 1251(Prerequisites or Co-requisites).

NURS 1500 - Adult and Gerontological Nursing Practice I (4-6-6) (6 credits)
This course builds upon integration of concepts and skills from the foundations of nursing practice course and focuses on providing care of the adult and gerontological clients. Clinical experiences enhance the development of therapeutic communication, critical thinking, clinical competency and integration of caring, culturally-sensitive behaviors in providing care. The impact of the economics and delivery of health care are examined from a global perspective.
Lecture Hours: 4 hours. Lab Hours: 6 hours. Prerequisite: ENGL 1101, ENGL 1102, MATH elective (MATH 1101, or MATH 1111, or MATH 1112, or MATH 1113, or MATH 1113H, or MATH 1251), BIOL 2251K, BIOL 2252K, NURS 1000 & NURS 1000L . Corequisite: NURS 1500L.

NURS 1500L - Adult and Gerontological Nursing Practice I Lab (0 credits)
NURS 1500 Lab course.
Lab Hours: 6 hours. Corequisite: NURS 1500.

NURS 1510 - Behavioral Health Nursing across the Lifespan (2-3-3) (3 credits)
This course builds upon the integration of concepts and skills from the foundations of nursing practice course and focuses on providing care to individuals and families experiencing behavioral health dysfunction. The course focuses on applying nursing knowledge to the promotion, maintenance and restoration of mental health in individuals and families. Clinical experiences focus on development of the nurse - client relationship, therapeutic communication, caring, culturally sensitive care, and practice within legal and ethical standards.

Lecture Hours: 2 hours. Lab Hours: 3 hours. Prerequisite: ENGL 1101, ENGL 1102, Math Elective (MATH 1101, or MATH 1111, or MATH 1112, or MATH 1113, or MATH 1113H, or MATH 1251), BIOL 2251K, BIOL 2252K, NURS 1000 & NURS 1000L . Corequisite: NURS 1510L.

NURS 1510L - Behavioral Health Nursing across the Lifespan Lab (0 credits)
NURS 1510 Lab course.

Lab Hours: 2 hours. Corequisite: NURS 1510.

NURS 2000 - Adult & Gerontological Nursing Practice II (4-6-6) (6 credits)
This course continues with integration of concepts of nursing practice and skills from previous courses. Clinical experiences are expanded focusing on the impact of global perspectives clinical competency and clinical reasoning when prioritizing and managing care for groups of clients exhibiting complex or less common health problems in the aging population.

Lecture Hours: 4 hours. Lab Hours: 6 hours. Prerequisite: ENGL 1101, ENGL 1102, Math Elective (MATH 1101, or MATH 1111, or MATH 1112, or MATH 1113, or MATH 1113H, or MATH 1251) , BIOL 2251K, BIOL 2252K, BIOL 2260K, HIST 2111 or HIST 2112, POLS 1101, PSYC 2103, ENGL 2111 or ENGL 2112, NURS 1000, NURS 1000L, NURS 1500, NURS 1500L, & NURS 1510 . Corequisite: NURS 2000L.

NURS 2000L - Adult and Gerontological Nurse Practice II Lab (0 credits)
NURS 2000 Lab Course.

Lecture Hours: 0 hours. Lab Hours: 6 hours. Corequisite: NURS 2000.

NURS 2010 - Maternal, Newborn & Child Nursing Practice (3-3-4) (4 credits)
This course focuses on applying nursing knowledge to the promotion, maintenance and restoration of health in child-bearing women, children and their families. The course integrates the concepts of previous courses and expands the student`s ability to provide culturally sensitive, family-centered care; enhancing the ability of the client and family to adapt to physiological and psychosocial changes associated with these stages of life.

Lecture Hours: 3 hours. Lab Hours: 3 hours. Prerequisite: ENGL 1101, ENGL 1102, MATH Elective (MATH 1101, or MATH 1111, or MATH 1112, or MATH 1113, or MATH 1113H, or MATH 1251), BIOL 2251K, BIOL 2252K, BIOL 2260K, HIST 2111 or HIST 2112, POLS 1101, PSYC 2103, ENGL 2111 or ENGL 2112, NURS 1000, NURS 1000L, NURS 1500, NURS 1500L, & NURS 1510 . Corequisite: NURS 2010L.

NURS 2010L - Maternal, Newborn & Child Nursing Lab (0 credits)
Maternal, newborn and child nursing Lab course.

Lab Hours: 3 hours. Corequisite: NURS 2010.

NURS 2500 - Adult and Gerontological Nursing Practice III (3-15-8) (8 credits)
This course focuses on the synthesis of concepts of nursing practice, principles, and roles undergirding professional nursing practice including the impact of health promotion, prevention and wellness and global issues in caring for adult and gerontological clients. Accumulated learning experiences throughout the program are synthesized into an adult practicum experience with assigned nurse preceptors to enhance student`s role transition for entry into practice. Course and clinical activities provide an opportunity to enhance clinical reasoning when prioritizing, delegating, and collaborating with members of the multidisciplinary team to ensure high quality and cost effective care.

Lecture Hours: 3 hours. Lab Hours: 15 hours. Prerequisite: ENGL 1101, ENGL 1102, MATH Elective (MATH 1101, or MATH 1111, or MATH 1112, or MATH 1113, or MATH 1113H, or MATH 1251), BIOL 2251K, BIOL 2252K, BIOL 2260K, HIST 2111 or HIST 2112, POLS 1101, PSYC 2103, NURS 1000, NURS 1000L, NURS 1500, NURS 1500L, NURS 1510, NURS 2000, NURS 2000L, NURS 2010 . Corequisite: NURS 2500L.

NURS 2500L - Adult and Gerontological Nursing Practice Lab (0 credits)
Lab for NURS 2500.

Lecture Hours: 0 hours. Lab Hours: 15 hours. Corequisite: NURS 2500.

NURS 3001 - Fundamentals of Nursing (4-9-7) (7 credits)
This course introduces students to concepts and principles for the practice of baccalaureate degree nursing. The application of critical thinking, the nursing process, legal and ethical considerations for nursing practice, professional standards and communication skills for the purpose of health promotion and restoration are emphasized. Psychomotor skills are introduced and practiced in a campus lab setting, and then with clients in the health care setting. The ability to integrate caring behaviors in the performance of nursing care is an important component to providing basic nursing care in a safe and effective manner.
Lecture Hours: 4. Lab Hours: 9. Prerequisite: PL-BSN Admission to the Pre-Licensure BSN Program. Corequisite: NURS 3001L.

NURS 3197 - Professional Nursing Practice (3-0-3) (3 credits)
This course is designed to enhance and facilitate the development of the RN student to the role of a BSN prepared professional nurse. The focus is on developing personal and professional growth to promote better advocacy, critical thinking, educator skills, effective communication, and leadership abilities in a complex healthcare environment. Course content includes concepts from historical contributions and theories that have guided the profession, to promoting professional philosophies, visions, and practices to help prepare for future trends in healthcare. Topics relate to culture and diversity, professional ethics, political and legal issues in nursing, and technology. Students will apply knowledge of standards of practice, evidence-based practice, and caring science to course topics.

Lecture Hours: 3. Prerequisite: Acceptance into the RN-BSN Completion Program..

NURS 3297 - Nursing Research Application (3 credits)
This course is designed to provide the registered nurse with an overview of the major research concepts as applied to the profession of nursing, to scholarship, and to clinical practice. Analysis, critique, and interpretation of qualitative and quantitative research approaches, including ethical implications, for evidence-based nursing practice will be examined. Emphasis is placed on how to critique, analyze, and apply published and empirical research findings to evidence-based nursing practice.
Lecture Hours: 3. Prerequisite: Acceptance into the RN-BSN Completion Program..

NURS 3397 - Health Assessment (3-0-3) (3 credits)
This course is a study of the advanced knowledge and skills beyond the Associates' degree in Nursing, designed to enhance health assessment for nursing practice in the care of individuals across the lifespan. Theory and skills essential to completing a comprehensive and holistic health history and physical examination are emphasized. In addition, the holistic delivery of care will include cultural, spiritual, nutritional, alternative, complementary therapies, and health promotion for the delivery of safe and person-centered care. The importance of comprehensive and accurate documentation as a tool for effective communication amongst the interdisciplinary team is reviewed.
Lecture Hours: 3. Prerequisite: Acceptance into the RN-BSN Completion Program..

NURS 3001L - Fundamentals of Nursing Laboratory (7 hours)
Lab course for NURS 3001.
Lecture Hours: 4. Lab Hours: 9. Prerequisite: PL-BSN Admission to the Pre-Licensure BSN Program. Corequisite: NURS 3001.

NURS 3100 - Transition to Baccalaureate Nursing Practice (5-0-5) (5 credits)
The focus of this course is to provide nurses with the skills and knowledge necessary for effective transitional practice in the various roles of a baccalaureate nurse. Specifically, students will explore the role of the nurse as leader and manager, the role of the nurse as educator to patients and caregivers, and the role of the nurse as a political activist on the local, state, and national levels. Students study the conceptual foundations of professional nursing, including analysis of the historical contributions of nursing to health care, the art and science of caring practices, nursing theories, and legal and ethical implications of practice. Processes that guide nursing practice such as effective communication, group change, the use of technology and informatics, health care economics, and cultural and spiritual dimensions of nursing are explored. Current trends in nursing care including the nursing shortage, continuing professional development and future visions for nursing are discussed, as is the impact of LEAN/Six Sigma on the nurse's role as leader and manager in daily practice.
Lecture Hours: 5 hours. Prerequisite: Admission to the RN-BSN Program. Corequisite: Admission to the RN-BSN Program.

NURS 3110 - Patho-Pharmacology (4 credits)
This course builds on the arts and science knowledge already obtained to provide an understanding of pharmacological agents and the pathophysiological processes involved in common diseases. The approach is organized by body systems. This course is designed to introduce the student to the basic principles of pharmacotherapeutics, pharmacodynamics and pharmacokinetics to equip the nursing student to safely administer drugs, assess drug therapy and educate clients in all clinical settings. An understanding of normal physiology concepts is essential for successful completion of the course. The pharmacological needs of individuals and the drug's impact on the pathophysiology of an individual are included along with the interactions of medications that can have a beneficial or hazardous effect on the health of an individual.
Lecture Hours: 4. Prerequisite: PL-BSN: Admission to the Pre-Licensure BSN Program.

NURS 3111 - Concepts of Mental Health Nursing Care (3-6-5) (5 credits)
This course focuses on application of mental health nursing concepts, therapeutic interactions, and mental health assessment and management of care. Emphasis is on therapeutic communication, judgment, and the use of the nursing process in the care of patients experiencing biopsychosocial stressors in acute care and in selected community settings.

Lecture Hours: 3 hours. Prerequisite: At least a C in NURS 3010 . Corequisite: NURS 3111L.

NURS 3111L - Concepts of Mental Health Nursing Lab (0 credits)
Lab for NURS 3111.

Lab Hours: 6 hours. Corequisite: NURS 3115L, NURS 3111, NURS 3115 .

NURS 3115 - Concepts of Adult and Gerontological Nursing Care I (4-9-7) (7 credits)
This course builds on the knowledge obtained in the math, sciences, and humanities as well as the basic principles of nursing obtained in previous nursing courses. It includes knowledge of specific health diagnoses, pharmacology, diagnostic tests, health assessment, interventions, and methods of managing the care of adult and gerontological adults and their families. This course focuses on chronic health care needs including care of clients with acute exacerbations of these illnesses.

Lecture Hours: 4 hours. Prerequisite: At least a C in NURS 3010 . Corequisite: NURS 3115L.

NURS 3115L - Concepts of Adult and Gerontological Nursing Care I Lab (0 credits)
Lab for NURS 3115.

Lab Hours: 9 hours. Corequisite: NURS 3111, NURS 3111L, NURS 3115.

NURS 3200 - Physical Assessment (3-3-4) (4 credits)
This course focuses on health history and physical examination skills, as well as health promotion, restoration, and maintenance activities related to caring for the adult client. Emphasis is on the cognitive, affective and psychomotor skills necessary to perform a complete head-to-toe physical examination. It also includes clinical variations, developmental tasks, and health promotion, restoration, and maintenance activities related to the infant, child, and older adult, as well as significant cultural variations. Application of clinical assessment and clinical judgment is assessed in the laboratory setting.

Lecture Hours: 3 hours. Lab Hours: 3 hours. Prerequisite: For RN-BSN Students: At least a C in all of the following: BIOL 2251K, BIOL 2252K, and BIOL 2260K. For Pre-Licensure BSN Students: Admission to the Pre-Licensure BSN Program. . Corequisite: For RN-BSN Students: NURS 3200L For Pre-Licensure BSN Students: NURS 3200L.

NURS 3200L - Physical Assessment LAB (0 credits)
Lab for NURS 3200.

Lab Hours: 3 hours. Corequisite: NURS 3200.

NURS 3210 - Physical Assessment, Health Examination, & Documentation Practices for the Professional Nurse (4-3-5) (5 credits)
This course focuses on health history and physical examination skills, while facilitating an opportunity for students to increase their clinical competence in health assessment of the adult client. Emphasis is on the cognitive, affective and psychomotor skills necessary to perform a complete head-to-toe physical examination. It also includes clinical variations developmental tasks, and health promotion, restoration, and maintenance activities related to the infant, child, and older adult, as well significant cultural variations. The importance of comprehensive and accurate documentation of physical assessment findings is discussed and reviewed, as are strategies to avoid legal issues when documenting assessment findings, and utilizing documentation as a tool for effective communication amongst the interdisciplinary team.

Lecture Hours: 4 hours. Lab Hours: 3 hours. Prerequisite: Admission to the RN-BSN Program . Corequisite: NURS 3210L.

NURS 3210L - Physical Assessment Lab (0 credits)
Lab for NURS 3210.

Lecture Hours: 0 hours. Lab Hours: 3 hours. Corequisite: NURS 3210.

NURS 3330 - Nursing Research Methods (3-0-3) (3 credits)
This course provides an introduction to research principles and methods involved in planning, designing, analyzing, interpreting, and communicating research. Emphasis is placed on those areas of research designs and outcomes that will enable students to evaluate research and recommend changes to nursing practice.
Lecture Hours: 3 hours. Prerequisite: MATH 1401, acceptance to the RN-BSN or BSN Nursing Programs.

NURS 3440 - Introduction to Nursing Research (3-0-3) (3 credits)
This course provides an introduction to research principles and methods involved in planning, designing, analyzing, interpreting, and communicating research. Emphasis is placed on those areas of research design and outcomes that will enable students to evaluate research evidence and recommend changes to nursing practice.

Lecture Hours: 0 hours. Lab Hours: 3 hours. Prerequisite: Admission to the RN-BSN Program.

NURS 3600 - Independent Study (1 - 3 credits)
This course is individually designed under the direction of faculty to allow students opportunities to explore a specific area of interest. This course may be repeated.

NURS 4000 - Concepts of Community Health and Transcultural Nursing Care (3-6-5) (5 credits)
This course explores the role of the nurse in providing health care to clients in a variety of culturally diverse communities. Students will learn methods for assessing community health needs, techniques used to restore and maintain the health care of diverse populations, and strategies for promoting wellness. Cultural and ethnic factors impacting health care beliefs and practices will be explored. Students will be challenged to use introspection and conscious examination of their own belief and value systems to increase their sensitivity, respect, and caring for others. Clinical experiences will expose students to a variety of community health environments providing opportunities to practice health promotion behaviors in the delivery of health care to diverse populations.
Lecture Hours: 3 hours. Lab Hours: 6 hours. Prerequisite: PL-BSN Students: At least a C in NURS 3115 & NURS 3115L . Corequisite: NURS 4000L.

NURS 4000L - Concepts of Community Health and Transcultural Nursing Care LAB (0 credits)
Lab for NURS 4000.

Lab Hours: 6 hours. Corequisite: NURS 4000.

NURS 4100 - Nursing Care of Special Client Populations (8 credits)
An asynchronous online course that explores the role of the nurse in providing health care to clients in a variety of culturally diverse communities. Students will learn methods for assessing community health needs, techniques used to restore and maintain the health of diverse populations and strategies for promoting wellness in clients across the lifespan. Cultural and ethnic factors impacting health care beliefs and practices will be explored. Students will be challenged to use introspection and conscious examination of their own belief and values systems to increase their sensitivity, respect, and caring for others. Clinical component to this course: Clinical experiences will expose students to a variety of community health environments providing opportunities to practice health promotion behaviors in the delivery of health care to diverse populations.

Lecture Hours: 6 hours. Lab Hours: 6 hours. Prerequisite: Admission to RN-BSN program . Corequisite: NURS 4100L.

NURS 4100L - Nursing Care of Special Clients Populations Lab (0 credits)
Lab for NURS 4100.

Lab Hours: 6 hours. Corequisite: NURS 4100.

NURS 4116 - Concepts of Women's and Infant Health Care (3-3-4) (4 credits)
This course focuses on the application of maternal-child and women's health concepts and management of care. Emphasis is on teaching/learning, judgement, and the use of the nursing process in antepartum, intrapartum, postpartum, newborn, and women's health care. Selected issues related to genetics, reproduction, and women's health issues are included.

Lecture Hours: 3 hours. Lab Hours: 3 hours. Prerequisite: At least a C in NURS 3115. Corequisite: NURS 4116L.

NURS 4116L - Concepts of Women's and Infant Health Care Lab (0 credits)
Lab for NURS 4116.

Lecture Hours: 0 hours. Lab Hours: 3 hours. Corequisite: NURS 4116.

NURS 4200 - Concepts of the Nurse as Leader/Manager (3-0-3) (3 credits)
This course focuses on the study of the symbiotic roles of leadership and management for the professional nurse in various healthcare settings, including examination of related theories. It includes exploration of major management functions, as well as essential components of leadership, with an emphasis on problem solving and critical thinking, in the currently challenging and changing healthcare environment.

Lecture Hours: 3 hours. Prerequisite: For RN-BSN students: Admission to the RN-BSN program. For Pre-Licensure students: At least a C in NURS 3115.

NURS 4210 - Concepts of Adult and Gerontological Nursing Care II (4-6-6) (6 credits)
This course builds on the knowledge obtained in previous nursing courses. It focuses on responses to complex, multi-system health care needs and includes knowledge of specific health diagnoses, pharmacology, diagnostic tests, health assessment, interventions, and methods of managing the acute and rehabilitation needs of adult and gerontological clients and families.

Lecture Hours: 4 hours. Prerequisite: At least a C in NURS 3115 . Corequisite: NURS 4210L.

NURS 4210L - Concepts of Adult and Gerontological Nursing Care II Lab (0 credits)
Lab for NURS 4210.

Lab Hours: 6 hours. Corequisite: NURS 3116, NURS 4210, NURS 3116L, NURS 4000L, NURS 4000, NURS 4210.

NURS 4211 - Concepts of Nursing Care of Children (3-3-4) (4 credits)
This course focuses on the application of child health concepts in acute care and selected community sites and management of care. Emphasis is on teaching/learning, communication, judgment, and the use of the nursing process when caring for children, adolescents, and families. Selected issues related to genetics, growth and development, and health assessment of children and adolescents are included.
Lecture Hours: 3 hours. Prerequisite: At least a C in NURS 4210; NURS 4200 (prereq or co-req). Corequisite: NURS 4211L; NURS 4200 (prereq or co-req).

NURS 4211L - Concepts of Nursing Care of Children Lab (0 credits)
Lab for NURS 4211.

Lab Hours: 3 hours. Corequisite: NURS 4315, NURS 4315L, NURS 4211.

NURS 4300 - Evidence- Based Practice: The Application of Nursing Research into Practice (5-12-9) (7 credits)
This program capstone course focuses on the application of knowledge from past and current learning experiences and promotes principles of life-long learning and contribution to nursing research and evidence-based professional practice via exploration of a previously formulated nursing research question. The course encourages critical-thinking, emphasizes the importance of interdisciplinary communication, and facilitates the clinical application of the nurse in the role of both consumer and producer of research, as well as provider of care within the community. Collaboration with other health care providers to improve evidence-based outcomes of individuals, families, and communities in a diverse society is emphasized, as are the integration of LEAN/Six Sigma principles into the application of evidence-based practice and process.
Lecture Hours: 3 hours. Lab Hours: 12 hours. Prerequisite: At least a C in NURS 3440 . Corequisite: NURS 4300L.

NURS 4300L - Practicum in Professional Nursing LAB (0 credits)
Lab for NURS 4300.

Lab Hours: 12 hours. Corequisite: NURS 4300.

NURS 4315 - Senior Nursing Practicum (3-15-8) (8 credits)
This course synthesizes knowledge from the arts and sciences as well as from previous nursing courses. It facilitates transition into the nurse generalist role by providing opportunities for students to apply more in-depth knowledge of nursing practice and leadership/management skills. Use of caring behaviors for the application of critical thinking, communication, collaboration, and safe nursing care practice for individuals, families, and communities is implemented by students in secondary settings with one-on-one preceptorship by a clinical nurse and supervised by a full-time nursing faculty member.
Lecture Hours: 3 hours. Prerequisite: At least a C in NURS 4210. Corequisite: NURS 4315L.

NURS 4315L - Senior Nursing Practicum Lab (0 credits)
Lab for NURS 4315.

Lab Hours: 15 hours. Corequisite: NURS 4315, NURS 4211, NURS 4211L.

NURS 4497 - Community Health Nursing (3 credits)
This course is designed to examine the concepts and principles of community and population health nursing. The course will provide an overview of health issues that transcend borders, class, race, ethnicity, and culture. Emphasis is placed on roles, levels of prevention, principles of epidemiology, public health policy, and disaster preparedness.
Lecture Hours: 3. Prerequisite: Acceptance into the RN-BSN Completion Program..

NURS 4597 - Leadership & Management (3 credits)
This course introduces the leadership roles and management functions of professional registered nurses within the structure of an organization. The management process provides the foundational structure for the course, while the theoretical framework for this course is established through exploration of leadership styles, organizational theory, and management theory. Quality assurance and the provision of evidence-based, patient-centered care and collaborative relationships are emphasized. The impact of political and legislative processes, the integration of informatics, and the legal and ethical issues in management are also discussed.
Lecture Hours: 3. Prerequisite: Acceptance into the RN-BSN Completion Program..

NURS 4900 - Special Topics (1 - 3 credits)
Courses are designed to focus on topics that are not otherwise offered, but there is a current need. Groups of students will explore a specific area of interest under the direction of a faculty member. Examples: Holistic Health Care, Health Care Ethics, Genetics, Critical Health Care and Chronic Health Care. This course may be repeated.

OCTA - Occupational Therapy Assistant

OCTA 1211 - Analysis of Human Movement (2 credits)
Analysis of human movement focusing on the major joint and muscle movements in daily living tasks and occupations. Skills development in assessments appropriate for the OTA including functional muscle testing, goniometry, and standardized assessments of coordination.

Lecture Hours: 1 hours. Lab Hours: 3 hours. Prerequisite: BIOL 2251K.

OCTA 1300 - Introduction to OTA (3 credits)
Introduction to the history, philosophy, ethics, definition and organizations of occupational therapy. General overview and specific role delineation of the occupational therapy assistant and the occupational therapist in a variety of health care settings. Emphasis on the relationship between multiculturalism and concepts of health and illness. Emphasis on tolerance for cultural and life-style differences.

Lecture Hours: 2 hours. Lab Hours: 3 hours.

OCTA 1410 - Therapeutic Media (4 credits)
Skills development in culturally appropriate therapeutic media including needle craft, sewing, paper and fiber art, ceramics, leather craft, and woodworking. Introduction to the occupational therapy practice framework's domains and processes. Emphasis on activity analysis and the use of purposeful activity to foster occupational performance in work, self care and leisure.

Lecture Hours: 1 hours. Lab Hours: 9 hours. Prerequisite: OCTA 1300..

OCTA 1421 - Psychosocial Practice for the OTA (4 credits)
Study of the role of the OTA in prevention evaluation treatment documentation and discharge planning for individuals with psychosocial dysfunction. Introduction to psychiatric conditions commonly encountered by OTAs in practice. Skills development in therapeutic communication data collection assessment and treatment techniques appropriate for the OTA. Collaboration with the healthcare team in program planning and implementation is emphasized in Level I fieldwork experiences.

Lecture Hours: 2 hours. Lab Hours: 7 hours. Prerequisite: OCTA 1300. Corequisite: PSYC 1101.

OCTA 1422 - Physical Practice for the OTA (6 credits)
Study of the role of the OTA in Prevention evaluation treatment documentation and discharge planning for individuals with physical dysfunction. Introduction to medical conditions and medical terminology commonly encountered by OTAs in practice. Skills development in specific treatment techniques and the grading and adapting of purposeful activities to promote functioning in occupations and their underlying components. Emphasis on occupations based practice and the promotion of health and wellness. Laboratory and Level I fieldwork reinforces the development of these skills.

Lecture Hours: 3 hours. Lab Hours: 9 hours. Prerequisite: OCTA 1300, OCTA 1211, BIOL 2251K.

OCTA 2110 - Adaptive Techniques for OTA (2 credits)
Emphasis on therapeutic adaptation based on the clients needs occupations and sociocultural contexts. Includes skills development in basic splinting and fabrication adaptive equipment to improve positioning and to promote occupational performance through environmental adaptation. Exploration of technological advances and specialized areas of treatment.

Lecture Hours: 1 hours. Lab Hours: 3 hours. Prerequisite: Completion of all required OCTA general education core.

OCTA 2224 - Innovative Practice for the OTA (2 credits)
Study of the role of the OTA in innovative areas of practice such as community based services, wellness, and health promotion, adult daycare, and assisted living. Emphasis is on the promotion of occupational therapy. Promotional Information and OT activities for innovative settings are generated by students through research and fieldwork in their area of interest.

Lecture Hours: 0 hours. Lab Hours: 5 hours. Prerequisite: Completion of all required OCTA general education core.

OCTA 2230 - OTA Seminar (3 credits)
Analysis of ethical, professional, and social issues affecting OTA practice. Emphasis on preparation for national and state credentialing requirements, promotion of life long learning, and the professional rules and responsibilities of the OTA. Study of the role of health professionals in changing healthcare systems, administration, management, and research. Emphasis on program evaluation, reimbursement mechanism, healthcare legislation, federal and state regulations, and the responsibility for professional and consumer advocacy.

Lecture Hours: 2 hours. Lab Hours: 3 hours. Prerequisite: Completion of all required OCTA general education core.

OCTA 2323 - Pediatric Practice for the OTA (5 credits)
Study of the role of the OTA in prevention, evaluation, intervention, documentation and discharge planning for individuals with developmental dysfunction. Review of developmental milestones and tasks. Introduction to assessments appropriate for administration by the OTA. Emphasis on the family and caregiver role in intervention. Laboratory and Level I fieldwork experiences reinforce development of intervention techniques and skills that focus on age and developmentally and culturally appropriate adaptations for the performance of occupation throughout the life span.

Lecture Hours: 2 hours. Lab Hours: 9 hours. Prerequisite: Completion of all required OCTA general education core.

OCTA 2541 - Level II Fieldwork (6 credits)
Advanced clinical experience under the supervision of a licensed occupational therapist or certified occupational therapy assistant. All Level II fieldwork must be completed within 12 months of completion of OCTA coursework. Minimum of one 8-week session at 40 hrs/week.

Lab Hours: 20 hours. Prerequisite: Successful completion of all OCTA coursework and all required OCTA general education core..

OCTA 2542 - Level II Fieldwork (6 credits)
Advanced clinical experience under the supervision of a licensed occupational therapist or certified occupational therapy assistant. All Level II fieldwork must be completed within 12 months of completion of OCTA coursework. Minimum of one 8 week, full-time session.

Lab Hours: 20 hours. Prerequisite: Successful completion of all OCTA coursework and all required OCTA general education core.

PBSV - Public Service

PBSV 3001 - Social Context of Public Service Agencies (3 credits)
This course is designed to provide students with a comprehensive overview of the theories, practices, and trends current in the helping professions. This will be accomplished through an examination of the specific tasks and purposes evinced by selected social agencies. Each agency`s unique function and philosophy will be examined, along with how it fits into the public service network. The course will include some combination of classroom lectures, discussions, field visits, presentations by representatives from the helping professions, and/or other appropriate instructional techniques.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101, SOCI 1101, PSYC 2103, and MATH 1401.

PBSV 3005 - Culturally Competent and Responsive Practice in Public Service (3 credits)
This course prepares students to engage in culturally competent public and human service practice. Students will develop knowledge, self-awareness, and skills for culturally competent and responsive practice with a range of diverse and historically disadvantaged or marginalized populations, including African/Black Americans, Asian-Americans, Native Americans, Latino/a Americans, older adults, persons with disabilities, women, gay, lesbian, and transgender populations.
Lecture Hours: 3 hours. Prerequisite: POLS 1101 and PSYC 1101 and SOCI 1101.

PBSV 3010 - Public Service Management (3 credits)
This is a study of the basic principles of public administration, both in government and in the private, non-profit sector. It includes an examination of ethics in public service.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PBSV 3011 - Social Welfare Policy Practice in Public Service (3 credits)
This course will provide students with practical skills needed to examine current patterns of the provision of social welfare within public service administration and explore social welfare policy practices, including policy analysis and policy change. Topics include social justice and civil rights, poverty, children and families, and health care policy.
Lecture Hours: 3 hours. Prerequisite: PSYC 1101 and SOCI 1101 and PSYC 2103 and MATH 1401.

PBSV 3015 - Practice and Case Management in Public Service (3 credits)
This course prepares students to engage in generalist level practice and case management. Students will learn practice skills for public service/human service professionals including ethics, use of self, boundaries, communication, goal setting, case staffing and management. Special emphasis will be given to ethical and culturally responsive case management.
Lecture Hours: 3 hours. Prerequisite: PBSV 3005 and POLS 1101 and PSYC 1101 and PSYC 3330 and SOCI 1101.

PBSV 3020 - Research Methods (3 credits)
This course will explore the role of theory in selecting research designs, sampling techniques, measurement, data collection, and basic data analysis in social research. Pragmatic skills in understanding and evaluating empirical reports is emphasized. Ethical issues of human subject research will be explored. Primary source materials will be analyzed by students.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PBSV 3030 - Group Practice in Public Service (3 credits)
This course provides students with knowledge, values, and skills for generalist group practice in the context of public service. Students will apply knowledge and skills in the application of effective interventions with groups. Topics include group dynamics, diversity, and the stages of group development.
Lecture Hours: 3 hours. Prerequisite: PSYC 1101 and PSYC 2103 and SOCI 1101 and MATH 1401.

PBSV 3040 - Conflict Resolution and Negotiation (3 credits)
Conflict is universal. This course will address such topics as sources of conflicts, barriers to effective communication, theories of conflict resolution, negotiation theory, cultural contexts in conflict resolution, and mediation processes. Students will also practice listening and communication skills as well as mediation skills.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PBSV 3050 - Crisis Management (3 credits)
This course is an overview of crisis management in public service. It is designed to equip the public service/human service student with the basic tools necessary to apply crisis management skills within the discipline. Students will learn the basic concepts and structure of crisis management including crisis assessment, prevention, and intervention through instruction and activities.
Lecture Hours: 3 hours. Prerequisite: SOCW 2215 and PSYC 3330 and PBSV 3015.

PBSV 4000 - Children in Crisis (3 credits)
The purpose of this course is to investigate the impact of stressors on the lives of preschoolers, children and adolescents. Students will learn to assess familial and societal factors that contribute to and ameliorate risk from a General Family System theoretical perspective. Developmental crises, situational crises and crises of loss will be addressed. Current strategies of prevention and intervention will be explored.

Lecture Hours: 3 hours. Prerequisite: Completion of PSYC 1101 and PSYC 2103 with a grade of C or better.

PBSV 4010 - Community and Organizational Practice in Public Service (3 credits)
This course is an introduction to knowledge, skills, and values that underlie contemporary practice in public service/human service with various types of families, groups, agencies, and their dynamics. These dynamics involve concepts including assessment, case management, and communication.
Lecture Hours: 3 hours. Prerequisite: SOCW 2215 and PBSV 3010 and PBSV 3020.

PBSV 4030 - Program Funding and Evaluation (3 credits)
This is a review of program funding and program evaluation as they apply to public service agencies. Topics will include the location and requirements of various funding sources; fundamentals of grantsmanship; the need for program evaluation; a review of appropriate designs, methods, and processes for evaluating program effectiveness; and the proper use of evaluation results to effect change.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PBSV 4950 - Senior Project (3 credits)
This is a capstone course in which students will undertake a project that is complementary to their research interests and career goals. Students will pursue scholarly endeavors. Students must demonstrate proficiency in relevant software and technology, produce a final written report including documentation of sources in APA format, and make a formal presentation of findings.

Lecture Hours: 3 hours. Corequisite: Completion of AT LEAST 18 hours of Public Service and Human services core requirements with at least a C.

PBSV 4996 - Internship in Public Service (3 credits)
This is a supervised internship experience in a vocationally appropriate setting. Students spend a minimum of fifteen hours per week under supervised conditions in an approved agency or service organization germane to student interest. The course also includes assignments, log keeping, and weekly classroom meetings. Professional liability insurance is required, and appropriate insurance fees apply. In-service students cannot use their agencies/organizations of employment to satisfy the internship experience.

Lab Hours: 6 hours. Prerequisite: Completion of AT LEAST 18 hours of Public Service and Human Services core requirements with at least a C.

PFWR - Professional Writing

PFWR 3160 - Introduction to Professional Writing (3 credits)
This introductory professional writing course hones students' writing skills and covers audience analysis and rhetorical techniques, writing in collaboration, digital communication platforms, common ethical concerns in professional writing, and the basic broad genres of technical writing and business writing.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102.

PFWR 3170 - Practical Workplace Writing (3 credits)
This course covers nuts and bolts fundamentals of workplace writing, including visual rhetoric and document design, writing for print, digital, and social media, and development of standard business documents such as memos and other routine workplace correspondence, proposals, and reports.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102.

PFWR 3180 - Inquiry, Information & Research Methods (3 credits)
This course provides an intensive introduction to workplace research skills with an emphasis on organizational communication, collaboration, and project development. Topics include discovery, evaluation, and documentation of information gained from common workplace research methods, extending from personal interviews and market research to library, internet, and social media research.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102.

PFWR 4050 - Legal Writing (3 Credits)
This course provides a study of the writing practices and research methods used in the legal profession. It teaches students how to accommodate the many different audiences that lawyers may have to write for throughout their careers with an emphasis on assignments that a law student and a junior associate may have to tackle.
Lecture Hours: 3 Hours. Prerequisite: At least a C in ENGL 3010.

PFWR 4650 - Advanced Editing and Style (3 credits)
This course develops mastery of effective writing at the paragraph and sentence levels, providing students with essential skills in editing their own writing and the writing of others for optimal clarity, efficiency, and rhetorical appeal in a variety of workplace contexts.

Lecture Hours: 3 hours. Prerequisite: At least a C in ENGL 1102.

PFWR 4660 - Advanced Professional Writing (3 credits)
This course builds upon the foundation in professional writing established in ENGL 3160. Students develop and refine effective rhetorical techniques in a wide diversity of genres and rhetorical situations, including substantial formal reports and proposals, grant writing, technical documentation, and in an array of web-based and other digital genres. The course also engages students in advanced project management and organizational communication strategies.

Lecture Hours: 3 hours. Prerequisite: PFWR 3160 or permission of instructor.

PHIL - Philosophy

PHIL 2010 - Introduction to Philosophy (3 credits)
Introduction to the central issues, questions, and theories of Western Philosophy. Topics covered include logic and critical thinking; religion; knowledge and skepticism; philosophy of mind; freedom and determinism; and ethics. Students are expected to engage in philosophical discussion based on primary and secondary texts.
Lecture Hours: 3 hours.

PHYS - Physics

PHYS 1011K - Physical Science I (4 credits)
This course is an introductory survey of the principles and concepts of the physical sciences. Topics include mechanics and dynamics, electricity and magnetism, thermal physics and the gas laws, waves and optics, and may include elements of atomic and nuclear physics. Knowledge of Algebra will be required.

Lecture Hours: 3 hours. Prerequisite: Grade of C or better in MATH 1001 or higher. Corequisite: PHYS 1011L.

PHYS 1011L - Physical Science I Lab (0 credits)
PHYS 1011 Lab.

Lab Hours: 2 hours. Corequisite: PHYS 1011K.

PHYS 1012K - Physical Science II (4 credits)
This course is an introductory survey of principles and concepts in the physical sciences. Topics will include chemistry, astronomy, meteorology, and geology.

Lecture Hours: 3 hours. Prerequisite: MATH 1001 or higher. Corequisite: PHYS 1012L.

PHYS 1012L - Physical Science II Lab (0 credits)
Physical Science II Lab course.

Lab Hours: 2 hours. Corequisite: PHYS 1012K.

PHYS 1111K - Introductory Physics I (4 credits)
This introductory course will include material from mechanics, waves and may include thermodynamics. Knowledge of Algebra and Trigonometry will be required.
Notes: Students cannot receive graduation credit for both PHYS 1111K and PHYS 2211K or for both PHYS 1112K and PHYS 2212K.

Lecture Hours: 3 hours. Prerequisite: MATH 1112 or MATH 1113 . Corequisite: PHYS 1111L.

PHYS 1111L - Introductory Physics I LAB (0 credits)
Lab for PHYS 1111K.

Lab Hours: 2 hours. Corequisite: PHYS 1111K.

PHYS 1112K - Introductory Physics II (4 credits)
This introductory course will include material from electromagnetism, optics, and may include modern physics.
Notes: Students cannot receive graduation credit for both PHYS 1111K and PHYS 2211K or for both PHYS 1112K and PHYS 2212K.

Lecture Hours: 3 hours. Prerequisite: Grade of C or better in PHYS 1111K . Corequisite: PHYS 1112L.

PHYS 1112L - Introductory Physics II LAB (0 credits)
Lab for PHYS 1112K.

Lab Hours: 2 hours. Corequisite: PHYS 1112K.

PHYS 2211K - Principles of Physics I (4 credits)
This introductory course will include material from mechanics, thermodynamics, and waves. Knowledge of elementary differential and integral calculus will be required.
Notes: Students cannot receive graduation credit for both PHYS 1111K and PHYS 2211k or for both PHYS 1112K and PHYS 2212K.

Lecture Hours: 3 hours. Prerequisite: Grade of C or better in MATH 1251 . Corequisite: PHYS 2211L.

PHYS 2211L - Principles of Physics I LAB (0 credits)
Lab for PHYS 2211K.

Lab Hours: 3 hours. Corequisite: PHYS 2211K.

PHYS 2212K - Principles of Physics II (4 credits)
This introductory course will include material from electromagnetism, optics, and may include modern physics. Notes: Students cannot receive graduation credit for both PHYS 1111K and PHYS 2211K or for both PHYS 1112K and PHYS 2212K.

Lecture Hours: 3 hours. Prerequisite: MATH 2252 and a grade of C or better in PHYS 2211K . Corequisite: PHYS 2212L.

PHYS 2212L - Principles of Physics II LAB (0 credits)
Lab for PHYS 2212K.

Lab Hours: 3 hours. Corequisite: PHYS 2212K.

PHYS 2999 - Special Topics in Physics (1 credits)
This is a special topics course in physics or applied physics (earth science, meteorology, astronomy, etc.). Students will conduct a supervised investigation of some relevant topic(s) involving a literature search and/or experimental work or observations. Students will provide a detailed report of results at the end of the course.

Lecture Hours: 1 hour. Corequisite: PHYS 2212K.

PLA - Prior Learning Assessment

PLA 2000 - Prior Learning Assessment (3 - 5 credits)
Techniques for the development of documentation for prior learning experiences based on standards and criteria established by academic and subject-matter professionals. Students prepare and submit documentation that provides a clear description of competencies obtained.
Prerequisite: Permission of the Instructor. Graded 'Satisfactory' or 'Unsatisfactory.'
Lecture Hours: 3 - 5 hours.

POLS - Political Science

POLS 1101 - American Government (3 credits)
This course is a study of the American political system which includes an examination of the U.S. and Georgia Constitutions. This course grants exemption from the U.S. and Georgia Constitutions examinations as required by the Georgia General Assembly.
Lecture Hours: 3 hours.

POLS 1101H - Honors American Government (3 credits)
This is an in-depth analysis of basic American constitutional principles, stressing the three major branches of the federal government and the Georgia government and the political forces affecting these branches. This course is open only to those students who have been admitted to the Honors Program. It meets state legislative requirements for United States and Georgia Constitutions.

Lecture Hours: 3. Prerequisite: Admission to the Honors Program.

POLS 2101 - Introduction to Political Science (3 credits)
This is the study of basic political science concepts and methods.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H.

POLS 2201 - State and Local Government (3 credits)
This is a study of American state and local government, with emphasis on contemporary problems in Georgia.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H.

POLS 2301 - Introduction to Comparative Politics (3 credits)
This is a comparative study of the political systems of selected countries and/ or world regions.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H.

POLS 2301H - Honors Introduction to Comparative Politics (3 credits)
This is an in-depth analysis and comparative study of the political systems of selected countries and/or world regions.

Lecture Hours: 3. Prerequisite: POLS 1101 or POLS 1101H and Admission to the Honors Program.

POLS 2401 - Global Issues (3 credits)
This is a survey of the principal historic forces molding the world today, with a focus on the nation-state and international organizations as responsive to these forces.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H.

POLS 2501 - Domestic Issues (3 credits)
This is a survey of current issues in American domestic politics with concentration on one or more of these issues each semester.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H.

POLS 2601 - Introduction to Public Administration (3 credits)
This is a survey of both traditional and behavioral theories of public administration and their application to American bureaucracies.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H.

POLS 3000 - Research Methods in Political Science (3 credits)
An introduction to contemporary research methods in political science and related disciplines. Includes an orientation to empirical versus normative approaches to the study of politics, ethical considerations in human subjects research, operationalization and measurement of key concepts, development of testable theories and hypotheses, and approaches to hypothesis testing with social scientific data. Basic research design and the organization of research papers in the empirical social sciences are also introduced.
Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor..

POLS 3030 - Introduction to Public Policy (3 credits)
This is a study of American policy-making, implementation, and evaluation. Stress will be placed on urban policies.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3045 - Public Opinion and Political Behavior (3 credits)
This course provides an overview of the study of public opinion and mass political behavior, with particular attention to the contemporary United States. Includes analysis of data from public opinion surveys.
Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3055 - Parties and Elections (3 credits)
This is a study of American political parties and elections, with emphasis on urban areas.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3060 - Policy Implementation Topics (3 credits)
This is an in-depth study of a specific problem or problems in the implementation of urban policy.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3070 - Urban Politics (3 credits)
This is a survey of political parties, interest groups, public opinion, and elections in American urban areas.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3075 - Interest Groups (3 credits)
The activities of lobbyist and interest groups in the United States as they relate to the initiation, formulation, enactment, and interest group administration of public policies.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3085 - Minority Politics (3 credits)
This is a study of the impact of race, ethnicity, and gender on the American political system, with emphasis given to African-Americans, Hispanics, and women. The course will examine culture, race, and gender differences with respect to political participation.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3103 - Politics of the Presidency (3 credits)
A historical and comparative analysis of the presidency and other chief executive offices. Includes the study of the presidency's functions, powers, and relations with other political institutions.
Lecture Hours: 3. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3104 - The American Congress (3 credits)
Politics, processes, and structures of the U.S. Congress. Includes the study of congressional elections and the behavior of individual members of Congress.
Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3105 - The American Judiciary (3 credits)
An orientation to the American legal system at both the federal and state levels, including the sources of American law, the structure and composition of federal and state court systems, the procedures associated with criminal and civil cases, and judicial decision-making.
Lecture Hours: 3. Prerequisite: POLS 1101 or POLS 1101H with a C or higher..

POLS 3106 - American Constitutional Law: Institutions and Processes (3 credits)
An overview of American constitutional law, with a focus on the Supreme Court's decisions on judicial review, presidential and legislative powers, federalism, interstate commerce, taxing and spending, the contract clause, substantive due process, and the takings clause.
Lecture Hours: 3. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor..

POLS 3107 - American Constitutional Law: Civil Rights and Liberties (3 credits)
An overview of American constitutional law, with a focus on the Supreme Court's decisions on religious liberties, freedom of expression, privacy and personal autonomy, the equal protection clause, voting rights, and the rights of those suspected or accused of crimes.
Lecture Hours: 3. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.. Cross-Listed as: Equivalent to CRJU 3520.

POLS 3115 - LGBTQ Politics (3)
This course is an overview of the historical and contemporary efforts of individuals from the gay, lesbian, bisexual, transgender, gender-nonconforming, and other related communities to secure equal rights in the United States and other countries. Topics include privacy rights; discrimination on the basis of sexual orientation and gender identity in education, public accommodation, and employment; rights for same-sex partnerships and marriage; legal recognition of gender identity; and political representation of the LGBTQ community.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a “C” in POLS 1101 or POLS 1101H, or permission of instructor..

POLS 3118 - Politics of the American South (3 credits)
An analysis of Southern politics that focuses on the region's unique political history, its transformation during the 20th and 21st centuries, and its importance to national politics.
Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3200 - Georgia Government and Politics (3 credits)
A thorough examination of historical and contemporary politics and government in Georgia. Topics include state's political development and constitutions; the structure and powers of the governor, legislature, judiciary, executive officers, and bureaucracy; the organization of county and municipal government, including ``home rule'' and city-county consolidation; voting rights and elections in Georgia; the role of linkage institutions in Georgia politics, such as the media, political parties, and organized interests; and budgeting and contemporary policy issues.
Lecture Hours: 3. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor..

POLS 3323 - African Politics (3 credits)
A theme-based course that explores topics and trends that dominate contemporary politics in Africa. The course will focus on a variety of countries on the African continent.
The aim of this course is to acquaint students with research done by social scientists on the issues of African democracy, poverty, violence and nation-building. The course will also explore the extent to which these issues and their consequences have impacted contemporary African politics, history, culture, and geography.
Lecture Hours: 3. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor..

POLS 3344 - Politics of the British Isles (3)
This course examines contemporary politics in the two sovereign states within the British Isles, the United Kingdom and Ireland, including the similarities and differences in how these two states are governed, as well as how the two states have met the challenges associated with the conflict in Northern Ireland and their relationships with the European Union and the international community.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3630 - Program Design and Evaluation (3)
This is a review of program design and program evaluation as they apply in the public and non-profit sectors. Topics will include the location and requirements of various funding sources; fundamentals of grantsmanship; the need for program evaluation; a review of appropriate designs, methods, and processes for evaluating program effectiveness; and the proper use of evaluation results to effect change.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a “C” in POLS 1101 or POLS 1101H, POLS 2601, and MATH 1401 or MATH 1401H, or permission of instructor.. Cross-Listed as: Equivalent to PBSV 4030..

POLS 3640 - Conflict Resolution and Negotiation (3)
Conflict is universal. This course will address such topics as sources of conflicts, barriers to effective communication, theories of conflict resolution, negotiation theory, cultural contexts in conflict resolution, and mediation processes. Students will also practice listening and communication skills as well as mediation skills.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a “C” in POLS 1101 or POLS 1101H, POLS 2601, and MATH 1401 or MATH 1401H, or permission of instructor.. Cross-Listed as: PBSV 3040.

POLS 3701 - International Relations (3 credits)
This course addresses key concepts necessary to understanding international politics-political systems, power, security, national interest, interdependence, conflict, cooperation, trust, foreign policy, conflict resolution, and economic interaction.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3720 - Women, Gender, and World Politics (3)
This course examines historical and contemporary politics through the lens of gender, including an examination of how political power, institutions, and actions are associated with traditional gender roles. Theories of gender in politics will also be used to understand gender equality in politics, society, and culture.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: At least a “C” in POLS 1101 or POLS 1101H, or permission of instructor..

POLS 3738 - U.S. Foreign Policy (3)
This course offers a general introduction to the history, theories, and sources of U.S. foreign policy. This course will cover the past and present characteristics of U.S. foreign policy in order to provide students with a better understanding of contemporary foreign policy realities.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: POLS 1101 or POLS 1101H with a C or better, or permission of instructor.

POLS 3772 - Global Security and the Environment (3 credits)
This course examines the impact of the environment and environmental change on global security and the international system, including pressures on agriculture, forestry, the natural world, and human migration resulting from climate change and natural disasters. International conflict and cooperation in the face of shared environmental challenges will also be examined.
Lecture Hours: 3. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor..

POLS 3944 - Environmental Politics and Policy (3 credits)
Through a consideration of historical and political factors, this course will examine the development of environmental policy. Utilizing a theoretical framework influenced by the natural and social sciences and the humanities, students will explore how political actors have defined and addressed domestic and international environmental policy issues.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 3999 - Special Topics in Political Science (3 credits)
This course is an intensive study of a significant topic in political science not otherwise covered in course offerings.

Lecture Hours: 3 hours. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, or permission of instructor.

POLS 4895 - Internship in Political Science (3 credits)
This is a supervised internship experience in a vocationally appropriate setting for students studying political science or public administration. Students spend a minimum of nine hours per week under supervised conditions in an approved agency or service organization that is appropriate to the student's interest. The minimum number of hours per week will be adjusted when this course is taken over less than a full 15-week semester.
The course also includes assignments and log keeping, as well as meetings with an academic supervisor. Students may not use preexisting employment for credit.
While this course may be taken more than once for credit, it will only count once toward the requirements of the political science major or minor; if taken again, this course will count as open elective credit only.
Lecture Hours: 0. Lab Hours: 9. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, and permission of instructor.

POLS 4896 - Georgia Legislative Internship (9 credits)
The Georgia Legislative Internship Program (GLIP) is a full-time, semester-long experience offered by the Georgia General Assembly in Atlanta to qualified junior and senior students at universities and colleges in Georgia. To receive academic credit, students must be admitted to the GLIP and fulfill the conditions of the internship, including regular reports to the faculty mentor at Middle Georgia State supervising the experience.
Political science majors participating in the GLIP will generally enroll in POLS 3200 (Georgia Government and Politics) and this course during the term they are working at the General Assembly.
Only 3 hours of credit for POLS 4895 or POLS 4896 can be applied to the political science major or minor. The remaining credit can be applied as open/free electives in the political science major.
Students should refer to the political science department website for more details on this program.
Lab Hours: 27. Prerequisite: POLS 1101 or POLS 1101H with a C or higher, along with acceptance to the Georgia Legislative Internship Program..

POLS 4898 - Research Practicum in Political Science (3 credits)
This is a supervised practical research experience involving the completion of an article-length research paper on a topic in political science or a closely related field that is suitable for presentation at an undergraduate-level academic conference, either independently or in collaboration with a faculty co-author. The paper should employ appropriate empirical methods for answering the student's research question, including data collection and analysis (if applicable), as well as demonstrating a grounding in the relevant literature on the subject matter. Students spend a minimum of nine hours per week conducting research under the supervision of a faculty member mutually agreed upon between the student, faculty member, and political science program coordinator. A formal presentation at an approved academic conference, or in another forum open to faculty and fellow students, is also required for credit.
Lecture Hours: 0. Lab Hours: 9. Prerequisite: POLS 3000 with a C or higher.

POLS 4900 - Capstone Seminar in Political Science (3 credits)
The capstone seminar is a reading and writing-intensive course on one or more topics in political science selected by the instructor, designed to integrate and assess students' knowledge from their studies to date. The course includes the administration of the ETS Major Field Test in Political Science.
Lecture Hours: 3 hours. Prerequisite: POLS 3045 with a C or higher and POLS 2101 with a C or higher, or permission of instructor.

PSYC - Psychology

PSYC 1001 - Perspectives on the Human Mind (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to the human mind. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of the human mind and to gain experience in developing and presenting original arguments in oral forms. This course introduces beginning students to knowledge about the mind as it is understood in the social sciences. Topics will include altered states of consciousness (drugs, sleep, awareness), learning and studying, emotions, language development, the abnormal mind, concepts of morality, and social interaction. Special emphasis will be placed on critical thinking and problem solving functions of the mind. The level of presentations is designed to be within reach of most students.
Lecture Hours: 4 hours.

PSYC 1101 - Introduction to Psychology (3 credits)
Overview of historical background, physiology, principles of learning, motives, emotions, frustrations, conflict, personality theory, psychotherapy, statistics, intelligence, psychopathology, and social psychology.
Lecture Hours: 3 hours.

PSYC 1101H - Honors Introduction to General Psychology (3 credits)
Behavior in humans and the other animals is studied from a scientific perspective. research findings and clinical reports are explored with regard to their applicability to modern thought and practice. Students are encouraged to analyze behavior critically according to common methods used in psychology. The course is enriched by field trips, classroom discussions, and projects that permit students to apply various psychological concepts to life experience. This course is open only to those students who have been admitted to the Honors Program.

Lecture Hours: 3. Prerequisite: Admission to the Honors Program.

PSYC 2101 - Introduction to the Psychology of Adjustment (3 credits)
Exploration of experiences which enhance students' self-understanding self-analysis communication and self-disclosure through readings discussions and multiple group and individual activities.
Lecture Hours: 3 hours.

PSYC 2103 - Introduction to Human Development (3 credits)
This course presents information which focuses on human development from conception to death with emphasis on biological, cognitive, emotional, social, and personality issues. Cross-cultural emphasis will be used to compare and contrast developmental changes.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H.

PSYC 3001 - Statistics for the Behavioral Sciences (3 credits)
This course provides an introduction to both descriptive and inferential statistics and their application to social science research. Topics will include graphical representation of data, contingency table analysis, sampling distributions, hypothesis-testing, correlation and linear regression, t-tests, analysis of variance and chi square testing.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101, PSYC 1101H, SOCI 1101, SOCI 1101H, or SOCI 1160 and MATH 1401.

PSYC 3002 - Research Methods (3 credits)
This course will explore the major research methods used in Psychology with attention to the applications, strengths and weaknesses of each. Topics covered will include research philosophy, basic experimental design, single-subject and quasi-experimental designs, correlational research, observational and survey research and factorial designs. Ethical issues of human subjects research will be explored. Original research projects will be designed and conducted by students.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, and at least a C in PSYC 3001.

PSYC 3140 - Adulthood (3 credits)
This course examines the major psychological issues that are salient in the later stages of human development, from emerging adulthood to the end of life. Age related patterns and changes that occur in cognitive, behavioral, social and physical domains will be addressed from a life span perspective. Major theories, research findings and educational applications relevant to the phases of young adulthood, middle age, and old age will be explored. Topics include mental and physical health, interpersonal and family relationships; career development and retirement; death, bereavement, and coping with the life long process of aging, among others.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 2103.

PSYC 3150 - Gerontology (3 credits)
This course covers the scientific study of aging. It examines the biological, psychological, and behavioral changes that occur at individual ages. Students will explore the socio-cultural context in which individuals age. Relevant psychological theory and research findings about aging will receive special emphasis.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401. Cross-Listed as: SOCI 3150.

PSYC 3201 - Cross-Cultural Psychology (3 credits)
This course covers similarities and differences among the world regarding psychological principles, concepts and issues. Cross-cultural methodology and limitations are introduced. Socio-cultural variation in social behavior, personality, psychopathology, child development, emotion and cognition will be examined.

Lecture Hours: 3 hours. Lab Hours: 0 hours. Prerequisite: At least a C in both PSYC 1101 and PSYC 2103.

PSYC 3256 - Social Psychology (3 credits)
This course is a survey of human social behavior from a psychological perspective. The course will consider such topics as the nature of social psychological research, interpersonal attraction, attitude formation and change, advertising and persuasion, aggression, prosocial behavior, and group dynamics. Lecture and demonstration will be emphasized, but group interaction will be included.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H or SOCI 1160, and MATH 1401.

PSYC 3260 - Group Dynamics (3 credits)
This course covers the scientific study of the behavior of individuals in group settings. The course will focus on why people join groups, group structure, leadership, social facilitation, group processes, social identity, prejudice, group think, intergroup conflict, intragroup cohesion, group polarization, and social loafing.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401. Cross-Listed as: SOCI 3260.

PSYC 3265 - Abnormal Psychology (3 credits)
This is an introduction to maladaptive behavior and psychological disorders as classified by the Diagnostic and Statistical Manual of Mental Disorders. Historical perspectives on the field of mental illness, etiology, application of psychological theory, and research findings will be emphasized.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 2103.

PSYC 3277 - Personality Theory (3 credits)
This course considers the formation, dynamics, and assessment of personality. Personality will be studied from the five major theoretical perspectives - psychodynamic, trait, cognitive-social learning, humanistic, and biological. Representative theorists from each perspective will be considered in depth. Emphasis is on normal personality development and functioning.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PSYC 3285 - Industrial/Organizational Behavior (3 credits)
The course is designed to introduce students to concepts, principles, and theories of behavior in the work setting with topics focusing on personnel selection, job training and evaluation, individual and group dynamics, stress in the workplace, and the work environment.

Lecture Hours: 3 hours. Prerequisite: At least C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401. Cross-Listed as: SOCI 3285.

PSYC 3330 - Interviewing (3 credits)
The purpose of this course to teach interviewing skills. Students will learn the basic elements of good communication, practice good listening skills, and learn to form quality interview questions. A component of the course will be the cultural context of communication. Both theoretical and applied aspects will covered as they relate to work in human service agencies.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PSYC 3365 - Theories of Counseling and Psychotherapy (3 credits)
Providing counseling and therapy services is a major role for future mental health and public service professions. This course examines approaches to counseling and psychotherapy and various roles counselors and therapists play in treatment. Topics will include an overview in major theories of counseling and psychotherapy that are commonly used in professional practice, how these approaches attempt to effect change, group therapy, career counseling and therapeutic interventions. Target populations will include adults, children, families, couples and the elderly. Law and ethics in counseling and therapy and nontraditional/alternative methods of therapy will also be addressed. Special topics will include counseling with multicultural and diverse populations.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 3265..

PSYC 3401 - Biopsychology (3 credits)
The relationship between the brain and the behaviors it supports in humans and animals will be explored. The anatomy, physiology, and chemistry of the nervous system are reviewed, and the scientific analysis of the relations of these biological processes to psychological phenomena is presented. Topics will include pyschopharmacology, sensory systems, movement, sleep, reproduction ingestion, communication learning and neurological disorders. Most presentations will follow a structure-function approach.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 2103..

PSYC 3411 - Sensation and Perception (3 credits)
The major sensory input systems including vision, hearing, olfaction, taste, and touch will be explored from the sensory receptors through pathways to the brain. Psychophysical and other common sensory and perceptual experiences will be discussed. The integration of sensory input to perceptual experiences will be discussed. Evolutionary history and functional adaptations will be explored.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 3401.

PSYC 3421 - Motivation and Emotion (3 credits)
This course addresses the causes of human and animal behavior. It includes physiological, cognitive, social, behavioral and personality perspectives on the subject. An effort is made to integrate the widely varying theories and perspectives to assist students in developing an understanding of why the causes of behavior are so complex. Neuroscience, personality, learning, and developmental issues are equally balanced in the course.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 2103.

PSYC 3500 - Child and Adolescent Psychology (3 credits)
This course will investigate the issues and problems of children and adolescent psychology. The biological, psychological, and behavioral patterns and changes that occur from birth through adolescence will be summarized from a developmental perspective. The network of intervention services for children and adolescents in crisis will also be examined.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PSYC 3550 - Law & Ethics in Psychology (3 credits)
The provision of direct and indirect services is a major role for psychology, counseling and other human service professional. This course examines the professional, legal, and ethical issues related to the professional application of psychology. This course will include an overview of pertinent legal statutes and professional ethical codes and will provide a basic foundation for decision making and problem solving that mental health professionals engage in. Topics will include informed consent, confidentiality, duty to warn/ report, and relationships with clients. Advanced topics will include issues surrounding multi-cultural and diverse populations, special need clients and children.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 3265.

PSYC 3565 - Childhood Psychopathology (3 credits)
This course is an examination of the psychological disturbances of childhood and current best therapeutic approaches to treating such disturbances. The course explores the various theories that attempt to explain the causes of these disorders and the various ways these disorders manifest throughout infancy, early childhood, middle childhood and adolescence. The course also highlights what can be done to encourage a return to normality (to the extent that it is desired by the child and family) according to the current 'best practice' therapeutic guidelines. Major psychopathologies of childhood will be covered, and include Intellectual Disabilities, Autistic Spectrum Disorders, Attachment Disorders, Oppositional Defiance and other behavior disorders, Attention Deficient and Hyperactivity Disorders, Learning Disorders, Anxiety Disorders, Mood Disorders, Personality Disorders, Eating Disorders, Schizophrenia, Substance Abuse and the impacts of Traumatic Brain Injury, domestic violence and childhood abuse on childhood developmental outcomes.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 3265.

PSYC 3601 - Cognitive Psychology (3 credits)
Topics essential to understanding the mental processes that explain how we acquire, store, retrieve, compare, represent, manipulate and communicate information will be covered. Major theories, methods, and paradigms in cognitive psychology are studied as well as research findings and applications to everyday life. Topics include attention and consciousnesses, perception, memory, knowledge representation, language, problem solving and creativity, decision making and reasoning, and human and artificial intelligence.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101.

PSYC 3611 - Risk and Decision Making (3 credits)
Cognitive processes underlying the perception of risk, problem solving, judgment, and decision making will be examined. Cognitive, social-cognitive, neuroscience, and developmental perspectives to risk assessment and decision-making will be explored. Topics covered include algorithms, heuristics, biases, quantitative literacy, brain substrates, risky behavior and delinquency, game theory, and behavioral economics.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H.

PSYC 3631 - Theories of Learning (3 credits)
Familiarizes the student with the general principles of learning and memory by examining various learning theories, memory research, perception, information processing and problem- solving. Cognitive and behavioral approaches to learning will be compared. Application of theories and research findings to leadership and training contexts is emphasized.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 2103.

PSYC 3801 - Psychology of Gender (3 credits)
This course examines the origin, development, maintenance, and consequences of gender from a psychological science perspective. Topics covered include gender-role attitudes, communication, gender and health, relationships, work roles and achievement. Psychological theories of gender and accompanying methods will also be examined.

Lecture Hours: 3 hours. Prerequisite: PSYC 1101.

PSYC 3999 - Special Topics in Psychology (3 credits)
This course is an intensive study of a significant topic in psycology not otherwise covered in course offerings. Emphasis will be placed on current and emerging topics in th ebroad field of psychological science. Students may be required to complete field trips, service learning, research, or career-readiness projects as part of this course. This course may be repeated.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 and PSYC 2103.

PSYC 4001 - Experimental Psychology (3 credits)
Experimental methods used with human and animal subjects in psychology will be explored. Topics include ethics, the scientific method, measurement, operational definitions, validity, reliability, principles of research designs (experimental, quasi-experimental, observational and survey approaches), treatment and analysis of data, and computer applications. Students will perform research studies of their own, individually and in groups, and present at least one major paper in APA format.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 3002.

PSYC 4030 - Psychological Testing (3 credits)
This course provides a survey of the nature and application of psychological tests, including the value and limitations of various types of test. Both objective and projective techniques will be covered, with emphasis on personality, ability, and intelligence testing. Discussion of testing ethics, reliability and validity, specific test uses and misuses, and analysis of test results will be included.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PSYC 4100 - Senior Capstone in Psychological Science (3)
This is a senior seminar/capstone course for Psychology majors designed to provide an in-depth examination of controversial substantive and methodological issues in contemporary psychological science. It is a writing intensive course that requires students to analyze, evaluate, and integrate findings from psychological research and from the student's prior academic experiences in Psychology.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: 'C' or better in PSYC 3001 and PSYC 3002.

PSYC 4298 - Applied Learning (3 credits)
The major approaches to learning in psychology are discussed, and applications for each in such areas as methods for studying, child rearing, adult learning, gender differences, and language learning are considered. The objective is to give the student a clear understanding of how learning works in humans (with some reference to animal modes) and how those principles might be used to enhance personal learning pursuits.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PSYC 4401 - Evolutionary Psychology (3 credits)
This course examines the mechanisms of the human mind through the lens of evolutionary psychology. It begins with a brief historical view of key theories in psychology and evolutionary biology. We then proceed to substantive topics including problems of survival, long term mating, sexuality, parenting, kinship, cooperation, aggression and warfare, conflict between the sexes, status, prestige, and dominance hierarchies. The course concludes by proposing a unified field that integrates the different branches of psychology.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PSYC 4411 - Animal Behavior (3 credits)
This course addresses the causes of animal behavior considered from evolutionary biological, ecological, and neuroethological perspectives. The course begins by considering animal behavior in the context of evolutionary theory including discussions of natural selection, sexual selection, genetic and epigenetic effects on behavior. The rest of the course includes topics such as mating systems, parental care and kinship, cooperation, feeding behavior, antipredator behavior, aggression, play, communication, and animal personalities.

Lecture Hours: 3 hours. Prerequisite: At least a C or better in PSYC 3401 or at least a C or better in BIOL 2108.

PSYC 4500 - Children, Families, and the Law (3 credits)
Increasingly, psychological theory and research are being brought into the courtroom and other legal settings where important decisions related to the well-being of children, adolescents, and families are made. This course examines the various intersections of psychological science with the legal system. Topics covered include child eyewitness testimony, parental custody determination, the rights of children in the workplace, educational policy, family privacy issues, and whether adolescents qualify to be tried as adults, among others.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PSYC 4550 - Forensic Psychology (3 credits)
The relationship between criminal behavior and mental illness has become increasingly important in American society. This course examines how psychologists interact with the criminal justice system. Topics include competency and not guilty by reason of insanity statutes, evaluation of offenders, treatment options, typologies of crime and offenders, motivating factors, sexual predator/psychopath laws, profiling, and stalking. Special emphasis will be placed on multicultural issues, female offenders, and mentally ill offenders with additional special needs.

Lecture Hours: 3 hours. Prerequisite: At least a C or better in PSYC 3265.

PSYC 4601 - Psycholinguistics (3 credits)
This course is meant to introduce students to a broad selection of current issues regarding the relationship among grammar, language processing and cognition. This course will examine cognitive, biological and evolutionary perspectives on various dimensions of linguistic structure. The course presents an introduction to the field of study which blends the disciplines of psychology and linguistics to discover the psychological processes that make it possible for humans to comprehend, produce and acquire language. This course is designed to explore the applications of psycholinguistics to clinical work.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

PSYC 4900 - Directed Research in Psychology (3)
Students in this course will complete research in psychology, under the supervision of the course instructor. The purpose of this course is to give students experience on a research project, including developing research questions, collecting and analyzing data, and/or presenting to appropriate audiences.
Lecture Hours: 0. Lab Hours: 3. Prerequisite: PSYC 3002 and Permission of instructor..

PSYC 4930 - Psychology Internship (3)
The internship course is designed to support the student in an internship experience in which the student integrates learned course content for use in supervised real-world situations within an agency or organization. Students write a required paper that integrates prior academic knowledge applicable to the internship experience. Complete 150 hours in a non-profit or private agency or organization.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Junior or senior level standing, record of academic excellence, and permission of instructor/internship coordinator.

PSYC 4990 - Seminar in Abnormal Psychology (3 credits)
The purpose of the seminar is to provide the student with experience in applying psychological theory to actual case studies of psychological disorder. Relevant treatment practices will be stressed. The knowledge of ethics of psychological disorders (as outlined in the Diagnostic and Statistical Manual) and a variety of treatment approaches is presumed.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 3265.

RESP - Respiratory Therapy

RESP 3010 - Advanced Mechanical Ventilation (3 credits)
This course will cover a more in-depth look at the areas of mechanical ventilation, such as current research in the field, new modalities of ventilation, graphics, advanced monitoring, and unconventional methods of providing oxygenation and ventilation.

Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the B.S. completion program in Respiratory Therapy.

RESP 3020 - Intensive Respiratory Physiology (3 credits)
This is an advanced course of study that brings the scientific basis of Respiratory Physiology into the Respiratory Therapists' practice. Students will learn to identify major organ maladies in the patient population and identify appropriate treatment regimens.

Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the B.S. completion program in Respiratory Therapy.

RESP 3030 - Respiratory Research (3 credits)
This is an introduction to qualitative and quantitative research. Descriptive statistical methods are described. Respiratory Care research will be analyzed and the statistical methods of this peer-reviewed research critiqued.

Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the B.S. completion program in Respiratory Therapy.

RESP 3040 - Advanced Pediatrics/Neonatology (3 credits)
This is a study of advanced pediatrics and neonatology in the intensive care setting. Students increase knowledge in assessment and evaluation, identification and utilization of critical skills, procedures used in the intensive care settings in a general review of perinatal/pediatric respiratory care.

Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the B.S. completion program in Respiratory Therapy.

RESP 3050 - Advanced Adult Critical Care (3 credits)
This is a holistic study of cardiopulmonary diseases. Treatment, monitoring, and patient care options will be explored in the intensive care settings. Advanced therapies and unconventional approaches to critical care medicine will also be explored.

Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the B.S. completion program in Respiratory Therapy.

RESP 3110 - Respiratory Care Assessment and Physiology (3 credits)
A comprehensive study of general physical and respiratory assessment, cardiopulmonary physiology, medical terminology, arterial blood gas assessment, basic theory of ventilation related to pulmonary physiology and pulmonary function assessment.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: Admission to the Respiratory Therapy program.

RESP 3111 - Fundamentals of Respiratory Care I (3 credits)
This course examines principles and applications of cardiopulmonary physiology, physical assessment, and basic respiratory care equipment and techniques related to the most common pulmonary diseases.
Lecture Hours: 3 hours. Prerequisite: Admission to the Respiratory Therapy program.

RESP 3112 - Virtual Clinical Experience 1 (3 credits)
An introduction to the process of problem-based learning using small groups to discuss patient problems pertaining to cardiopulmonary disease. Development of communication, critical thinking, and peer teaching skills are emphasized. Orientation to and assessment of the effective use of electronic resources to research learning topics is included. Simulations will be presented so learners can relate to cases in Fundamentals using all therapies and devices involved in the patients' care.
Lecture Hours: 2 hours. Lab Hours: 1 hour. Prerequisite: Admission to the Respiratory Therapy program.

RESP 3113 - Diagnostics (1 credit)
This course presents the various tools that will allow the learner to diagnose and treat patients with a variety of pathophysiological issues.
Lecture Hours: 1 hour. Prerequisite: Admission to the Respiratory Therapy program.

RESP 3114 - Cardiopulmonary Research (2 credits)
An introduction to research principles and statistics. Emphasis on critiquing research pertaining to probability, sample sizes, population and other adhered to research principles.
Lecture Hours: 2 hours. Lab Hours: 0. Prerequisite: Admission to the Respiratory Therapy program.

RESP 3115 - Clinical Rotation I (1 credit)
Students perform respiratory care procedures in acute areas and alternate sites with emphasis placed on patient assessment and basic care techniques. 8hrs/wk x 7.5 wks (2nd half of semester).
Clinical Hours: 60 hours / semester.
Lecture Hours: 0. Lab Hours: 1 hour. Prerequisite: Admission to the Respiratory Therapy program.

RESP 3120 - Teaching and the Adult Preceptor (2 credits)
This course explores topics related to education, learning styles, presentation development, clinical education, preceptorship, patient education and mentoring. Emphasis is placed on facilitating adult learning, assessment of adult learners in the clinical environment and utilization of varied teaching approaches at the bedside and the classroom.
Lecture Hours: 2 hours. Lab Hours: 0. Prerequisite: Admission to the Respiratory Therapy program.

RESP 3121 - Fundamentals of Respiratory Care II (3 credits)
This course examines principles and applications of cardiopulmonary physiology, physical assessment, and basic respiratory care equipment and techniques related to the less common pulmonary diseases.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: A 'C' or better in RESP 3111.

RESP 3122 - Virtual Clinical Experience 2 (3 credits)
A problem-based learning experience covering the modes, initiation, management, weaning, and troubleshooting of mechanical ventilation, including NIPPV; basic and advanced airway management techniques on patient populations covered in Critical Care 1; application of EKG, hemodynamic monitoring, and other diagnostic devices will be included.
Lecture Hours: 2 hours. Lab Hours: 1 hour. Prerequisite: A 'C' or better in RESP 3112.

RESP 3123 - Cardiopulmonary Critical Care I (3 credits)
This course examines principles and applications of cardiopulmonary physiology, physical assessment, and advanced respiratory care equipment, and techniques related to the cardiopulmonary conditions treated in the intensive care unit. Emphasis will be placed on basic life support and critical care monitoring as well as airway management and non-invasive treatment measures.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: A 'C' or better in RESP 3111.

RESP 3125 - Clinical Rotation II (2 credits)
Students perform respiratory care procedures in acute care areas, emergency, and alternate sites with emphasis placed on patient assessment and basic care techniques.
Clinical Hours: 120 hours/semester.
Lecture Hours: 0. Lab Hours: 2 hours. Prerequisite: A 'C' or better in RESP 3115 .

RESP 3126 - Clinical Rotation III (1 credit)
Students perform respiratory care procedures in traditional and non-traditional respiratory specialty areas.
Clinical Hours: 60 hours / semester

Lecture Hours: 0. Lab Hours: 1 hour. Prerequisite: A 'C' or better in RESP 3115.

RESP 3131 - Neonatal Pediatric Care (3 credits)
Comprehensive study of neonatal and pediatric respiratory care with the emphasis on fetal development, labor and delivery, patient assessment, resuscitation techniques, cardiopulmonary diseases, and techniques of conventional and non-conventional mechanical ventilation.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: Admission to the Respiratory Therapy program.

RESP 3133 - Cardiopulmonary Critical Care II (3 credits)
This course covers advanced critical care techniques that will be discussed in the context of specific patient cases.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: A 'C' or better in RESP 3123.

RESP 3135 - Clinical Rotation IV (1 credit)
Students perform respiratory care procedures in the intensive care unit and other critical care areas.
Clinical Hours: 60 hours/semester
Lecture Hours: 1 hour. Lab Hours: 0. Prerequisite: A 'C' or better in RESP 3126 .

RESP 4010 - Case Management and Protocol Evaluation (3 credits)
This course explores the latest principles and theories in pulmonary case management preparing the student for coordinating management issues. Interventions and collaboration efforts are explained to move the patient through the continuum of care. The course will explore the interdisciplinary approaches of the financial, legal, and service aspects of this field. Clinical practice guidelines take the learner through the most efficient health care management of the patient.

Lecture Hours: 3 hours. Prerequisite: Acceptance into the B.S. completion program in Respiratory Therapy.

RESP 4020 - Quality Control & Collaborative Care (3 credits)
This course teaches a method of evaluation that is composed of structure, process, and outcome evaluations which focus on improvement efforts to identify root causes of problems, intervene to reduce or eliminate these causes, and take steps to correct the process. With its proactive, systems-evaluation approach, CQI recognizes that the majority of problems result from a failure in the process of providing the service, as opposed to being attributable to the providers themselves.

Lecture Hours: 3 hours. Prerequisite: Acceptance into the B.S. completion program in Respiratory Therapy.

RESP 4030 - Polysomnography (3 credits)
This course is a study of respiratory sleep disorders with emphasis on diagnosis and treatment regimens. Equipment, reimbursement, and alternative therapies will be described and discussed.

Lecture Hours: 3 hours. Prerequisite: Acceptance into the B.S. completion program in Respiratory Therapy.

RESP 4040 - Respiratory Community Health (3 credits)
This course provides the framework to community care theory and practice and aims to improve the knowledge base and practical skills required by all community workers in pulmonary lung health. This course also gives the student the opportunity to develop, coordinate, and implement community educational endeavors.

Lecture Hours: 3 hours. Prerequisite: Acceptance into the B.S. completion program in Respiratory Therapy.

RESP 4050 - Mentoring and Preceptorship (3 credits)
This course explores topics related to clinical education, preceptorship, patient education, and mentoring in the respiratory field. Emphasis is placed on facilitating adult learning, assessment of the adult learner in the clinical environment, and utilization of varied teaching assessments and approaches at the bedside and in practice.

Lecture Hours: 3 hours. Prerequisite: Acceptance into the B.S. completion program in Respiratory Therapy.

RESP 4060 - Pulmonary Function Technology (3 credits)
This course provides an advanced study of pulmonary function testing, cardiopulmonary stress testing, and use of indirect calorimetry for nutritional assessment in relation to specific disease processes. Clinical pulmonary function testing assessment and interpretation will be presented.

Lecture Hours: 3 hours. Prerequisite: Acceptance into the B.S. completion program in Respiratory Therapy.

RESP 4090 - Special Topics (1 - 4 credits)
This course is individually designed under the direction of faculty to allow students opportunities to explore specific areas of interest.

Lecture Hours: 1 - 4 hours. Prerequisite: Department Chair approval.

RESP 4100 - Independent Study (1-4 hours)
This course is individually designed under the direction of faculty to allow students opportunities to explore specific areas of interest in respiratory therapy.
Lecture Hours: 1-4. Lab Hours: 0. Prerequisite: Permission of the Chair of Respiratory Therapy.

RESP 4110 - Leadership and Management (2 credits)
This course presents theory and clinical application, various leadership and management practices. It involves a method of evaluation that is composed of structure, process, and outcome evaluations which focus on improvement efforts to identify root causes of problems, intervene to reduce or eliminate these causes, and take steps to correct the process. With its proactive, systems-evaluation approach, CQI recognizes that the majority of problems result from a failure in the process of providing the service, as opposed to being attributable to the providers themselves.

Lecture Hours: 2 hours. Lab Hours: 0. Prerequisite: Acceptance into the Respiratory Therapy Program.

RESP 4111 - Neonatal Pediatric Critical Care (3 credits)
This course is a study of advanced pediatrics and neonatology in the intensive care setting. Students increase knowledge in assessment and evaluation, identification and utilization of critical skills, procedures in the intensive care setting in a general review of perinatal/pediatric respiratory care.

Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: Acceptance to the Respiratory Therapy Program.

RESP 4112 - Virtual Clinical Experience 3 (3 credits)
A problem-based approach to the initiation and application of NIPPV; basic and advanced airway management techniques on patient populations covered in Critical Care 2 and Neo/Ped Fundamentals. Hands-on experience with equipment and techniques used in neonatal and pediatric respiratory care.
Lecture Hours: 2 hours. Lab Hours: 1. Prerequisite: A 'C' or better in RESP 3122.

RESP 4113 - Advanced Critical Care (3 credits)
This is a holistic study of cardiopulmonary diseases and the necessary treatment, monitoring, and patient care necessary for supporting patients in the intensive care settings.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: A 'C' or better in RESP 3133.

RESP 4115 - Clinical Rotation V (2 credits)
Students perform respiratory care procedures in the neonatal, pediatric and cardiovascular ICUs as well as other critical care areas.
Clinical Hours: 120 hours / semester
Lecture Hours: 0. Lab Hours: 2 hours. Prerequisite: A 'C' or better in RESP 3135 .

RESP 4116 - Clinical Rotation VI (1 credit)
Students perform respiratory care procedures in traditional and non-traditional respiratory specialty areas.
Clinical hours: 60 hours/semester
Lecture Hours: 0. Lab Hours: 1 hours. Prerequisite: A 'C' or better in RESP 3135 .

RESP 4120 - Respiratory Care Seminar (2 credits)
Course includes discussion of recent trends in respiratory care. Students prepare a resume and practice interview/communication skills. Comprehensive written and clinical simulation examinations are administered.

Lecture Hours: 2 hours. Lab Hours: 0. Prerequisite: Admission to the Respiratory Therapy Program.

RESP 4124 - Alternative Respiratory Care (3 credits)
This is a study of respiratory care outside the acute care facility. Topics include polysomnography, cardiopulmonary rehabilitation, home care, physician offices, sub-acute care facilities, and cardiopulmonary testing.
Lecture Hours: 3 hours. Lab Hours: 0.

RESP 4125 - Clinical Rotation VII (7 credits)
This internship experience gives the developing respiratory therapy student the opportunity to work a normal shift with licensed clinicians in various areas and facilities.
Clinical hours: 420 hours/semester
Lecture Hours: 0. Lab Hours: 7 hours. Prerequisite: A 'C' or better in RESP 4116.

RHAB

RHAB 3000 - Introduction to Rehabilitation Professions (3 credits)
This course is designed to introduce the philosophy, history and legislation of rehabilitation services and career options. Students will be introduced to the various rehabilitation professions and the various elements and components that makes each unique. Students visit rehabilitation agencies and interact with populations and agencies they may serve as a rehabilitation provider to gain insight into the field of rehabilitation science.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: Completion of core requirements for entrance to the Rehabilitation Science Program.

RHAB 3100 - Applied Anatomy and Kinesiology I (3 credits)
Basic physical concepts as they apply to human movement are explored. Structural anatomy, neuromuscular physiology, and biomechanical principles as they apply to human movement are emphasized. Introduces the scientific and clinical applications of biomechanics to rehabilitation interventions.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: BIOL 1114.

RHAB 3110 - Applied Anatomy and Kinesiology II (3 credits)
Explores palpation techniques of anatomical structures and in-depth analysis how structures interact to create movement to the human body. Describes how the human nervous and musculoskeletal systems interact to move the human body. Students will demonstrate deeper understanding of muscles origin, insertion, and innervation and how they contribute to normal and abnormal movement patterns.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: RHAB 3100 Applied Anatomy and Kinesiology I.

RHAB 3200 - Exercise Physiology (3 credits)
A survey of the mechanisms by which the body responds, reacts, and adapts to physical exercise, includes a study of how to select, apply, gather, assess, and interpret data from physical assessments related to performance. In addition, the course provides knowledge about selection, application, and progression of fitness, strength, and conditioning techniques to improve performance.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: RHAB 3100.

RHAB 3320 - Professional Communication for Rehabilitation (3 credits)
This course is designed to facilitate basic mastery of core communication skills necessary to communicate professionally in a rehabilitation science setting and build meaningful and effective helping relationships. Emphasis will be placed on building a foundation in medical terminology, interpersonal communication skills, medical documentation, and culturally competent communication.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: BIOL 2251K .

RHAB 4000 - Pathophysiology for the Rehabilitation Professional I (3 credits)
This course is a survey of disabilities, illnesses, and medical conditions across the lifespan. Emphasis is placed on the signs, symptoms, assessments, treatments, and preventative techniques associated with specific illnesses and medical conditions. In addition, course content focus on current information provided by the most recent Healthy People data.
Lecture Hours: 3 hours. Prerequisite: BIOL 1124.

RHAB 4010 - Pathophysiology for the Rehabilitation Professional II (3 credits)
This course is a continuation of the study of disabilities, illnesses and medical conditions across the lifespan. Emphasis is placed on the signs, symptoms, assessments, treatments, and preventative techniques associated with specific illnesses and medical conditions, but will also focus on complications that may occur due to aging, stress, and environmental factors.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: RHAB 4000 Pathophysiology for the Rehabilitation Professional I.

RHAB 4100 - Cultural and Psychosocial Aspects of Disability (3 credits)
This course is designed to introduce the concepts of cultural competence in health care delivery systems. Stages of adjustment to disability, impact of age at onset, and impact on families within the context of culture are the main focus of this course.
Lecture Hours: 3 hours. Lab Hours: 0.

RHAB 4200 - Introduction to Orthotics and Prosthetics (3 credits)
This course provides an overview of the fundamental concepts that orthotics and prosthetics are founded on. The purpose of the course is to provide the student with a base knowledge that the subsequent clinical courses can build upon. The course covers: terminology, history, materials, fabrication processes, component identification, a survey of common pathologies, basic clinical problem solving, orthosis and prosthesis classification, and basic biomechanical principles. In addition, students will learn about varying dysfunctions, disorders, and special populations for the different devices.
Lecture Hours: 3.

RHAB 4250 - Assessment in Rehabilitation (3 credits)
This course is an introduction to the process of systematic and comprehensive health data collection and assessment across the lifespan. Emphasis is placed on strategies for interpersonal communication as well as gathering and assessment of data from examination techniques. Also focuses on the examination of a patient's health risk and provision of interventions to promote healthy lifestyle behaviors and disease prevention.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: Completion of RHAB 3200 with with a grade of "C" or better..

RHAB 4300 - Assistive Technology and Independent Living (3 credits)
This course is intended for the Rehabilitation Science major. It introduces the concepts of assistive technology selection and training for individuals of differing ages and health status. Topics of instruction include the history, legislation, and philosophy of independent living and assistive technology, accessibility study, and completing an independent living project. Wellness and productive community living at each state of life are key areas of focus. Mechanisms of reimbursement or financial assistance will be introduced.
Lecture Hours: 3 hours. Lab Hours: 0. Prerequisite: No pre-reqs.

RHAB 4900 - Rehabilitation Internship (3 credits)
This one-semester internship is designed to provide students with the opportunity to integrate skills learned in the program in a clinical setting. All students are required to complete a minimum of 200 clock hours at an approved agency that addresses disabilities. Students are required to work for twelve and one-half (12.5) hours per week for sixteen (16) weeks. Internship students will gain valuable practical skills in the day-to-day operations of the agency, and may be involved in such tasks as interviewing patients, case recording and documentation, attending staff meetings, contacting resources, preparing in-service and staff development presentations, assessment, exercise prescription, program planning, teaching job seeking or independent living skills, assistive technology assessment and training, etc.
Lecture Hours: 0. Lab Hours: 3. Prerequisite: Prerequisites: RHAB 3200 minimum grade of "C".

SCIE - Science

SCIE 1001 - Perspectives on Scientific Literacy (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to basic scientific principles and methodology. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to issues in the natural sciences and to gain experience in developing and presenting original arguments in oral forms. Topics will include discussions of how the scientific method was developed and established, how modern science is practiced, and current controversies in the world of the natural sciences. Students will also learn how to evaluate critically various sources of information about the sciences from several types of media.
Lecture Hours: 4 Hours.

SCIE 2152 - Science, Poetry, and the Imagination (3 credits)
This is an interdisciplinary course connecting humanities and natural sciences and mathematics. This course examines the use of metaphor and symbol in understanding poetry and the use of model in understanding scientific theory.
Lecture Hours: 3 hours. Prerequisite: ENGL 1102 or ENGL 1102H. Cross-Listed as: HUMN 2152.

SCIE 2998 - Research Methods (2 credits)
This course is a survey of research methodology with an emphasis on the projects' specific hypotheses and aims, methodology, and the analyses of possible outcomes. Discussions will include applications and limitations of current techniques in scientific research.

Lecture Hours: 2 hours. Prerequisite: BIOL 2107K OR CHEM 2211K OR PHYS 1111K OR PHYS 2211K OR GEOL 1125K.

SCIE 2999 - Directed Study in Natural Sciences (1 credit)
An independent study course in which students are expected to perform research on specific topics in biology, chemistry, physics, geology, astronomy, or engineering with a focus on learning about discipline-specific techniques. Students will present their findings to peers and at least one science faculty member. Students will demonstrate their knowledge of their research through at least one written assignment. Students should have a strong background in the sciences. This course can be taken two times in lieu of the two hour SCIE 2998 Research Methods course.

Lecture Hours: 1 hour. Prerequisite: BIOL 2107K or CHEM 1211K and permission of instructor.

SCIE 3000 - General Science for Elementary Education (3 credits)
In this course, students will learn and apply pedagogical knowledge grounded in research-based literature for designing, implementing, and evaluating the scientific principles underlying physical science and life science in order to meet the diverse needs of all P-5 learners. Use of technology is required. This course is aligned with state and national standards.

Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Early Childhood Special Education and pass program checkpoints.

SCIE 3002K - General Science for Secondary Education (4 credits)
In this course students will learn and apply pedagogical knowledge grounded in research-based literature in designing, implementing, and evaluating the scientific principles underlying physical science and life science in order to meet the diverse needs of secondary learners. Use of technology is required. This course is aligned with state and national standards. Corequisite lab course required.

Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Biology Teacher Certification Track . Corequisite: SCIE 3002L.

SCIE 3002L - General Science for Secondary Education Lab (0 credits)
Lab for SCIE 3002K.

Lab Hours: 2 hours. Corequisite: SCIE 3002K.

SCIE 3120 - Human Disease and Society (3 credits)
This course covers the historical and contemporary impact of disease upon society as well as the influences of society on disease. Genetic, contagious, and environmental diseases will be examined.

Lecture Hours: 3 hours. Prerequisite: ENGL 1102 or ENGL 1102H and BIOL 3540K.

SCIE 4200 - Natural Sciences Internship (1-4)
Students will participate in a natural sciences-related internship experience under the guidance of the instructor. The internship can be directly with the instructor or off-campus, either as a volunteer or through employment. An internship experience must be approved in advance of the semester together by the instructor and off-campus supervisor in accordance with the department chair. Completion requires a written evaluation from the on-site supervisor, if the experience was off-campus, or from the instructor for on-campus experiences. A written report and formal oral presentation must also be completed by the student. Course may only be taken once or maximum of 4 hours.
Lecture Hours: 0. Lab Hours: 1-4. Prerequisite: “C” or better in BIOL 2108K and permission of Instructor.

SCM - Supply Chain Management

SCM 3000 - Fundamentals of Logistics Management (3 credits)
This course is designed to give an overview of logistics management which includes the critical elements and systems to support the planning and operation of the movement of goods and services, as well as storage of inventories between points of origin and points of consumption, driving accuracy and managerial decision making at all levels of an organization.
Lecture Hours: 3. Prerequisite: A grade of C or better in BUSA 1105. Cross-Listed as: AMGT 3201.

SCM 3100 - Production Planning and Control I (3 credits)
This course covers important topics that affect or are related to the intermediate and long term planning and operations` executions of activities in organizations. It includes aggregate planning, inventory management/control, master production scheduling, materials requirements planning, and more. Credit will not be given for both MGMT 4166 and SCM 3100.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165.

SCM 3300 - Warehousing and Distribution (3 credits)
The focus of this course is to achieve sustainability in warehousing and distribution management within the supply chain by identifying and discussing key strategies to allow organizations to compete in both Domestic U.S. and global markets. Topics covered from analytical and practical perspectives include: sustainability in strategic warehousing, warehouse operations, warehouse ownership arrangements, warehouse decisions, and functions of distribution channels, distribution technologies, Domestic U.S. and global distribution strategies.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165.

SCM 3314 - Purchasing Management (3 credits)
This course is a study of techniques involved in purchasing management as a business function. Topics include vendor selection, contractor negotiations, contract administration, and supply management principles and practices.

Lecture Hours: 3 hours. Prerequisite: Completion of AMGT 2301 or MGMT 3165 with a grade of C or higher..

SCM 4110 - Global Supply Chain Strategy (3 credits)
Managing global supply chains is complicated by greater demand, longer distances, more extensive documentation, and greater diversity. This course will introduce students to those unique aspects of global supply chains and discuss current and emerging strategies for effectively managing in those environments.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165.

SCM 4120 - Supply Chain Technology (3 credits)
This course explores several of the technologies that are available for improving efficient operation of a supply chain. The focus is on helping the student understand the constraints and capabilities of these technologies so they can judge when and where it is appropriate to employ them.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165.

SCM 4130 - Transportation Management (3 credits)
This course is designed to give an overview of the transportation environment, in both the domestic and global arenas. This includes micro and macro insights into the importance of transportation to both the firm and the economy, and an overview of rail, motor, air, water, and pipeline modes of transport and the governmental regulations associated with each, along with economics of transportation costing and pricing in a free market economy.

Lecture Hours: 3 hours. Prerequisite: MGMT 3165.

SMGT - Sport Management

SMGT 2000 - Sport and Society (3 credits)
This course will explore the relationship between sports and our society in which it exists. It will give students an opportunity to discuss and critically think about the ethics of sports and how sports affects society. Topics covered include sociology of sports, socialization, youth participation, deviance, gender, race, economy, media, politics, and religion in sports.
Lecture Hours: 3.

SMGT 2400 - Introduction to Sport Management (3 credits)
This survey course illustrates the foundations and principles on which sport and fitness management operate, and also allows students to explore career opportunities in the field. Topics covered include facilities and personnel management, marketing, financial, legal, and ethical principles as they relate to sport and fitness-related enterprises. It also explores the historical aspects, current state, and future trends of the industry.

Lecture Hours: 3.

SMGT 3400 - Introduction to Sport Management (3 credits)
This survey course illustrates the foundations and principles on which sport management operate, and also allows students to explore career opportunities in the field. Topics covered include facilities and personnel management, marketing, financial, legal and ethical principles as they relate to sport and fitness-related enterprises. It also explores the historical aspects, current state and future trends of the industry.

Lecture Hours: 3. Lab Hours: 0.

SMGT 3900 - Health Promotion and Education (3 hours)
Introduction to the professional field of health education and the fundamental concepts of health education and health promotion. The subject matter is rooted in the broad field of public health, with an emphasis on the roles of health promotion and illness prevention. Stress is placed upon the relationship between health, the social and physical environment, health care delivery and personal health behavior. Emphasis will be given to the process and practice of health promotion and the application of related health behavioral theories and models.
Lecture Hours: 3. Lab Hours: 0.

SMGT 4010 - Legal Aspects of Sport and Fitness Management (3 hours)
This course will explore the practical application of laws, rules and regulations that apply in the sports and fitness settings. Topics include an overview of the legal system and legal foundations, contract law, tort liability including negligence, criminal law, intellectual property, the legal rights of employees and athletes, and governance issues.
Lecture Hours: 3. Lab Hours: 0. Corequisite: HLSA 3400.

SMGT 4020 - Financial Aspects of Sport Management (3 hours)
This course offers an examination of the principles of finance as applied to sport and fitness organizations. Topics include an overview of the sport industry and financial indicators for strategic planning, strategies for generating revenues, and the allocation of resources; a study of revenue sources available to sport and fitness organizations such as ticket sales, concessions, fundraising, and sponsorship. Emphasis will be placed on the use of financial information in administrative decision making.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: ACCT 2000 and HLSA 3400/SMGT 3400.

SMGT 4030 - Sport Marketing and Communication (3)
This course is designed to educate the student on the two basic components of Sports and Fitness Marketing: 1) The marketing of sports and fitness products, activities, and events; 2) The use of sports and fitness as a marketing tool for other products. Also, the course will educate the student on the different theories in the field of sport and fitness communication. The student will also learn how to become a more effective communicator.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: HLSA 3400.

SMGT 4040 - Sport Policy and Governance (3 credits)
This course will focus on the policies, structure, and bylaws that shape sport at the regional, national, and international levels. Content covered will be governance at the college, amateur, and professional levels for rules, participation, and guidelines.
Lecture Hours: 3.

SMGT 4050 - Public Policy and Sport (3 credits)
This course will explore the many ways in which sport pervades the sociopolitical sphere, both domestically and abroad. Students will identify, analyze, and critique the diverse arguments related to sports functions in issues including, but not limited to, politics, human rights, urban and regional planning, and international diplomacy, as well as government's role in sport administration and governance. By developing understanding of the ways in which sport shapes public policy and vice versa, students will gain a great appreciation of how the decisions they make as leaders in the sport industry can carry broader social, political, and cultural significance
Lecture Hours: 3.

SMGT 4440 - Sports Operations and Facilities Management (3 hours)
This course is designed to introduce students to facility and event management in the sports and fitness industry. it provides the skills necessary to effectively create and manage sports and fitness and events. Topics include facility design and management, the event planning process; facility and event operations financing, risk management and event marketing.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: HLSA 3400.

SMGT 4605 - Internship and/or Cooperative Education (3 credits)
This is an individually designed and planned learning experience involving field experience and study in the public or private sector. The student will spend a total of 8 hours per week working in sport management for each 3 credit hours.
Lecture Hours: 3. Lab Hours: 0.

SOCI - Sociology

SOCI 1101 - Introduction to Sociology (3 credits)
This is a survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas. The course uses core concepts to explore the relationship between private experience and social structure. Substantive topics may include the sociological perspective, culture, institutions, socialization, social interaction, deviance, stratification, social change, and global citizenry.
Lecture Hours: 3 hours.

SOCI 1101H - Honors Introduction to Sociology (3 credits)
This is a survey of the discipline of sociology. Various substantive topics will include core sociological theory, methods, concepts and findings in a context that provides an opportunity to do a guided research project. This course employs the sociological perspective to analyze the interplay among social structure, individuals, and groups. This course is open only to students who have been admitted to the Honors Program.
Lecture Hours: 3. Prerequisite: Admission to the Honors Program.

SOCI 1160 - Introduction to Social Problems (3 credits)
This is a theoretical and empirical analysis of selected major social problems confronting American society. Selected topics may include social inequality, crime, drugs, family violence, poverty, the criminal justice system, environmental pollution, resource depletion, illiteracy, war, and health care.
Lecture Hours: 3 hours.

SOCI 2293 - Introduction to Marriage and Family (3 credits)
This is an introduction to the structure, processes, problems, and adjustments of contemporary marriage and family life. Analyzed from historical, present day, and cross-cultural perspectives, topics may include family law, mate selection, sexuality, stages of family development, divorce, and remarriage. Strong emphasis will be placed on life skills such as communication styles and conflict resolution.
Lecture Hours: 3 hours.

SOCI 3001 - Social Research Methods (3 credits)
This course introduces qualitative and quantitative methods of sociological research. Topics include research design, methods of data collection, analysis of data, and ethical issues.

Lecture Hours: 3 hours. Prerequisite: SOCI 1101 and MATH 1401.

SOCI 3002 - Research Methods (3)
This course introduces qualitative and quantitative methods of sociological research. Topics include research design, methods of data collection, analysis of data, and ethical issues.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCI 1101, SOCI 1101H, or SOCI 1160.

SOCI 3100 - Sociological Theory (3)
This course will provide an overview of contemporary and classical sociological theory. Emphasis will be placed on theoretical schools of thought that have shaped the foundation of sociology, through contemporary society. This course will require a substantive amount of abstract and critical thought, it will significantly improve the ability to examine society from a sociological standpoint.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCI 1101/SOCI 1101H or SOCI 1160.

SOCI 3150 - Gerontology (3 credits)
This course covers the scientific study of aging. It examines the biological, psychological, and behavioral changes that occur at individual ages. Students will explore the socio-cultural context in which individuals age. Relevant psychological theory and research findings about aging will receive special emphasis.
Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

SOCI 3225 - Social Stratification (3 credits)
This course delineates a diversity of subcultures in contemporary U.S. society. It includes a theoretical analysis of stratification markers such as ethnicity, race, sex, gender, religion, age, geographical location, and socioeconomic status.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

SOCI 3250 - Medical Sociology (3 credits)
Analysis of social factors that influence health and illness and of health care as a social institution. Topics include the cultural construction of health and illness, the sick role, the effects of social inequality on health and illness, health occupations and professions, and the social organization of health care systems of various societies.
Lecture Hours: 3 hours. Prerequisite: SOCI 1101.

SOCI 3260 - Group Dynamics (3 credits)
This course covers the scientific study of the behavior of individuals in group settings. The course will focus on why people join groups, group structure, leadership, social facilitation, group processes, social identity, prejudice, group think, intergroup conflict, intragroup cohesion, group polarization, and social loafing.
Lecture Hours: 3 hours. Prerequisite: Admission to the PBSV program.

SOCI 3285 - Industrial/Organizational Behavior (3 credits)
The course is designed to introduce students to concepts, principles, and theories of behavior in the work setting with topics focusing on personnel selection, job training and evaluation, individual and group dynamics, stress in the workplace, and the work environment.
Lecture Hours: 3 hours. Prerequisite: Admission to the PBSV program.

SOCI 3510 - Community/Urban Sociology (3 credits)
The social, economic, and political processes shaping urban areas are examined against the theoretical backdrop of classic urban ecology and contemporary political economy. Topics covered may include methods and theories of community analysis, the origins of cities, suburbanization, urban subcultures, urban problems, city planning, community politics and reform, and global cities.

Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103, and MATH 1401.

SOCI 3520 - Sociology of Education (3 credits)
This course will examine the institution of education from a sociological perspective. It will highlight and discuss the history and goals of the American education system, educational inequality, the dynamics of race, class, and gender education, and issues in standardized testing, school choice, and higher education.
Lecture Hours: 3 hours. Prerequisite: SOCI 1101 and SOCI 1160.

SOCI 3530 - McDonaldization of Society (3)
This course will examine the ways in which society has changed as a result of the industrial revolution. Sociological theories will allow us to make sense of the reaction and results of rapid mechanization of society. Through the core theoretical perspective of McDonaldization we will examine the ways social structures are efficient, calculable, predictable, rational and controlled. We will apply these core concepts to social structures throughout society.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCI 1101 or 1160.

SOCI 3540 - Sociology of Religion (3)
This course will examine the institution of religion in our society and from a global perspective. Topics may include the relationship between religion and various societal factors including: social class, gender, race and ethnicity, politics, and health.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCI 1101/1101H or SOCI 1160.

SOCI 3999 - Special Topics (3)
This is an intensive study of a significant topic in sociology not otherwise covered in course offerings. Emphasis will be placed on current and emerging topics in the field of sociology. The course may be repeated.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCI 1101/1101H or SOCI 1160.

SOCI 4110 - Deviance and Social Control (3 credits)
This course is a study of deviant behavior from a sociological perspective. The course will focus upon definitions and theories, problems of research, the creation and maintenance of deviant categories, and the development of deviant identities, careers, and subcultures.
Lecture Hours: 3 hours. Prerequisite: At least a C in PSYC 1101 or PSYC 1101H, SOCI 1101 or SOCI 1101H, PSYC 2103 and MATH 1401.

SOCI 4120 - Sociology of Gender and Sexuality (3)
This course will examine the social and cultural bases of gender and sexuality.
The influence of gender and sexualities in both private and public spheres will be explored. This course will introduce sociologica l methods and theories to help students understand the institutions that structure life in gendered ways.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCI 1101, SOCI 1101H or 1160.

SOCI 4130 - Gender, Ethnicity, and Justice (3 credits)
This course examines the intersection of gender and ethnicity with regard to criminal offending and victimization. Emphasis will be placed on the application of the criminological theory to explain variations in patterns of crime in relation to gender, ethnicity, race, and class. In addition, the course will examine the policy implications of the current explanations.
Lecture Hours: 3 hours. Prerequisite: SOCI 1101 and SOCI 1160 with a C or higher. Cross-Listed as: CRJU 4130.

SOCI 4140 - Race and Ethnicity (3)
This course will examine the social and cultural bases of race and ethnicity. We will examine the ways lives are shaped as a result of racial and ethnic classifications. We will use sociological theory and methods to explore the ways race and ethnicity are defined and the ways the definitions evolve throughout time. We will discuss the role politics and the ways policy impact racialized people.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCI 1101, SOCI 1101 H or 1160.

SOCI 4150 - Social Movements (3)
This course is a survey of historical and current social movements. The social and political context of the these movements will be analyzed using sociological theories pertaining to social change and collective behavior.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCI 1101/1101H or SOCI 1160.

SOCI 4250 - Aging and Social Policy (3 credits)
This course will present a wide variety of perspectives to analyze public policies and legislation that impact the social and economic well-being of aging populations in the United States. It will trace the historical development of age related policies and national legislation, along with social movements that influenced them.

Lecture Hours: 3 hours. Prerequisite: SOCI/PSYC 3150.

SOCI 4997 - Capstone (3)
This course is a culmination of the sociology program curriculum. Emphasis will be placed on the application of sociological theory and research design in a course project as well as the identification of professional employment opportunities.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Completed all Area F courses, Senior standing.

SOCI 4999 - Internship (3)
A field experience course in which a student integrates and applies knowledge from the critical core and related courses to the student's internship/field experience. **(Students must work a minimum of 150 hours)**

Lecture Hours: 3. Lab Hours: 0. Prerequisite: 1. Have completed all Area F courses in the Sociology curriculum. 2. Have senior standing 3. Approval of Department Chair or Sociology Intake Coordinator 4. Must have a GPA of at least 2.0..

SOCW - Social Work

SOCW 2215 - Introduction to Social Work (3 credits)
This course provides an overview and historical examination of social work as a profession and social welfare as an institution. It will include a study of social work roles, settings, knowledge, values, and skills. Students will be introduced to problems and needs encountered in service delivery systems and the social work advocacy and intervention methods used to address related individual and system needs. This course is designed to contribute to the enrichment of general education for all students as well as those in the Social Work Education Program.
Lecture Hours: 3 hours. Lab Hours: 0 hours. Prerequisite: SOCI 1101 or SOCI 1101H.

SOCW 2400 - Critical Thinking and Writing for Social Work (3)
Students work to think critically about the nature of social work practice and demonstrate that thinking through academic, scholarly writing. Students become familiarized with a variety of common social work topics, assessing ways to successfully articulate ideas through written communication, learning how to balance their own ideals with professional social work values and ethics. Students also examine various forms of social work documentation and record-keeping methods.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: ENGL 1101, ENGL 1102, and SOCW 2215.

SOCW 2500 - Success in Social Work (3)
This course is designed to provide students with tools for success in undergraduate social work education and beyond. Topics include understanding and attaining CSWE Educational Competencies, APA writing style and requirements, professionalism in the classroom and field settings, social work ethics, development of social work identity, understanding the social work curriculum sequence, understanding and using advising, class portfolio assignments, maintaining and developing the BSW portfolio, and planning for graduate school and the workplace in the here and now.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: PSYC 1101, SOCI 1101 and SOCW 2215.

SOCW 2700 - Social Work and the Social Welfare System (3)
This course introduces students to the history of social welfare and social policy, the policy-making process, key social policies, and resulting social programming. Students learn the role played by social work in creating social policy. Special attention is given to contemporary examples of social policy and programming for populations served by social work.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: POLS 1101, SOCW 2215.

SOCW 3000 - Cultural Humility and Responsiveness in Social Work (3 credits)
This course prepares students to engage with diverse populations in a culturally responsive manner. Students will develop self-awareness, knowledge and skills for culturally competent and responsive practice with a range of diverse and historically disadvantaged or marginalized populations, including African/Black Americans, Asian-Americans, First Nations people, LatinX Americans, older adults, persons with disabilities, women, and LGBTQ+ populations.
Lecture Hours: 3 hours. Prerequisite: Updated to: PSYC 1101, SOCI 1101, SOCI 1160 and SOCW 2215 with a C or higher.

SOCW 3005 - Introduction to Forensic Social Work (3 credits)
This course introduces students to social work roles and practice within forensic settings including within the criminal justice, legal and policy systems. This course will focus on theory, practice, intervention, and advocacy with diverse forensic populations including offenders, victims, juveniles, and related systems. This course assumes a justice-oriented, multisystems, and interdisciplinary approach.
Lecture Hours: 3. Prerequisite: PSYC 1101, SOCI 1101.

SOCW 3010 - Human Services Management (3)
This is a study of the basic principles of public administration, both in government and in the private, non-profit sector. It includes an examination of ethics in public service.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, MATH 1401 and SOCW with a C or higher..

SOCW 3050 - Crisis Management (3)
This course is an overview of crisis management in the social services and related professions. It is designed to equip the social work student with the basic tools necessary to apply crisis management skills within the discipline. Students will learn the basic concepts and structure of crisis management including crisis assessment, prevention, and intervention through instruction and activities.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: PSYC 1101, PSYC 2103, and SOCW 2215 with a C or higher; SOCW 3200 recommended.

SOCW 3100 - Human Behavior and the Social Environment (3)
This course presents a foundational perspective on human behavior in the context of the individual, family and group; and the impact of organizations and communities across the life span within the context of the social environment. Students will examine and apply theory to better understand and assess individuals, families, groups, organizations and communities; and the interactions between them.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: SOCW 2215, SOCW 2500.

SOCW 3200 - Direct Social Work Practice I (3)
This course provides an introduction to direct social work practice. Students will learn to apply generalist social work practice skills and the planned change process to practice with individuals and families. This course provides students an understanding of social work practice theories, social work ethics and values and interpersonal skills and assessment skills.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: For BSW Majors: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies. For Social Work Minors: SOCW 2215, 2500 and 2700.

SOCW 3250 - Social Work and Mental Health (3 credits)
This course is an introduction to mental health in correlation with relevant social issues. It provides students with an overview of the mental health system in relation to mental health across the life cycle, connection with other community systems, and work with clients. An introduction to the most recent Diagnostic and Statistical Manual of Mental Disorders (DSM) will be provided.
Lecture Hours: 3. Prerequisite: PSYC 1101, SOCI 1101, SOCW 2215.

SOCW 3300 - Social Work Practice with Groups (3)
This course provides students with a foundational understanding of generalist theories, knowledge, values, and skills for evidence-based social work practice with groups. Students will develop, analyze, and apply basic knowledge and skills in the assessment and application of interventions with groups. Topics include social work practice with groups, working with diverse groups and vulnerable populations, and stages of group development.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 3350 - Social Work Across the Healthcare Continuum (3)
This course provides an overview of generalist social work across the healthcare continuum. Students learn practice skills specific to healthcare social work including biopsychosocial assessment, chart documentation, and discharge planning. Special consideration is given to the history of medical social work, structure of health care delivery systems, professional ethics, and diverse populations. This course is worth 3 credit hours
Lecture Hours: 3. Lab Hours: 0. Prerequisite: PSYC 1101, SOCW 2215.

SOCW 3400 - Practice Lab I- Individuals, Families and Groups (3)
This course is an experiential supplement to SOCW 3000, SOCW 3100, SOCW 3200 and SOCW 3300 and is intended to provide students with the opportunity to develop their use of direct practice skills with individuals, families and groups. Students will engage in simulated case practice in order to synthesize and apply direct practice content related to cultural responsiveness, ethical practice, practice skills, and human behavior in the social environment.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 3500 - Social Work Practice with Communities and Organizations (3)
This course provides a foundation for students to practice within communities and organizations, and challenges students to understand their role as a change agent. Students will develop knowledge and values for working with groups, organizations and communities to effect social change.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 3600 - Social Work Research Methods (3)
The purpose of this foundational course is to assist students in gaining basic knowledge of general research methods useful in social work settings across various populations and modalities. Throughout the course, students will learn to identify important concepts including hypotheses, research designs and specific research topics. Special focus will be given to social work and related ethics and their application to research.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 3700 - Social Work Policy Practice (3)
This course prepares students with the knowledge, skills, and values necessary to engage in generalist-level social work policy practice and roles. Special attention is paid to ethics and the social, cultural, economic, and political influences on the current social welfare system and public policy.

Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 3800 - Practice Lab II - Change in Organizations and Communities (3)
This course is an experiential supplement to SOCW 3500, 3600, and 3700 and is intended to provide students with the opportunity to apply their developing macro, policy, and research knowledge and practice skills to communities and organizations. Students engage in community-based experiential learning requiring student efforts outside of the classroom.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 4000 - Direct Social Work Practice II (3)
This is course is a continuation of Direct Practice I and provides students with an advancement of knowledge and skills needed for generalist direct social work practice. Special attention is given to ethical and evidence-based direct practice with individuals, families and groups. Students will draw from the field practicum experience to apply ethics and values, solve ethical dilemmas, consider evidence for practice, and evaluate practice through single systems design and group methods.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 4010 - Children in Crises (3)
The overall goal of this course is to equip students with appropriate theoretical frameworks and information for understanding the needs and issues involved in serving children at risk. The purpose of this course is to investigate the impact of trauma and stressors on the lives of preschoolers, children and adolescents. The objectives include providing an examination of empirical research findings on the nature and etiology of various risk factors. Students will learn to assess familial and societal factors that contribute to and ameliorate risk from a General Family System theoretical perspective. Developmental crises, situational crises and crises of loss will be addressed. Current prevention and intervention strategies will also be explored toward the goal of strengthening families to provide nurturing and supportive environments for children.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: PSYC 1101, PSYC 2103, and SOCW 2215 with a C or higher..

SOCW 4220 - Family Violence and Abuse (3 credits)
An examination of the causes, consequences, prevalence of domestic violence and abuse, and law enforcement response.
Lecture Hours: 3 hours. Prerequisite: SOCI 1101 and SOCI 1160 with a C or higher. Cross-Listed as: CRJU 4220.

SOCW 4300 - Social Work Practicum & Seminar I (6)
In this first generalist field experience, students will complete 200 hours of field experience and attend a weekly seminar. Under the supervision of an experienced agency field instructor, students will develop, integrate and apply generalist level social work knowledge, practice skills and values and ethics with individuals, families, groups, organizations, and communities. Students, agency supervisors and faculty field instructors will plan activities that support the development of generalist skills as specified in individualized student learning contracts. Students will further develop their ability to assume a variety of social work roles, responsibilities, and work with diverse populations. Note: This course includes 200 hours of fieldwork.
Lecture Hours: 6. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 4500 - Organizational and Community Change (3)
A continuation of Social Work Practice with Communities and Organizations, this course provides students with an advancement of knowledge and skills needed to practice within community and organizational environments. This course emphasizes ethics and evidence-based skills for program planning, program evaluation and grant funding. Students will apply skills within their field practicum to identify a macro need that would assist the agency and/or larger community and population.
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SOCW 4600 - Social Work Practicum & Seminar II (6)
This generalist field experience is a continuation of the first generalist field course. In this course, students will also complete 200 hours of field experience and attend a weekly seminar. Under the supervision of an experienced agency field instructor, students will develop, integrate and apply generalist level social work knowledge, practice skills and values and ethics with individuals, families, groups, organizations, and communities. Students, agency supervisors and faculty field instructors will plan activities that support the development of generalist skills as specified in individualized student learning contracts. Students will continue to develop their ability to assume a variety of social work roles, responsibilities, and work with diverse populations. Note: This course includes 200 hours of fieldwork.
Lecture Hours: 6. Lab Hours: 0. Prerequisite: Formal acceptance into the Bachelor of Social Work Program and adherence to program progression policies..

SPAN - Spanish

SPAN 1001 - Elementary Spanish I (3 credits)
This is an introductory course in which students will develop basic communication skills in Spanish, including listening, speaking, reading, and writing. Students will also be introduced to Hispanic culture.
Students who have completed two or more years of high school Spanish should refer to the placement policy for language courses.
Lecture Hours: 3 hours.

SPAN 1002 - Elementary Spanish II (3 credits)
This is a continuation of SPAN 1001 in which students will further develop basic communication skills in Spanish, including listening, speaking, reading, and writing, and learn about Hispanic culture.
Limitations Note: Students who have completed two or more years of high school Spanish should refer to the placement policy for language courses.
Lecture Hours: 3 hours. Prerequisite: At least a ‘C’ in SPAN 1001 or placement test.

SPAN 1005 - Accelerated Elementary Spanish (3)
Accelerated course that offers a review of the basic communication skills in Spanish covered in SPAN 1001 and SPAN 1002, including listening, speaking, reading, and writing. The course will also cover aspects of Hispanic culture.
This course is ideal for students who have a background in Spanish but need a review prior to moving to SPAN 2001, Intermediate Spanish I. Students who take SPAN 1005 cannot take SPAN 1001 or SPAN 1002.

Note: It is important for students to be assessed by a Spanish Professor before enrolling in this class if they do not previously have a passing grade of C or better in a SPAN 1002 they took 2 or more years ago.
Note 2: *Placement Policy for Language Courses* (see catalog)
Lecture Hours: 3. Lab Hours: 0. Prerequisite: Permission from a language advisor.

SPAN 2001 - Intermediate Spanish I (3 credits)
A continuation of the development of proficiency in the language skills, which include listening, speaking, reading, and writing. Students will be exposed to discussion in Spanish, written compositions, selected literary works, and Hispanic culture.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 1002 or permission of instructor.

SPAN 2002 - Intermediate Spanish II (3 credits)
A continuation of SPAN 2001 utilizing language skills in listening, speaking, reading, and writing. Students will further be exposed to discussion in Spanish, written compositions, selected literary works, and Hispanic culture to prepare students for upper level Spanish courses.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 2001 or permission of instructor.

SPAN 2998 - Intermediate Study Abroad I (3 credits)
This course covers Spanish study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for one course of intermediate study abroad and can only be taken once.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 1002 or permission of instructor.

SPAN 2999 - Intermediate Study Abroad II (3 credits)
This course covers Spanish study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for a second course of intermediate study abroad and can only be taken once.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 1002 or permission of instructor.

SPAN 3001 - Grammar and Composition (3 credits)
This course provides a study of advanced grammar and writing practice including methods and strategies of summary, description, narration, exposition, and argumentation. This course teaches writing as a process that integrates a variety of elements such as grammar vocabulary, style, content, and organization.
May be taken concurrently with SPAN 3003
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 2002 or permission of instructor. .

SPAN 3002 - Language and Culture (3 credits)
This course includes reading, understanding, and analyzing communication patterns and paralinguistic aspects of spoken Spanish. Students will also learn about everyday life in Spanish speaking countries through cultural readings that include information about culture and language usage within cultural contexts. Video and multimedia materials will be utilized.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 3001 or permission of instructor.

SPAN 3003 - Conversation I (3 credits)
This course provides oral and listening comprehension practice using communicative activities such as in-class discussions, oral presentations, reading exercises, and group work. Authentic materials may be incorporated.
May be taken concurrently with SPAN 3001
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 2002 or permission of instructor..

SPAN 3004 - Introduction to Spanish for Business (3 credits)
This course will provide students with a solid foundation of vocabulary and discourse related to functional business areas such as organization of a company structure, management, banking, accounting, capital investment, personnel, office systems, production of goods and services, marketing, and finance.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 2002 or permission of instructor.

SPAN 3006 - Peninsular Spanish Civilization and Culture (3 credits)
This course studies peninsular Spanish civilization and culture from prehistory to present day by examining the historical, social, political, and artistic aspects of Spain.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 2002 or permission of instructor.

SPAN 3007 - The Cultures of Spanish America (3 credits)
This course studies Spanish American civilizations and cultures from the Pre-Columbian era to the present by examining the historical, social, political, and artistic aspects of Spanish America.
Lecture Hours: 3. Prerequisite: At least a C in SPAN 2002 or permission of instructor .

SPAN 3111 - Approaching Hispanic Literature (3 credits)
This is a survey course which studies Hispanic literature, including narrative, poetry, and theater. Conducted in Spanish.
Lecture Hours: 3. Prerequisite: At least a C in SPAN 2002 or permission of instructor.

SPAN 3998 - Advanced Study Abroad I (3 credits)
This course covers Spanish study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for one course of advanced study abroad and can only be taken once.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 2002 or permission of instructor.

SPAN 3999 - Advanced Study Abroad II (3 credits)
This course covers Spanish study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for a second course of advanced study abroad and can only be taken once.
Lecture Hours: 3 hours. Prerequisite: At least a C in SPAN 2002 or permission of instructor.

SPAN 4999 - Special Topics (3 credits)
This course is a study of a selected theme in Hispanic culture, literature, film, and/or the Spanish language. Taught in Spanish. May be repeated for credit.

Prerequisite: At least a C in SPAN 3001 and SPAN 3003 or permission of instructor.

SPED - Special Education

SPED 3110 - Introduction to the Exception Learner (3 credits)
In this course, teacher candidates will be introduced to the field of special education, children and youth with exceptional learning needs, and students who are at risk. Topics include the legal foundation for special education, professional and ethical practices, IEP process, diagnostic and intervention practices, the referral and placement process, collaboration with families, community, and professionals, characteristics of students with exceptionalities, and various instructional methods. The use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 3 hours.

SPED 4110 - Program Planning for Exceptional Learners (3 credits)
In this course, teacher candidates will learn to address the individual needs of P-5 students with exceptionalities. Topics include the IEP process, assessing P-5 student needs, the continuum of placements and services, family systems, professional and ethical practices, instructional planning, and collaboration. The use of technology is required. This course is aligned with state and national standards.
Lecture Hours: 3 hours. Prerequisite: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Points 1, 2 & 3 and hold a valid Pre-Service Certificate.

SSCI - Social Sciences

SSCI 1003 - Perspectives on Diversity (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to diversity. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of diversity and to gain experience in developing and presenting original arguments in oral forms. This course is designed to assist students in exploring diversity and multiculturalism in recent times in America. Students will be challenged to engage in critical thinking as they examine their values to determine their degrees of self-acceptance as well as the acceptance of others and to identify and examine diverse cultures. Topics will include ethnocentrism and multiculturalism, inclusion and exclusion in education, politics, religion and the media, intercultural interacting, and an examination of various cultures. Critical thinking will be exercised as students are encouraged to examine myths and stereotypes.
Lecture Hours: 4 hours.

SSCI 1004 - Perspectives on American Religious Diversity (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to American religious diversity. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to religious diversity and to gain experience in developing and presenting original arguments in oral forms. This course explores the diversity of religious expression in the United States. Using historical and sociological perspectives, discussion will center on America's diverse religious groups, and on religious perspectives in American popular culture. The theme of this course is that religion is influential in America, not only in its institutional expressions (churches, synagogues, mosques, etc.), but also in secular life (film, music, sports, etc.).
Lecture Hours: 4 hours.

SSCI 1009 - Perspectives on Global Cultures (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to the social transformations of global culture. The course includes an online Critical Thinking and Oral Communication (CTOC) component. Traditional classroom work will explore the topics of global population shifts, changing cultural identities, economic challenges resulting from these changes, and how these topics are depicted in various media. The course offers an opportunity for students to apply critical thinking skills to these global transformations and to gain experience in developing and presenting original arguments in oral forms.
Lecture Hours: 4 hours. Cross-Listed as: HUMN 1009.

SURV - Surveying

THEA - Theatre

THEA 1010 - Perspectives on Theatre (4 credits)
This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to perspectives on theatre. The course includes an online Critical Thinking and Oral Communications (CTOC) component. In addition, traditional classroom work will explore a wide range of topics that define social and political transformations and conflicts as enacted in theatrical narratives. This course additionally offers an opportunity for students to apply critical thinking skills to theatre issues and to gain experience in developing and presenting original arguments in oral forms.
Lecture Hours: 4 hours.

THEA 1100 - Theatre Appreciation (3 credits)
Survey and critical appreciation of theatre, providing the basis for the history of theatre and drama as a fine art.
Lecture Hours: 3 hours.

THEA 1110 - Play Production (1 credits)
Opportunity open to any student by tryout or major work to qualify as a crew member or actor as designated by the director.
Note: Course may be repeated for credit.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

THEA 1111 - Play Production (1 credits)
Opportunity open to any student by tryout or major work to qualify as a crew member or actor as designated by the director.
Note: Course may be repeated for credit.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

THEA 1112 - Play Production (1 credits)
Opportunity open to any student by tryout or major work to qualify as a crew member or actor as designated by the director.
Note: Course may be repeated for credit.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

THEA 2201 - Directing Theatre (3 credits)
Stage directing is designed to introduce a student to the process of selection, research, conception, casting, rehearsing, and staging of a play. This is a lecture-laboratory course designed to give the student theoretical knowledge and practical experience in theatre production and play directing.

Lecture Hours: 3 hours. Lab Hours: 0 hours. Prerequisite: Permission of instructor.

THEA 2210 - Play Production (1 credits)
Opportunity open to any student by tryout or major work to qualify as a crew member or actor as designated by the director.
Note: Course may be repeated for credit.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

THEA 2211 - Play Production (1 credits)
Opportunity open to any student by tryout or major work to qualify as a crew member or actor as designated by the director.
Note: Course may be repeated for credit.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

THEA 2212 - Play Production (1 credits)
Opportunity open to any student by tryout or major work to qualify as a crew member or actor as designated by the director.
Note: Course may be repeated for credit.
Lecture Hours: 0 hours. Lab Hours: 2 hours.

THEA 2223 - Script Analysis (3 credits)
This course is designed to familiarize students with the basic tools of play analysis through reading, lecture, discussion, and analysis. The student will become familiar with the necessary vocabulary, methods, and skills for analyzing play scripts.

Lecture Hours: 3 hours. Lab Hours: 0 hours. Prerequisite: THEA 2201.

THEA 2305 - Elements of Theatrical Design (3)
Introduction to the elements, principles, and techniques of design for contemporary performing arts, including the design and practice of scenery, lighting, costume, and sound.
Lecture Hours: 2. Lab Hours: 2.

THEA 2400 - Beginning Acting (3 credits)
Introduction to fundamentals of acting techniques. Class lectures, exercises, scene study, and reports. Individual and group assignments of various acting techniques and procedures. Each student is required to participate in play production.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

THEA 2401 - Advanced Acting (3 credits)
This course is designed to continue the development of the acting instrument. Students will work on advanced scene work, choosing and preparing monologues, and cold readings of monologues and scenes. In addition, voice and movement capabilities, mind-body coordination, imagination and discipline, expanding tactical ranges, a sense of timing and presentational skills will be developed.

Lecture Hours: 3 hours. Lab Hours: 0 hours. Prerequisite: THEA 2400 or permission of instructor.

THEA 2500 - Stagecraft: Scene Building and Painting (3 credits)
Introduction to the arts of the theatre with emphasis on planning stage settings. Drafting assignments and laboratory work in technical crews of college productions are required.
Lecture Hours: 3 hours. Lab Hours: 0 hours.

THEA 3201 - Directing I (3)
Students will learn the basic concepts and approaches to directing, including the casting process, effective rehearsal techniques and synthesizing the required elements for successful performance. The class is based on the belief that every script is open to a variety of interpretations that may be best explored and developed collaboratively with an ensemble of actors, designers, and others. Students will learn how to define and shape the core action of scenes and short plays by controlling a variety of textual and visceral elements, and develop their verbal, written, and interpersonal skills as a means to achieve their visions.
Lecture Hours: 3. Lab Hours: 0.

THEA 3223 - SCRIPT ANALYSIS I (3)
This course will develop essential skills for actors, directors, dramaturgs and designers to prepare a wide range of scripts for rehearsal and production. Students will learn to identify and interpret the building blocks of dramatic action: structure, given circumstances, character, relationships, action, language, tempo, rhythm, and environment. Students will acquire and apply a shared language and analytical processes and work on improving their ability to communicate ideas about staging plays.
Lecture Hours: 3. Lab Hours: 0.

THEA 3301 - STAGE MANAGEMENT (3)
The course will focus on the skills and mechanics necessary to contribute to the production process as a stage manager with a focus on organization, leadership and communication. It will equip students with the practical skills and knowledge necessary to be a vital member of the production process.
Lecture Hours: 3. Lab Hours: 0.

THEA 3510 - Scenic Design Studio (3)
Study of theory and practice of theatrical scene design. May be repeated once for credit. Prerequisite: THEA 2305
Lecture Hours: 2. Lab Hours: 2. Prerequisite: THEA 2305.

THEA 3520 - Costume Design Studio (3)
Theory and practice of costume design for technical production. May be repeated twice for credit.
Lecture Hours: 2. Lab Hours: 2. Prerequisite: THEA 2035.

THEA 3530 - Lighting Design Studio (3)
Study of the theory, process, and practice in lighting design for theatre, opera, and dance. May be repeated once for credit.
Lecture Hours: 2. Lab Hours: 2. Prerequisite: THEA 2305.

THEA 3540 - Sound Design Studio (3)
An exploration of the concepts and techniques of sound design for live performance structured around the typical workflow of a sound designer for a theatrical production. May be repeated once for credit.
Lecture Hours: 2. Lab Hours: 2. Prerequisite: THEA 2305.

THEA 4000 - Topics in Theater Design/Technology (3)
An investigation of advanced topics such as design theory, specific design styles or approaches, rendering techniques, draping and patterning, costume crafts, digital technologies, etc. Topic varies. May be repeated up to three times for credit.

Lecture Hours: 2. Lab Hours: 2. Prerequisite: THEA 2305.

Personnel

Administration and Staff of the University

Christopher Blake, Ph.D., President

Office of the President

President Christopher Blake, Ph.D., President
Ember Bishop Bentley, M.P.A., Chief of Staff & Government Relations Officer
Rose Patti, M.S.Acct., CPA, Internal Auditor
Renee Rainey, J.D., University Counsel

Carey Wimberly, B.B.A., Executive Assistant to the President
Nixi Chavez Gonzalez, B. B. A., Senior Events Coordinator and Project Manager
Kevin Cantwell, Ph. D., Special Assistant to the President for Institutional Effectiveness

Office of Marketing and Communications

Cheryl Carty, Chief Marketing and Communications Officer

Rick Devens, Director of Communications
Renee Pearman, Director of Marketing
Sheron Smith, Communications Coordinator
Patrick Rule, Graphic Designer
Anna Lipson, Graphic Designer
Alexandria Brooks, Communications Specialist
Open, Digital Communications Strategist

Office of University Advancement

Mary McDonald, Vice President of University Advancement and Executive Director, MGA Foundation

Office of University Advancement and Alumni Affairs

Wendi Allen, Advancement Services Coordinator
Julie Davis, Executive Director of Development
Keisha N. Fields, Stewardship Coordinator
Blake Harrison, Director of Annual Giving
Lynn Hobbs, Foundation Accountant
Natalie Rischbieter, Director of Alumni Relations
Vacant, Administrative Coordinator
Vacant, Director of Development

Division of Academic Affairs

David Jenks, Ph.D., Provost

Office of Institutional Research and Data Strategy

Chris Tsavatewa, M.P.H., Director of Institutional Effectiveness
Samantha Boswell, B.A., Associate Director of Institutional Research and Student Success
April Gregg, B.S., Data Analyst
Beverly H. Bergman, B.S., Director of Enterprise Information Systems
Richard Burnam, B.S., Programmer/Analyst
Greg Miller, B.S.E., Systems Support Specialist III
McKay Sawyer, B.S., Programmer

Office of the Provost

David Jenks, Ph.D., Provost

Deepa Arora, Ph.D., Associate Provost
Rod McRae, Ed.D., Assistant Provost for Faulty Development
Jennifer Jones, A.A., Academic Affairs Operations Manager

Office of Technology Resources

Geoffrey Dyer, M.M.I.S., Chief Information Officer
Shaun Bohannon, B.S., Director of IT Services
Tommy Davis, B.B.A., Director of Network Services
Joel Morgan, B.B.A., Chief Information Security Officer
Kris Rickerson, B.B.A., Director of Enterprise Systems Management

Ousainou Adenyi, B.S., Systems Support Specialist I
Jonathan Almendras, A.A., System Administrator I
Jon Coder, M.A., AV Coordinator
Cody Gill, Systems Support Specialist I
Desmond Howard, AV Support Specialist I
Ciara Highsmith, B.S., System Support Specialist I
Derrick Hunter, M.S., Campus Support Tech Coordinator - Eastman
Kelly Jones, M.S.I.T., Systems Administrator III
Scotty Kight, Campus Support Tech Coordinator - Dublin
Andrew Lenard, B.S., LMS Administrator
Phillip Lux, B.A., Application Developer II
Adam McGuire, B.S., Network Administrator
Cliff Moncrief, Systems Administrator II
Jonathan Rainer, B.B.A., Systems Support Specialist I
Katie Roberts, M.A., Systems Support Specialist I
Douglas Smalley, M.S.I.T., Systems Administrator I
Peter Strosahl, B.S., Campus Support Tech Coordinator – Warner Robins
Nancy Turknett, B.B.A., Systems Support Specialist I – Helpdesk
John Thompson, B.S., Information Security Officer

Student Success Center

Brock Giddens, B.B.A., MSIT, Director of Student Success Center, Cochran Campus SSC
Jeannie Ruggerio, B.B.A., M.P.A., Student Success Coordinator, Warner Robins Campus SSC
Sandy Callaway, B.S., M.B.A., Academic Support Specialist, Warner Robins Campus SSC
G. Paul Johnson, B.A., M. B. A., Student Success Coordinator, Macon Campus SSC
Devon Raleigh, MSIT, Academic Support Specialist, Macon Campus, SSC

Library

Tamatha Lambert, M.S.L.S., University Librarian
Ann Williams, M.L.I.S., Assistant Director of Library Services, Cochran and Eastman
April Warren, M.L.I.S., Catalog Librarian, Macon/Cochran
Dana Casper, M.L.I.S., Graduate Studies Librarian, Macon
Gilbert Deas, M.L.I.S., Reference/Instruction Librarian, Warner Robins
Ann Marie Fabian, M.L.I.S., Reference/Instruction Librarian, Cochran
Bonita Tharpe, Library Assistant, Circulation/Reserves, Macon
Elizabeth Ruff, Library Assistant, Serials/Interlibrary Loan, Macon

Brandi McDonough, Library Business Assistant, Technical Services, Macon
Tammy Coody, Library Business Assistant, Cochran
Paul Warren, Library Assistant, Serials/Interlibrary Loan, Cochran
Ebony Lucas, Library Assistant, Dublin
Amy Winfrey, M.L.I.S., Assistant Director of Library Services, Warner Robins and Dublin
Abbie Holmes, M.L.I.S., Reference and Instruction Librarian, Macon
Deborah Stanfield, M.L.I.S.,Instruction and Engagement Librarian, Cochran

Division of Finance and Operations

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Budget and Auxiliary Services

Amanda Funches, MAcc, Interim Vice President, Finance & Business
Millie Parke, MPA, Director of Auxiliary Services
Shane Allen, MSM, Assistant Director, Budget & Auxiliary Services
Leigh Ann Tate, MAcc, Financial Analyst I
Jessica Hall, Director of Campus Stores
Cristina Mayer, Director of Robert F. Hatcher Sr. Conference Center

Bursar's Office

Ana Evans, M.B.A., Bursar
Emmy Callis, Student Accounts Lead
Michelle Webb, Student Account Assistant II
Shonda Brown, Student Accounts Assistant I
Maxine Bembridge, Student Accounts Assistant I
Suzanne Julson, Student Accounts Assistant I
Lindsey Waites, B.S., Student Accounts Assistant III

Office of Finance – Administration and Reporting

Brian Stanley, M.B.A, C.P.A., Executive Director, Finance
Lori Howard, M.B.A, P.M.P, Manager, Grants and Contracts
Christy Colvin, M.B.A., Director, Finance
Amy Ingram, M.S.M., Campus Financial Services Manager

Human Resources

Pamela Booker, Executive Director of Human Resources
Tonya Johnson, Human Resources Manager
Charloa Richardson, Human Resources Generalist
Rudy Allen, Human Resources Specialist
Tiffany Leslie, Human Resources Generalist
Dawn Snyder, B.S., Payroll Assistant
Amanda Register, Payroll Manager

Public Safety and Risk Management

J. Tripp Mitchell, Executive Director of Public Safety and Risk Management
Shane Roland, Assistant Chief of Police
Stephanie Lampp, Captain
Trish Norwood, Public Safety Operations Manager

Facilities

David Sims, B.S., Assistant Vice President Facilities
Trey Crisp, Multi-Campus Facilities Director (Macon & Warner Robins)
Brian Harrell, Multi-Campus Facilities Director (Cochran, Dublin, & Eastman)
Barry Newton, Campus Facilities Manager - Dublin
Roy Woods, Campus Facilities Manager - Cochran
Gary Pergande, Campus Facilities Manager - Macon
Neil Obenauf, Campus Facilities Manager - Warner Robins
Laura Gay, A.S., Director of Facilities Administration - Macon
Frederick Hill, A.S., Utilities Specialist
Christy Barlow, Administrative Assistant - Cochran
Patricia Smith, Administrative Assistant - Macon
Markel Reid, Facilities Business Assistant - Macon

Division of Enrollment Management

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Office of Strategic Partnership

Tabitha Chapman, Enrollment Management Coordinator
Lisa George, Enrollment Support
Dr. Melinda Robinson-Moffett, Assistant Vice President for Enrollment Management

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Joanna Brown, Admissions Assistant I
Janel Carmel, Administrative Assistant
Alexandra Cherry, Admissions Specialist I
Geraldine Davis, Admissions Specialist I
Christin Dee, Admissions Specialist I
Jeremy Edmond, Coordinator of Orientation
Joanna Freligh, Recruiter I
Taylor Hudock, Recruiter I
Thomasa Negron, Admissions Specialist III
Wesley Sewell, Recruiter II
Stacie Starley, Admissions Assistant II
Laura Terrell, Associate Director of Strategic Enrollment
Elisabeth Travis, Admissions Specialist
Ryan Tucker, Assistant Director
Margo Woodham, Executive Director of Admissions & Orientation

Enrollment Operations

Dian Mitchell, Vice President of Enrollment Operations

Office of Financial Aid

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Erika Clark, M.Ed., Assistant Director of Financial Aid
Faith Anderson, M.P.A., Assistant Director of Financial Aid
Tony Piper, B.B.A., Financial Aid Operations Manager
Starlar Sanford, B.S., Financial Aid Technical Manager

Office of the Registrar

Angela O'Neal, MBA., University Registrar
Estella Dennard, M.S., Assistant Registrar
Carolyn Clark, M.A., Assistant Registrar/Veteran Certifying Official
TBA , Veteran Certification Specialist
Yulonda Banks, M.S., Graduation Coordinator

Daphne Murchison, Transfer Evaluation Specialist
Cala Johnson, Transfer Evaluation Specialist
Imelda Salinas, Customer Service Representative, Macon
TBA ,Customer Service Representative, Macon
Josten Roberts, Records Retention Specialist
Rachel Podwolsky, M.S., Curriculum Catalog and Student Services Specialist

Monique Shine, B.A., Student Success Coordinator

Division of Student Affairs

Jennifer Brannon, Ed.D., Vice President for Student Affairs

Office of Student Affairs

Michael Stewart, Ed.D., Associate Vice President for Student Affairs/Chief Student Conduct Officer

Counseling and Accessibility Services

Predita Howard, M.S., L.P.C., ACS, Director of Counseling Services & Accessibility Services
Allen Chastain, M.Ed, Director of Accessibility Services
Ruth Hagemann, M.A., L.P.C., ACS, Counselor
Victoria Esnault, M.S., L.P.C., Mental Health Counselor
Azizza Pitts, M.S., L.P.C., Mental Health Counselor
Alicia Walker, MS, Accessibility Specialist

Center for Career and Leadership Development (CS)

Mary Roberts, Ed.D., Executive Director of Career & Leadership Development
Heather McIntosh, Ed.D., Assistant Director, Internships & Career Readiness
Rafael Villamil, M.Ed., GCDF, Coordinator for Student Leadership Programs
Debra Mainor, MPA, Career Advisor for Cochran and Eastman
Barneika Williams, Career Advisor for Macon and Warner Robins

Diversity Equity and Inclusion Office Title IX

Jenia Bacote, J.D., Director of Diversity, Equity, & Inclusion/Title IX Coordinator

Student Health Services

Autumn Lucas, N.P., Director of Student Health Services/Nurse Practitioner
Erin Garner N.P., Nurse Practitioner
Sara Darsey, Administrative Secretary

Athletic and Wellness

Jason Williams, Interim Director of Athletics and Recreation
Bill Hervey, Faculty Athletic Representative
Ethan Money, Sports Information Director
Gayla Adcock, M. Ed/ATCLAT., Head Athletic Trainer
Jeremy Fish, B.S., Coordinator of the Wellness Center and Intramural Sports
Paul Knight, M.S.S., Head Baseball Coach
Mark Hernandez, Assistant Baseball Coach
Allie Arrington, Equestrian
Victor Hall, Head Club Football Coach
Scott Moe, M. Ed., Head Men's Basketball Coach
Chris Ryan, Assistant Men's Basketball Coach
Cedric Jordan, Assistant Men's Basketball Coach
Scott Henderson, Head Men's Soccer Coach
Tom Bates, MBA, Head Men's and Women's Tennis Coach
Santino Romeo, Assistant Men's and Women's Tennis Coach
Becca Hewitt, Head Softball Coach
Jaimie Welch, Softball Manager
Caroline Williams, Assistant Softball Coach
Anderson Ligon, MBA, Head Women's Basketball Coach
Taylor Fulton, Assistant Women's Basketball Coach
Shantrell Swan, Women's Basketball Manager
Vincent Gill, M.A., Head Women's Soccer Coach
Tui Tuionuu, Head Women's Volleyball Coach
Scott Hutchinson, Head Cross Country Coach

Residence Life

Jennifer L. Shinpaugh, M.Ed., Director of Residence Life
Thomasia Jefferson-Davis, M.Ed., Assistant Director of Housing Operations
Shuntell Turner, M. Ed, Assistant Director of Residence Life
Frederick Alexander, B.S., Residence Life Coordinator
Lorin Ballog, B.S., Residence Life Coordinator
Hope Fuqua-Duskin, B.A., Residence Life Coordinator
Austin Goolsby, MPA, Residence Life Coordinator
Jeffrey Jackson, B.F.A., Residence Life Coordinator
Lenora Rozier, B.S., Housing Assistant
Kamy Shah, M.S. IT, Residence Life Coordinator
Kiandra Thomas, M.Ed., Housing Assistant
Charlita Wynn, M.S. IT, Residence Life Coordinator

Student Life Office

Corey Guyton, Ph.D., Director of Student Engagement
Christy Faulk, B.S., Coordinator of Student Services
Devereaux Lindsey, MPA, Coordinator of Student Services
Hannah Thomas, B.A., Coordinator of Student Services
Ashley Thompson, M.Ed., Coordinator of Student Services

Testing Services

Diane Goodman, Director of Testing Services
Nathan Long, Assistant Director of Testing Services

Academic Deans, Chairs, and Staff

Office of Graduate Studies

Loretta Clayton, Ph.D., Interim Dean of Graduate Studies and Professor of English
Drew McIntosh, Graduate Admissions Coordinator
TBA Graduate Enrollment Support Specialist

School of Arts and Letters

Mary Wearn, Ph.D., Dean and Professor of English
Amy Berke, Ph.D., Associate Dean and Professor of English
Connie Jenkins, Academic Advisor
Terri Reckart, M.P.S., Academic Advisor
Colby Long, Academic Advisor
Nancy Tucker, Administrative Secretary

Department of English

Benita Muth Ph.D., Chair and Professor of English
Christopher Cairney, Ph.D., Assistant Chair and Professor of English
Wanda Green, Administrative Secretary
Cindy Hardy, Administrative Secretary

Department of History

Matthew Zimmerman, Ph.D., Chair and Associate Professor of History

Department of Media, Culture, and the Arts

Sheree' Keith, Ph.D., Chair and Professor of Communication
Rebecca Lanning, D.P.A., Assistant Chair and Professor of Music
Heatherly Wakefield, Administrative Secretary
Cindy Hardy, Administrative Secretary

School of Aviation

Adon Clark, M.B.A. Dean and Associate Professor of Aviation
Ed Weathersbee, M.Ed., Associate Dean and Associate Professor of Aviation
Anna Gillingham, Academic Advisor
Heather Behrends, Academic Advisor
Julie Holloway, Administrative Coordinator
Andrea Yawn, Campus Services Coordinator

Department of Aviation Maintenance and Structural Technology

Martin Kehayes, B.S., Chair and Senior Lecturer of Aviation

Department of Aviation Science and Management

Ed Weathersbee, M.Ed., Chair, Associate Dean and Associate Professor of Aviation

School of Business

Marc Miller Ph.D., Interim Dean and Professor
Champione Burley, Academic Advisor
Ashley Vinson, Academic Advisor
Amanda Howie, Administrative Assistant
Korinda Johnson, Academic Advisor

Department of Management and Marketing

TBD, Chair and Associate Professor of Management

Department of Accounting and Finance

TBD, Chair and Professor of Accounting

Department of Health Services Administration

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School of Education and Behavioral Sciences

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Heyam Dannawi, Academic Advisor
Sonja Rivers, Academic Advisor
Chad Dent, Administrative Assistant

Department of Political Science

Chris Lawrence, Ph.D., Chair and Associate Professor of Political Science

Department of Psychology and Criminal Justice

Paul Gladden, Ph.D., Chair and Associate Professor of Psychology
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Rhonda Amerson, Ed.D., Chair and Associate Professor of Education
Christine Caesar, Admissions and Certification Officer

School of Health and Natural Sciences

Tara Underwood, Ed.D., Dean and Professor of Health Services
Eric Sun, Ph.D., Associate Dean and Professor of Biology
Sandy Little-Herring, Academic Advisor
Hye Jin Urban, Academic Advisor
Sara Wingate, Academic Advisor
Kanesha Grace, Academic Advisor
Angela Brice, Secretary

Department of Natural Sciences

Dawn Sherry, Ph.D., Chair and Professor of Biology
Donna Balding, Ph.D., Assistant Chair and Professor of Biology
Christie Canady, M.S., Assistant Chair and Associate Professor of Biology
Lita Holloway, Administrative Secretary

Department of Nursing

Donna Ingram, DNP, Chair and Associate Professor of Nursing
Jean Hubbard, Secretary
Devony Whitehead, Secretary

Department of Rehabilitation Science

Betsy McDaniel, Chair
Jamie Loyd, Secretary

Department of Respiratory Therapy

Teri Miller, M.Ed., Chair and Associate Professor of Respiratory Therapy
Angela Brice, Secretary

School of Computing

Alex Koohang, Ph.D., Dean, Peyton Anderson Eminent Scholar and Endowed Chair. Professor of Information Technology
Kevin S. Floyd, Ed.D., Associate Dean and Professor of Information Technology
Brooke Ingram, M.S., Coordinator of Academic Program Quality

Kendall Thompson, Administrative Assistant

Department of Information Technology

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Rose Brown, Administrative Assistant
Tricia Purser, B.S., M.P.A., Professional Advisor

Department of Mathematics and Statistics

Barry Monk, Ph.D., Interim Chair and Professor of Mathematics
Hannah Upperman, M.S., Program Coordinator and Assistant Professor of Mathematics
Noha El-Jeaid, Administrative Secretary
Ruby Allen, Administrative Secretary
Deneice Bausley, Academic Advisor

Full-Time Faculty

ACHATZ, TYLER, Assistant Professor of Biology; B.S., Portland State University, M.S. Minnesota State University, Ph.D. University of North Dakota; 2016, 2021
ADAMS, ANGELA DENISE, Assistant Professor of Nursing; DNP, Georgia Southern; MSN - FNP, Walden University; 2018
ADAMS-SQUARE, GRACE, Assistant Professor of Political Science; B.A., Indiana University Northwest; M.Ed., University of Toledo; 2011, 2018
ADHIKARI, UPENDRA, Assistant Professor of Chemistry; B.S., M.S. Tribhuvan University; Ph.D. Utah State University; 2008, 2014
AGNEW, CHARLIE M., Professor of Art; B.A., Bluefield College; M.F.A., University of Memphis; 2004, 2010
AIKEN, CHARLES F., Assistant Professor of Marketing; B.B.A., M.B.A., Columbus State University; 2003, 2015
AMERSON, RHONDA M., Associate Professor of Middle Grades Education; Chair, Department of Teacher Education and Social Work; M.Ed. Georgia Southern University; Ed.S. Georgia Southern University; Ed.D. Georgia Southern University; 2014, 2020
ANDREWS, REX S., Assistant Professor of Aviation Science and Management; B.S., M.S., Embry Riddle Aeronautical University, Daytona Beach; 2018
ARORA, DEEPA, Professor of Biology; Associate Provost; B.S., M.S., Lady Irwin College, University of Delhi; Ph.D., Medical College of Pennsylvania; 2009, 2012
ASHFORD, TINA K., Associate Professor of Information Technology; B.S., Drury College; M.A., Webster University; 1998, 2005
BAKER, ADRIAN, Assistant Professor of Rehabilitation Science; B.S., Valdosta State University; Doctor of Physical Therapy, University of St. Augustine; 2021
BAKER, CHARLA N., Professor of Mathematics; B.S. Troy University; M.S. Auburn University; Ph.D. Auburn University; 2009, 2015
BALDING, DONNA L., Professor of Biology; Assistant Chair, Department of Natural Sciences; B.A., Agnes Scott College; Ph.D., Emory University School of Medicine; 2004, 2011
BEAMAN-HACKLE, VALERIE, Associate Professor of Mathematics; B.S., Kent State University; M.S., University of Tennessee; M.S. Emory University; 1998, 2006
BEASLEY, SHANNON W.S., Associate Professor of Information Technology; B.S., Georgia College; M.S., Georgia College and State University; Ph.D. North Central University 2012, 2018
BEHOUNEK, ELAINA, Assistant Professor of Sociology; B.A. Psychology, University of Tennessee-Knoxville; M.S. Sociology, University of South Florida; Ph.D. Sociology, Southern Illinois University; 2009, 2011, 2015
BELL, MARGARET, Senior Lecturer of English; B.A., Old Dominion University, M.A., Old Dominion University; 2013
BELL-CORRALES, MARITZA, Professor of Spanish; B.A., Universidad Pontificia Bolivariana; M.A., University of South Florida; Ph.D. University of Florida; 2007, 2013
BERKE, AMY J., Professor of English; Associate Dean, School of Arts and Letters; B.A., Valdosta State University; M.A., University of West Florida; Ph.D., Florida State University; 1998, 2005
BEVILL, SANDRA W., Associate Professor of Mathematics; B.S., M.S., Georgia Southern University; 1993, 2003
BICE, DOUGLAS C., Associate Professor of Business; B.A. University of Connecticut; M.A. University of New Hampshire; Ph.D. University of Kentucky; 2012
BIEK, DAVID M., Associate Professor of Psychology; Dean, School of Education and Behavioral Sciences; B.S., Cornell University; M.A., Columbia University; Ph.D., Cornell University; 2006, 2011
BINKLEY, RICHARD, Associate Professor of Aviation; B.S., University of North Carolina, Chapel Hill, M.S., Embry Riddle Aeronautical University; 2015, 2021
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BRENNAN, PATRICK S., Professor of English; B.F.A., New York University; M.A., Ph.D., University of Florida; 2002, 2009
BRIONES, ERVIN, Associate Professor of Psychology B.A., M.S., Ph.D., Florida International University; 2008, 2013
BRO, LISA WENGER, Professor of English; B.A., Wartburg College; M.A., University of Northern Iowa; Ph.D., University of North Carolina at Greensboro; 2006, 2012
BROUWER, GASTON A., Professor of Mathematics; M.S., Technical University Delft; M.S., Ph.D., University of Alabama at Birmingham; 2006, 2012
BROWN, DON KEITH, Professor of Mathematics; B.S. Ed., M.Ed., Ed.S., Georgia Southern University; Ph.D., Georgia State University; 2001, 2008
BROWN, JASMINE; Associate Professor of Respiratory Therapy, Clinical Education Director; B.S., University of Arkansas for Medical Sciences, M.S., Georgia State University; 2015, 2021
BRYAN, JEFFERY W., Lecturer of Aviation Maintenance Structural Technology; FAA A&P/IA; DME; AAS in Technology - Aviation Maintenance Technology, Middle Georgia State College; 2016
BUFFONE, GERALD P., Jr., Professor of Chemistry; B.S., Indiana University; Ph.D. University of Delaware; 2007, 2014

BURNHAM, ROBERT A., Professor of History; B.A., M.A., Ph.D., University of Cincinnati; 1990, 1997
BURT, KATHLEEN, Associate Professor of English; B.S., St. Olaf College, M.A., University of Florida, M.A., Marquette University, Ph.D., Marquette University; 2015, 2021
BUTTS, PATSY, Associate Professor of Nursing; Ed.D, University of West Georgia; M.S.N., Walden University; 2014, 2021
CAIRNEY, CHRISTOPHER T., Professor of English; Assistant Chair, Department of English; B.A., M.A., California State University, Chico; M.A, Ph.D., University of Missouri, Columbia; 2008, 2014
CAMARA, LOUIS R., Associate Professor of Mathematics; B.A., M.A., Ph.D., University of South Florida; 2008, 2014
CANADY, CHRISTIE, Associate Professor of Biology; Assistant Chair, Department of Natural Sciences; B.S., M.S., Georgia Southern University; 1999, 2010
CANNON, JONATHAN, Associate Professor of Chemistry; B.S., Brigham Young University; Ph.D., University of Wisconsin-Madison; 2012, 2018
CANTWELL, KEVIN T., Professor of English; Special Assistant to the President; B.A., Georgia State University; Ph.D., University of Utah; 1991, 1998
CARTY, WILLIAM, Assistant Professor of Management; B.A., University of New Hampshire, M.A., Naval War College, D.B.A., University of Florida; 2019
CATER, LAUREN, Associate Professor of Film Production; B.S., M.F.A., University of North Texas; 2016
CAVERLY, MATTHEW, Lecturer of Political Science; B.A., M.A, Ph.D., University of Florida; 2016
CHAE, YUNSUK, Professor of Spanish; B.A., University of Hawaii at Manoa; M.A., Ph.D., Vanderbilt University; 2005, 2012
CHASE, AMANDA, Assistant Professor of Psychology; B.S.W, Southern Adventist University; M.S.W., Southern Adventist University; Psy.D., Psychology (Clinical), California Southern University 2011, 2012, 2017.
CHENG, KANG-PING, Assistant Professor of Mathematics; B.S., Providence University; M.A., Pennsylvania State University; Ph.D., University of Alabama; 2004, 2011
CHEUNG, CHI NGAI, Assistant Professor of Psychology; B.S., University of Hong Kong; M. Phil. (Education) Psychology, Chinese University of Hong Kong; M.A., Emory University; Ph.D., Emory University; 2004, 2008, 2012, 2017
CHRISTIAN, MARY, Assistant Professor of English; B.A., Union College; M.A., Indiana University, Bloomington; Ph.D., Indiana University, Bloomington; 2017
CLARK, N. ALAN, Associate Professor of Music; B.M.E, M.F.A, University of Florida; M.S., Troy University; Ph.D., Louisiana State University; 2012, 2018
CLARK, CHARLES ADON., JR., Associate Professor of Aviation; Dean of School of Aviation; B.S. Mercer University; M.B.A., Georgia College and State University, FAA Airframe and Powerplant Certificate; FAA Inspection Authorization Certificate; 2007, 2021
CLAYTON, LORETTA A., Professor of English; Interim Dean of Graduate Studies; B.A., Wesleyan University; M.A., Ph.D., Washington University in St. Louis; 2007, 2013
COLLEY, SHARON E., Professor of English; B.A., Mercer University; M.A., University of Tennessee at Knoxville; Ph.D., Louisiana State University; 2004, 2011
COLLINS, JAMES W., Professor of Psychology; B.S., Virginia Tech; M.S., Ph.D., University of Georgia; 1995, 2004
CRAIG, ADAM, Lecturer of Aviation Maintenance and Structural Technology; FAA A&P; AAS in Technology - Aviation Maintenance Technology, Middle Georgia State College; 2016
CROMBIE, RHONDA D., Associate Professor of English; B.A., M.A., Valdosta State University; 2003, 2011
CRUMP, VANESSA PAIGE., Associate Professor of Spanish; B.S., M.Ed., Ed.S., Georgia Southern University; 2008, 2015
DAVIDSON, ANDY, Assistant Professor of English; B.A., Ouachita Baptist University; M.F.A., University of Southern Mississippi; 2007
DALY, SHANNON, Assistant Professor of Nursing; MSN, University of West Georgia; 2017
DAY, DUANE, Assistant Professor of Mathematics; B.S. Macon State College; 2014, 2022
DECKER, JAMES D., Professor of Political Science; B.A., M.A., Eastern Illinois University; M.S., Ph.D., Florida State University; 1991, 1998
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DUBUISSON, LORRAINE M., Associate Professor of English; B.A., The University of Southern Mississippi; M.A., The University of Mississippi; Ph.D., The University of Mississippi; 2008, 2014
EDWARDS, REBECCA L., Senior Lecturer in New Media and Communication; B.S., Communications and Information Technology, Macon State College; Certificate, Digital Video Production, Florida State University; M.S., Media and Communication Studies, Florida State University, 2014
EL-JEAID, IMAD, Associate Professor of Physics; B.S., M.S., Emporia State University; 1998, 2008
EKWUAJU, ALEX, Assistant Professor of Criminal Justice; B.S., University of Nigeria, M.S., University of North Carolina, Charlotte, Ph.D., University of Michigan; 2015
FEGLEY, JONATHAN P., Professor of English; B.A., Mercer University; M.A., Ph.D., University of Georgia; 1998, 2007
FLOYD, KEVIN S., Professor of Information Technology; Associate Dean, School of Computing; B.S., Macon State College; M.S., Columbus State University; Ed.D., Georgia Southern University; 2004, 2011
FLOYD, TABITHA, Lecturer of Accounting; B.S., M.S., East Tennessee State University, J.D., University of Memphis; 2015
FORD, WILHELMINA H., Professor of Accounting; B.B.A., M.Acc., University of Georgia; J.D., Mercer University; 2000, 2004
FRASER, EBONIE, Lecturer of Sociology; B.A. Sociology, Valdosta State University; M.S. Sociology, Valdosta State University; 2000, 2002

FRAZIER, JAVAN DAVID, Professor of History; B.S., Tennessee Technological University; M.A., North Carolina State University; Ph.D., Auburn University; 2006, 2013
FULLER, DAWN, Assistant Professor of Nursing; MSN, Georgia Southwestern University; 2018
FULLER, DAVID P., Professor of Education; Special Assistant to the Provost; B.S., Northwestern State University; M.Ed., Ph.D., Southern University and A&M College; 2009, 2010
FULLER, STEPHEN M., Professor of English; B.A., University of Wales Swansea; M.A., Ph.D., The University of Southern Mississippi; 2007, 2013
GARRETT, KERRY, Assistant Professor of Nursing; DHA, University of Phoenix; MSN – AGACNP, University of Alabama at Birmingham; MSN, Georgia College and State University, BS HSA, Middle Georgia State University; 2022
GEE, BECKY, Assistant Professor of Nursing; PhD, Augusta University; MSN, Georgia College and State University; 2019
GEIGER, HOLLY R., Senior Lecturer of Mathematics; B.S. Georgia Institute of Technology; M.S. Nicholls State University; 2014
GEORGE, JOHN GREGORY, Associate Professor of Economics; B.S., University of North Carolina at Chapel Hill; M.E.E.R.M., Ph.D., University of South Carolina at Columbia; 2001, 2008
GIBBONS, MICHAEL S., Associate Professor of Sociology; Associate Provost and Executive Director of Institutional Research; M.A., University of Notre Dame; Ph.D., University of Notre Dame; 2012, 2017
GILBERT, NATHANAEL T., Associate Professor of English; A.A., College of Southern Idaho; B.A., M.A., University of Idaho; Ph.D., Washington State University; 2005, 2011
GILL, VINCENT H., Lecturer of History; B.A., University College Dublin; M.A., The University of West Florida; 2009
GIRARD, JOHN PATRICK, Professor of Information Technology; B.S., University of Manitoba; M.B.A., Touro University International; Ph.D., Touro University International; 2014
GLADDEN, PAUL R., Professor of Psychology; Chair, Department of Psychology, Sociology and Criminal Justice; B.A., University of Virginia at Charlottesville, M.A., Ph. D., University of Arizona at Tucson; 2011
GRAY, LAUREN, Lecturer of Occupational Therapy; A.S. Occupational Therapy Assistant, Middle Georgia State University; B.S., Middle Georgia State University; 2016
GRAY, TAMARA, Senior Lecturer of Mathematics; B.S., Savannah State University; M.S., Georgia Southern University; 2015
GREENE, NANCY G., Lecturer of Education; B.A., University of Central Florida; M.Ed., Mercer University; 2007
GUARISCO, VICTORIA F., Professor of Chemistry; B.A., Spring Hill College; Ph.D., University of North Carolina at Chapel Hill; 2008, 2015
HAGLER, JAMES R. Assistant Professor Sport Management; DPM, Valdosta State University 2021; MSM United States Sports Academy 2009; BBM, Columbus State University 2007. 2010 Athletics Director. 2019
HALL, JOHN, Associate Professor of Political Science; B.S., Troy University, M.S. Troy University, Ph.D., Auburn University, 2015, 2021
HAMILTON, WHITNEY N. Assistant Professor Health Service Administration; DPH., Georgia Southern University, 2019; MPH., Mercer University, 2013; BA., Environmental Anthropology., University of Michigan, 2010. 2018
HAMMOCK, MICHAEL C., Assistant Professor of Mathematics; A.S., Macon State College; B.S., M.S., Georgia Southern University; 2010, 2019
HANCOCK, THOMAS, Assistant Professor of Biology; B.S., University of North Carolina, Charlotte, M.S., University of North Carolina, Wilmington, Ph.D., Wake Forest University; 2019
HARRELSON, JOSHUA., Assistant Professor of Mathematics; B.S., Middle Georgia State University; M.A., Ph.D., Auburn University, 2019
HERVEY, WILLIAM G., Professor of Health Service Administration; B.A., Hofstra University; J.D., St. John's University; LL.M., Saint Louis University; 2000, 2007
HILL, JOSHUA D., Senior Lecturer of English; B.A., The University of Southern Mississippi; M.A., The University of Mississippi; 2008
HILL, KASSI, Associate Professor of Nursing; DNP, Chamberlain University; M.S.N., Walden University; 2015, 2021
HILL, WILLIAM C., Associate Professor of Mathematics; B.S., Jacksonville State University; M.S., Ph.D., Auburn University; 2001, 2008
HIMANGSHU, SUMITRA, Associate Professor of Education; Assessment Coordinator for School of Education, B.A., Goshen College; M.S. Auburn University; M.S., University of Rochester; Ph.D., University of Rochester; 2006, 2011
HINZE, SCOTT, Assistant Professor of Psychology; B.A., Hope College; M.A., University of Illinois-Chicago; Ph.D., University of Illinois-Chicago; 2018, 2021
HOLLINS, JOYCE, Assistant Professor of Nursing; PMC – AGNP, South University; MSN, Western's Governors; 2017
HOPKO, SHELLY, Assistant Professor of Nursing; MSN, University of Phoenix; 2018
HOPPER, THOMAS, Lecturer of Air Traffic Management; B.S., Georgia Southwestern University; 2013
HORNUNG, CHRISTOPHER A., Associate Professor of Engineering; B.S., M.S., Ph.D., State University of New York at Buffalo; 1996, 2006
HOWELL, DOROTHY J., Associate Professor of Health Service Administration; Chair, Department of Health Services; M.S.N., Georgia College & State University; D.H.A., University of Phoenix; 2011, 2018
HU, SHANNON, Associate Professor of Mathematics; B.S., Hunan University, Ph.D., University of Georgia; 2015, 2021
INGRAM, DONNA; Associate Professor of Nursing; Chair, Department of Nursing; BSN; MSN: Georgia College; DNP; Georgia Health Sciences University; 2013, 2019
ISRAEL, GEORGE L., Professor of History; B.A., William Jewell College; M.A., University of Missouri; Ph.D., University of Illinois; 2008, 2015
JACKSON, TERI; Assistant Professor of Nursing; MSN, University of Alabama at Birmingham; 2020

JENKINS, JONATHAN, Assistant Professor of Information Technology; B.A., University of Central Florida; M.S., Florida State University; Ph.D., Florida State University; 2017
JENNINGS, MATTHEW H., Professor of History; B.A., Ph.D., University of Illinois; 2007, 2012
JOA, CLAIRE, Assistant Professor of Media and Communication; B.A., M.A. Sogang University; Ph.D. Bowling Green State University; 2021
JOHNSON, KIM, Associate Professor of Nursing; DNP, Georgia Southern University; A.S.N., Perimeter College; B.S.N., Macon State College; M.S.N. - FNP, Georgia Southern University; 2015, 2021
JONES, MARK, Lecturer of Sociology and Psychology; A.A., Psychology, Macon State; B.A., Psychology and Sociology, Mercer University; M.S., Counseling Psychology, Fort Valley State University; 1982, 1984, 1996
JONES, MELVA, Associate Professor of Nursing; DNP, Chamberlain University; B.S., Albany State University; M.S., Walden University; 2014, 2020
JONES, WILLIAM (SCOTT), Lecturer of Information Technology; B.A., M.S., University of Central Florida; M.S., Liberty University; 2021
JORDAN, MELISSA, Assistant Professor of Health Service Administration; B.S., M.S., Valdosta State University; M.S., Troy State University; D.H.S., Nova Southeastern University; 2016
KAMERA, JOSEPHINE, Associate Professor of Nursing; EdD, University of West Georgia; B.S.N., M.S.N. Georgia College and State University; 2010,2017
KANG, KYUNG W. (DAVID), Professor of Business; B.B.A., M.B.A., Yonsei University; M.B.A., Binghamton University; Ph.D., University of Rhode Island; 2009, 2014
KEHAYES, PAUL MARTIN, Senior Lecturer of Aviation Maintenance and Structural Technology; Chair, Department of Aviation Maintenance and Structural Technology; B.S., University of Georgia; Diploma, Georgia Aviation Technical College; FAA Airframe and Powerplant Certificate; FAA Inspection Authorization Certificate; FCC GROL; 2007
KEITH, SHEREE' N., Professor of Communication Studies; Chair, Department of Media, Culture, and the Arts; Texas Tech University B.A., M.A.; University of Iowa, Ph.D.; 2006, 2012
KETCHEL, STANLEY J., Associate Professor of Business; B.S., Grand Valley State College; M.B.A, Grand Valley State University; 2007, 2013
KHATMULLIN, RENAT, Associate Professor of Chemistry; B.S., M.S., National University of Uzbekistan, Ph.D., Bowling Green State University; 2015, 2020
KILBURN, RICHARD, Associate Professor of Mathematics; B.S., Georgia Southern University, M.S., University of Florida, Ph.D., Mercer University; 2015, 2020
KIM, JOOBUM, Assistant Professor of Information Technology; B.E., Kwangwoon University; M.S., Gwangju Institute of Science and Technology; Ph.D., University of Texas at Dallas; 2020
KIMSEY, MOLLY C., Lecturer of Education; A.B., Wesleyan College; M.Ed., Georgia College & State University; 2009
KNIGHT, DAWN M., Associate Professor of Nursing; Diploma, Georgia Baptist Hospital School of Nursing; B.S.N., Kennesaw State University; M.S.N., Georgia College & State University;1998, 2010
KOOHANG, ALEX, Peyton Anderson Eminent Scholar & Endowed Chair in Information Technology, Professor of Information Technology; Dean, School of Computing; M.S.M., National-Louis University; B.S., M.S., Ph.D., Southern Illinois University; 2007
KWAK, MYUNGJAE, Professor of Information Technology, B.S., Hankuk University of Foreign Studies; M.E., Information and Communication University Korea; M.S., Claremont Graduate University Ph.D., Claremont Graduate University; 2011, 2016
LANIER, VIKTORIYA V., Associate Professor of Mathematics; B.S., M.S., Donetsk State University; 2002, 2010
LANNING, REBECCA S., Professor and Interim Assistant Chair of Media Culture and the Arts; B.Mus., M.M., Ohio University; D.P.A, Valdosta State University; 1993, 2003
LAWRENCE, CHRISTOPHER N, Associate Professor of Political Science; Chair, Department of Political Science; B.A., University of Memphis; Ph.D., University of Mississippi; 2012, 2016
LEE, BYUNG H., Assistant Professor of Aviation, B.S., Georgia State University, MBA, Georgia State University; 2019
LEE, KINZIE, Associate Professor of Nursing; B.S.N., University of Wyoming, D.N.P., University of Minnesota; PMC – PNP; 2016, 2022
LENZ, KARMEN J., Professor of English; B.A., Williamette University; M.A., St. John's College; Ph.D., University of New Mexico; 2005, 2012
LESTER, JULIE A., Professor of Political Science; B.A., University of Missouri; M.A., Ph.D., Purdue University; 2007, 2012
LIGON, ANDERSON, JR., Associate Professor of Business Administration; B.S., M.B.A, University of Mobile; 2005, 2011
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LoFORTI, TAYLOR, Lecturer of English; B.A., The Master's University; M.A., Liberty University; 2021
LOWERY, W. DUSTIN, Associate Professor of Aviation; Diploma, Aircraft Structural Technology, Georgia Aviation Technical College; B.B.A., Georgia Southwestern State University; M.B.A Georgia Southwestern State University; M.C.A Delta State University; 2007, 2022
LUCAS, GERALD R., Professor of English; B.A., M.A., Ph.D., University of South Florida; 2002, 2009
MAKAYA, PETER B., Professor of Criminal Justice; B.A., M.A., Ph.D., Georgia State University; J.D., John Marshall Law School;1984, 1989
MATSON, CHARLES, Professor of Respiratory Therapy; M.Ed., University of Georgia; Ph.D., University of Georgia; 1999, 2006
MCALUM, HARRY, Professor of Accounting; B.B.A., M.B.A., Georgia Southern University; D.B.A., Louisiana Tech University; 2001, 2004

MCDANIEL, BETSY A., Assistant Professor of Occupational Therapy; Chair, Department of Rehabilitation Science; Occupational Therapy Assistant Program Director; A.S. Occupational Therapy Assistant, Middle Georgia College; B.S., Middle Georgia State University; M.S., Georgia College and State University; 2010
MCNEILL, JAMES H.., Associate Professor of Chemistry; B.S., Ph.D., University of Louisville; Ph.D., Purdue University; 2003, 2010
MEIER, SHANNON, Assistant Professor of Biology; B.S. Eckerd College; Ph.D. University of Alabama; 2015, 2021
MELTON, JR., BUCKNER F., Lecturer of History; B.A. Mercer University; M.A. Duke University; J.D. University of North Carolina at Chapel Hill; Ph.D., Duke University; 2013
MELTON, CAROL W., Professor of History; B.A., Guilford College; M.A., Wake Forest University; Ph.D., Duke University; 2005, 2011
MERCER, VALERIE A., Assistant Professor of Information Technology; B.S., University of Georgia; M.Ed., Georgia College; Ed.S., Georgia State University; Ed.D., Valdosta State University; 2022
MILLER, CHARLOTTE L., Associate Professor of History; M.A., Ph.D., University of Iowa at Iowa City; 2011, 2017
MILLER, MONICA, Assistant Professor of English; B.A., M.A., University of Tennessee; Ph.D., Louisiana State University; 2017
MILLER, TERESA J., Associate Professor of Respiratory Therapy; Chair, Department of Respiratory Therapy; B.S., Medical College of Georgia; M.Ed., Georgia College & State University; 2003, 2011
MILLS, JEREMY, Assistant Professor of Nursing; DNP, Grand Canyon University; MBA and MSN, Georgia College and State University; BSN, Georgia Southern University; 2017
MONK, BARRY J., Professor of Mathematics; B.S., M.A., Ph.D., University of Alabama; 2001, 2008
MORRISON, DERRILYN E., Professor of English; B.A., M.Phil., University of West Indies; Ph.D., Emory University; 2004, 2011
MORTON, CLAY A., Professor of English; Director, Honors Program; B.A., University of South Carolina; M.A., Ph.D., University of Georgia; 2006, 2011
MOZLEY-STANDRIDGE, SHARON E., Associate Professor of Biology; B.S.A., Ph.D., University of Georgia; 2006, 2012
MURPHY, JOHN, Assistant Professor of English; B.A., M.A., University of Georgia; Ph.D., University of Virginia; 2019
MUTH, BENITA K., Professor of English; B.A., University of the South; M.A., Ph.D., University of North Carolina at Chapel Hill; 2007, 2012
NARSING, R. ANTHONY, Professor of Management; B.S., M.S., Ph.D., University of Alberta; 2004, 2010
NEES, REBECCA N., Associate Professor of Sociology; B.S., Southern Nazarene University; M.A., Ph.D., University of Oklahoma; 2005, 2011
NICHOLSON, ANDRÉ, Associate Professor of Communication; A.A.S., Community College of the Air Force; B.S., Southern Illinois University; M.S., University of Phoenix; Ph.D., Howard University; 2012, 2018
NOBLE, ABIGAIL A., Associate Professor of Mathematics; B.S. LaGrange College; M.A.M., Ph.D., Auburn University; 2013, 2020
NOBLE, MATTHEW H., Associate Professor of Mathematics; B.S. Auburn University; M.A.M. Auburn University; PhD. Auburn University; 2014, 2020
NORMAN, CHRISTIAN, Associate Professor of Communication; B.A., Ball State University, M.S., Ph.D., Georgia State University; 2016, 2022
NUCKELS, ESTELLE M., Associate Professor of Chemistry; B.S., Concordia University; Ph.D., University of Arkansas; 2009, 2015
OBINYAN, EVARISTUS, Assistant Professor of Criminal Justice; B.A. Criminal Justice, University of Illinois; M.S. Corrections/Criminal Justice, Chicago State University; Ph.D., Criminology, University of South Florida; 1988, 1989, 2005
O'LEARY-DAVIDSON, CRYSTAL, Professor of English; B.F.A., University of Mississippi; M.A., University of Alabama; M.A., Winthrop University; Ph.D., University of Louisiana at Lafayette; 2003, 2009
O'NEAL, STACEY, Assistant Professor of Rehabilitation Science; Rehab Science Program Coordinator; B.S., Georgia Southern University; Doctor of Physical Therapy, Medical College of Georgia; 2019
PALMER, LUCIA, Assistant Professor Media Studies; B.A. University of North Carolina; M.A. University of Colorado; Ph.D. University of Texas; 2020
PARKER, KRISTOPHER, Assistant Professor of Biology; B.S. Pittsburg State University; Ph.D. University of Wyoming; 2013, 2018
PATTILLO, JOHN M., Professor of Biology; B.S., University of Georgia; M.S., Ph.D., University of Pittsburgh; 2005, 2012
PHIPPS-PRIETO, SIMONE T.A., Professor of Management; B.S., Claflin University; M.B.A., Ohio University; Ph.D., Louisiana State University; 2011, 2017
PICKENS, KIMBERLY A., Professor of Biology: B.S., M.S., University of Georgia; Ph.D., University of Tennessee; 2004, 2011
PIERCE, PATRICE, Associate Professor of Nursing; DNP, Augusta University; MSN, Walden University; ASN & BSN, Middle Georgia State University; 2021
PLAXICO, ELISHA, Assistant Professor of Nursing; MSN, Georgia College and State University; BSN, Augusta University; 2019
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