

Health Informatics

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 2017-2018 Catalog (expires Summer 2023)

1st & 2nd Years Gen Ed & Area F	3rd & 4th Years																				
<p style="background-color: #ffffcc; margin: 0;">AREA A – Essential Skills 9-10 HOURS</p> <p>ENGL 1101 ENGL 1102 MATH 1111,1112, 1113, or 1251</p> <p><i>*MATH 1001/Learning Support may be required due to test scores</i></p>	<p style="background-color: #ffffcc; margin: 0;">IT UPPER DIVISION REQUIREMENTS</p> <p>IT Upper Level Core Courses 21 HOURS</p> <p>ITEC 3155 Systems Analysis & Design ITEC 3235 Human Computer Interaction ITEC 3245 Database Principles ITEC 3300 Project Management ITEC 4200 Foundations of Info Assurance ITEC 4205 Legal and Ethical Issues in IT ITEC 4750 Senior Capstone</p>																				
<p style="background-color: #ffffcc; margin: 0;">AREA B – Institutional Options 4 HOURS</p> <p><i>Area B Elective (ITEC 1001 recommended)</i></p>	<p style="background-color: #ffffcc; margin: 0;">Health Informatics 15 HRS</p> <p>Required (9 hours) HLSA 3310 American Health Care System HLSA 3320 Health Care Management HLSA 4470 Design & Management Select two (2) from the following (6 hours) HLSA 3350 Public Health & Epidemiology HLSA 3360 Quality Management & Improvement HLSA 4410 Health Law & Ethics HLSA 4435 Managed Care</p>																				
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CYBER FORENSICS

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CYBERSECURITY

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INTEGRATED DIGITAL MEDIA & GAME DESIGN

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NETWORK TECHNOLOGY & ADMINISTRATION

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SOFTWARE ENGINEERING

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<p>AREA A – Essential Skills 9-10 HOURS</p> <p>ENGL 1101 ENGL 1102 MATH 1111,1112, 1113 , or 1251</p> <p><i>*MATH 1101 is required if SAT Math < 550 or ACT < 24</i></p> <p>AREA B – Institutional Options 4 HOURS</p> <p><i>Area B Elective (ITEC 1001 recommended)</i></p> <p>AREA C – Humanities/Fine Arts 6 HOURS <i>Literature-based Elective</i></p> <p>Choose one (circle): ENGL 2111, 2112, 2121, 2122, 2131, 2132 , 2141, or 2142</p> <p>AREA C Elective</p> <p>COMM 1110 or COMM 1100</p> <p>AREA D – Nat Science, Math, and Tech 11-12 HOURS <i>Area D Elective Choose one (circle)</i></p> <p>MATH 1200, 1401, 1251, 1501, 2252, 2253, 2260, 2270</p> <p>Lab-Science Electives Choose two (circle): ASTR 1010K, 1020K, BIOL 1001K, 1002K, 2107K, 2108K,* CHEM 1151K, 1152K, 1211K, 1212K GEOL 1011K PHYS 1011K, 1012K, 1111K, 1112K, 2211K, 2212K</p> <p><i>*Students cannot receive graduation credit for both BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108</i></p> <p>AREA E – Social Science 12 HOURS</p> <p>*POLS 1101 **HIST 2111, 2112</p> <p>Area E Elective Choose two (circle): ANTH 1102, ECON 2105, 2106 HIST 1111, 1112,1190, 2111, 2112 GEOG 1101 POLS 2101, 2201, 2301, 2401 PSYC 1101 SOC 1101, 1160</p> <p><i>*Will satisfy the state requirements in U.S. & Georgia Constitution **Will satisfy the state requirements in U.S. and Georgia History</i></p> <p>AREA F MAJOR FIELD 18-19 HOURS</p> <p>ITEC 2215 Intro to IT ITEC 2260 Intro to Programming ITEC 2270 Application Development ITEC 2320 Networking Essentials ITEC 2380 Web Development</p> <p>Choose one (circle) MATH 1251, 2120, 2252, 2253, 2260, 2270</p>	<p>IT UPPER DIVISION REQUIREMENTS</p> <p>IT Upper Level Core Courses 21 HOURS</p> <p>ITEC 3155 Systems Analysis & Design ITEC 3235 Human Computer Interaction ITEC 3245 Database Principles ITEC 3300 Project Management ITEC 4200 Foundations of Info Assurance ITEC 4205 Legal and Ethical Issues in IT ITEC 4750 Senior Capstone</p> <p>SOFTWARE ENGINEERING 30 HRS</p> <p>Required (30 hours) ITEC 3250 Software Engineering ITEC 3264 Data Structures/Algorithm Analysis ITEC 3265 Operating Systems ITEC 4261 JAVA Programming OR ITEC 4266 C++ Programming ITEC 4270 Robot Programming ITEC 4329 Data Communications ITEC 4361 Software Security ITEC 4362 Computer Architecture ITEC 4364 Systems Programming ITEC 4365 Software Testing/Quality Assurance</p> <p>ADDITIONAL COURSES</p>																				
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WEB APPLICATIONS DEVELOPMENT

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

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Degree Map

Year 1

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 th		Optional 6 th			

Year 2

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 th		Optional 6 th			

Year 3

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 th		Optional 6 th			

Year 4

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
Optional 6 th		Optional 6 th			

NOTES: