

# CYBERSECURITY

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

*Audit Worksheet 2020-2021 Catalog (expires Summer 2026)*

<b>1<sup>st</sup> &amp; 2<sup>nd</sup> Years Gen Ed &amp; Area F</b>	<b>3<sup>rd</sup> &amp; 4<sup>th</sup> Years</b>																				
<p style="background-color: #ffffcc; margin: 0;"><b>AREA A – Essential Skills</b> 9-10 HOURS</p> <p>ENGL 1101 ENGL 1102 MATH 1111,1112, 1113 , or 1251 <i>*MATH 1001/Learning Support may be required due to test scores</i></p>	<p style="background-color: #ffffcc; margin: 0;"><b>IT UPPER DIVISION REQUIREMENTS</b></p> <p><b>IT Upper Level Core Courses</b> 21 HOURS</p> <p>ITEC 3155 Systems Analysis &amp; 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;"><b>AREA B – Institutional Options</b> 4 HOURS</p> <p><i>Area B Elective (ITEC 1001 recommended)</i></p>	<p style="background-color: #ffffcc; margin: 0;"><b>CYBERSECURITY COURSES</b> 27 HRS</p> <p>ITEC 3325 Windows System Admin ITEC 3328 Linux Systems Admin ITEC 4344 Ethical Hacking ITEC 4321 Forensics and Data Recovery ITEC 4341 Network Forensics &amp; Incident Response Planning ITEC 4361 Software Security ITEC 4370 Virtual Computing ITEC 4421 Network Security <b>Select one (1) from the following (3 hours)</b> ITEC 4310 Critical Infrastructure Security ITEC 4320 Industrial Control Systems Security ITEC 4332 Firewalls and VPNs 3</p>																				
<p style="background-color: #ffffcc; margin: 0;"><b>AREA C – Humanities/Fine Arts</b> 6 HOURS <i>Literature-based Elective</i></p> <p><b>Choose one (circle):</b> ENGL 2111, 2112, 2121, 2122, 2131, 2132 , 2141, or 2142</p>																					
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<p style="background-color: #ffffcc; margin: 0;"><b>AREA D – Nat Science, Math, and Tech</b> 11-12 HOURS <i>Area D Elective Choose one (circle)</i></p> <p>MATH 1401, 1251, 1501, 2252, 2253, 2260, or 2270</p> <p><b>Lab-Science Electives Choose two (circle):</b> ASTR 1010K, 1020K, BIOL 1001K, 1002K , 2107K, 2108K, BIOL 1011K (eCore) CHEM 1151K, 1152K, 1211K, 1212K GEOL 1011K or GEOL 1121K (eCore) 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 style="background-color: #ffffcc; margin: 0;"><b>ADDITIONAL COURSES</b> 12 HRS</p>																				
<p style="background-color: #ffffcc; margin: 0;"><b>AREA E – Social Science</b> 12 HOURS</p> <p>*POLS 1101 **HIST 2111 or 2112</p> <p><b>Area E Elective Choose two (circle):</b> ANTH 1102, ECON 2105, 2106 HIST 1111, 1112,1190, 2111, 2112 GEOG 1101 POLS 2101, 2201, 2301, 2401 PSYC 1101 SOCI 1101, 1160</p> <p><i>*Will satisfy the state requirements in U.S. &amp; Georgia Constitution **Will satisfy the state requirements in U.S. and Georgia History</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center; padding: 5px;"><b>GRADUATION REQUIREMENT CHECKLIST</b></th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Oral Comp</td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> <td style="padding: 5px;">Tech Comp</td> <td style="text-align: center; padding: 5px;"><input type="checkbox"/></td> </tr> <tr> <td style="padding: 5px;">History</td> <td style="padding: 5px;"><input type="checkbox"/> U.S.</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"><input type="checkbox"/> GA</td> </tr> <tr> <td style="padding: 5px;">Constitution</td> <td style="padding: 5px;"><input type="checkbox"/> U.S.</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"><input type="checkbox"/> GA</td> </tr> <tr> <td colspan="4" style="padding: 5px;">Applied for Graduation <input type="checkbox"/> Yes</td> </tr> </tbody> </table>	<b>GRADUATION REQUIREMENT CHECKLIST</b>				Oral Comp	<input type="checkbox"/>	Tech Comp	<input type="checkbox"/>	History	<input type="checkbox"/> U.S.		<input type="checkbox"/> GA	Constitution	<input type="checkbox"/> U.S.		<input type="checkbox"/> GA	Applied for Graduation <input type="checkbox"/> Yes			
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# CYBERSECURITY

## 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 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 2

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

### Year 3

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

### Year 4

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

**NOTES:**

# INTEGRATED DIGITAL MEDIA & GAME DESIGN

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

*Audit Worksheet 2017-2018 Catalog (expires Summer 2023)*

<b>1<sup>st</sup> &amp; 2<sup>nd</sup> Years Gen Ed &amp; Area F</b>	<b>3<sup>rd</sup> &amp; 4<sup>th</sup> Years</b>																								
<p><b>AREA A – Essential Skills</b> 9-10 HOURS</p> <p>ENGL 1101 ENGL 1102 MATH 1111,1112, 1113, or 1251</p> <p><i>*MATH 1101/Learning Support may be required due to test scores</i></p>	<p><b>IT UPPER DIVISION REQUIREMENTS</b> 21 HOURS</p> <p><b>IT Upper Level Core Courses</b></p> <p>ITEC 3155 Systems Analysis &amp; 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>																								
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<p><b>AREA C Elective</b></p> <p>COMM 1110 or COMM 1100</p>	<p><b>INTEGRATED DIGITAL MEDIA &amp; GAME DESIGN</b> 21 HRS</p> <p><b>Required (15 hours)</b> ITEC 3236 Interactive Digital Media ITEC 4230 Graphic Imaging ITEC 4238 2D Computer Animation ITEC 4237 3D Modeling ITEC 4255 Game Design and Development</p> <p><b>Select two (2) from the following (6 hours)</b> ITEC 4284 Web Multimedia Delivery NMAC 3600 Digital Storytelling NMAC 3108 Writing for Digital Media NMAC 3145 Digital Media Studio ITEC 4299 Special Topics in Digital Media &amp; Game Design</p>																								
<p><b>AREA D – Nat Science, Math, and Tech</b> 11-12 HOURS</p> <p><i>Area D Elective Choose one (circle)</i></p> <p>MATH 1401, 1251, 1501, 2252, 2253, 2260, or 2270</p> <p><b>Lab-Science Electives Choose two (circle):</b> ASTR 1010K, 1020K, BIOL 1001K, 1002K,2107K, 2108K, BIOL 1011K (eCore) CHEM 1151K, 1152K, 1211K, 1212K GEOL 1011K or GEOL 1211K (eCore) 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>																									
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# INTEGRATED DIGITAL MEDIA & GAME DESIGN

## 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 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 2

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
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### Year 3

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
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### Year 4

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
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**NOTES:**

# Health Informatics

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

*Audit Worksheet 2020-2021 Catalog (expires Summer 2026)*

<b>1<sup>st</sup> &amp; 2<sup>nd</sup> Years Gen Ed &amp; Area F</b>	<b>3<sup>rd</sup> &amp; 4<sup>th</sup> Years</b>																				
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<p><b>AREA B – Institutional Options</b> 4 HOURS</p> <p><i>Area B Elective (ITEC 1001 recommended)</i></p>	<p><b>Health Informatics</b> 15 HRS</p> <p><b>Required (9 hours)</b> HLSA 3310 American Health Care System HLSA 3320 Health Care Management HLSA 4470 Design &amp; Management <b>Select two (2) from the following (6 hours)</b> HLSA 3350 Public Health &amp; Epidemiology HLSA 3360 Quality Management &amp; Improvement HLSA 4410 Health Law &amp; Ethics HLSA 4435 Managed Care</p>																				
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# INTEGRATED DIGITAL MEDIA & GAME DESIGN

## 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 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 2

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			
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1		1		1	
2		2		2	
3		3			
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1		1		1	
2		2		2	
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# NETWORK TECHNOLOGY & ADMINISTRATION

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

*Audit Worksheet 2020-2021 Catalog (expires Summer 2026)*

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# NETWORK TECHNOLOGY & ADMINISTRATION

## Degree Map

### Year 1

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
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### Year 2

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
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4		4			
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1		1		1	
2		2		2	
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5		5			
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### Year 4

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

**NOTES:**



# CRITICAL INFRASTRUCTURE MANAGEMENT

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet 2020-2021 Catalog (expires Summer 2026)

1 <sup>st</sup> & 2 <sup>nd</sup> Years Gen Ed & Area F	3 <sup>rd</sup> & 4 <sup>th</sup> Years																				
<p style="text-align: center;"><b>GENERAL EDUCATION REQUIREMENTS</b></p> <p><b>AREA A – Essential Skills</b> 9-10 HOURS ENGL 1101 ENGL 1102 or 1102H MATH 1111, 1112, 1113, 1113H, or 1251 *MATH 1101/Learning Support may be required based on test scores</p>	<p><b>AREA F</b> 18-19 HOURS <b>MAJOR FIELD</b> HRS GRADE ITEC 2215 Intro to IT ITEC 2260 Intro to Programming ITEC 2270 Application Development ITEC 2320 Networking Essentials ITEC 2380 Web Development <b>Choose one (circle)</b> MATH 1251, 2120, 2252, 2253, 2260, 2270</p>																				
<p><b>AREA B – Institutional Options</b> 4 HOURS Area B Elective (ITEC 1001 recommended)</p>	<p><b>IT UPPER DIVISION REQUIREMENTS</b></p> <p><b>IT Upper Level Core Courses</b> 21 HOURS ITEC 3155 Systems Analysis &amp; 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><b>AREA C – Humanities/Fine Arts</b> 6 HOURS <i>Literature-based Elective</i> <b>Choose one (circle):</b> ENGL 2111, 2112, 2121, 2122, 2131, 2131H, 2132, 2132H, 2141, 2142  <i>Area C Elective</i> COMM 1110 or COMM 1100</p>	<p><b>CRITICAL INFRASTRUCTURE MANAGEMENT</b> 21HRS <b>Required (21 hours)</b>  ITEC 4310 Critical Infrastructure Security and Resilience ITEC 4320 Industrial Control Systems ITEC 4321 Forensics/Data Recovery ITEC 4341 Network Forensics and Incident Response Planning ITEC 4345 Cyber Systems Security CRJU 4507 Homeland Security CRJU 4550 Terrorism</p>																				
<p><b>AREA D – Nat Science, Math, and Tech</b> 11-12 HOURS <i>Area D Elective</i> <b>Choose one (circle)</b> MATH 1401, 1251, 1501, 2252, 2253, 2260, 2270 <i>Lab-Science Electives</i> <b>Choose two (circle):</b> ASTR 1010K, 1020K, BIOL 1001K, 1001K-H, 1002K, 1002K-H, 2107K, 2108K, 1101K(eCore) * CHEM 1151K, 1152K, 1211K, 1212K GEOL 1011 or 1121K(eCore) PHSC 1011K, PHYS 1011K, 1012K, 1111K, 1112K, 2211K, 2212K *Students cannot receive graduation credit for both BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108.</p>	<p><b>ADDITIONAL COURSES</b> 18HRS</p>																				
<p><b>AREA E – Social Science</b> 12 HOURS *POLS 1101 or 1101H **HIST 2111, 2111H, 2112, or 2112H <i>Area E Elective</i> <b>Choose two (circle):</b> ANTH 1102, ECON 2105, 2105H, 2106, 2106H, HIST 1111, 1112, 1190, 2111, 2111H, 2112, 2112H, GEOG 1101 POLS 2101, 2201, 2301, 2401 PSYC 1101, 1101H, SOC 1101, 1101H, 1160 *Will satisfy the state requirements in U.S. &amp; Georgia Constitution **Will satisfy the state requirements in U.S. and Georgia History</p>	<p style="text-align: center;"><b>GRADUATION REQUIREMENT CHECKLIST</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Oral Comp</td> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 25%;">Tech Comp</td> <td style="width: 5%;"><input type="checkbox"/></td> <td style="width: 40%;"></td> </tr> <tr> <td>History</td> <td><input type="checkbox"/></td> <td>U.S.</td> <td><input type="checkbox"/></td> <td>GA</td> </tr> <tr> <td>Constitution</td> <td><input type="checkbox"/></td> <td>U.S.</td> <td><input type="checkbox"/></td> <td>GA</td> </tr> <tr> <td colspan="5">Applied for Graduation <input type="checkbox"/> Yes</td> </tr> </table>	Oral Comp	<input type="checkbox"/>	Tech Comp	<input type="checkbox"/>		History	<input type="checkbox"/>	U.S.	<input type="checkbox"/>	GA	Constitution	<input type="checkbox"/>	U.S.	<input type="checkbox"/>	GA	Applied for Graduation <input type="checkbox"/> Yes				
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# CYBER FORENSICS

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

*Audit Worksheet 2020-2021 Catalog (expires Summer 2026)*

<b>1<sup>st</sup> &amp; 2<sup>nd</sup> Years Gen Ed &amp; Area F</b>	<b>3<sup>rd</sup> &amp; 4<sup>th</sup> Years</b>																				
<p><b>AREA A – Essential Skills</b> 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 based on test scores</i></p> <p><b>AREA B – Institutional Options</b> 4 HOURS</p> <p><i>Area B Elective (ITEC 1001 recommended)</i></p> <p><b>AREA C – Humanities/Fine Arts</b> 6 HOURS <i>Literature-based Elective</i></p> <p><b>Choose one (circle):</b> ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141, or 2142</p> <p><b>AREA C Elective</b></p> <p>COMM 1110 or COMM 1100</p> <p><b>AREA D – Nat Science, Math, and Tech</b> 11-12 HOURS <i>Area D Elective Choose one (circle)</i></p> <p>MATH 1401, 1251, 1501, 2252, 2253, 2260, 2270 <b>Lab-Science Electives Choose two (circle):</b> ASTR 1010K, 1020K, BIOL 1001K, 1002K, 2107K, 2108K, 1101K(eCore) * CHEM 1151K, 1152K, 1211K, 1212K GEOL 1011K or 1121K(eCore) 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><b>AREA E – Social Science</b> 12 HOURS</p> <p>*POLS 1101 or 1101H **HIST 2111, 2111H, 2112, or 2112H</p> <p><b>Area E Elective Choose two (circle):</b> 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. &amp; Georgia Constitution</i> <i>**Will satisfy the state requirements in U.S. and Georgia History</i></p> <p><b>AREA F MAJOR FIELD</b> 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><b>Choose one (circle)</b> MATH 1251, 2120, 2252, 2253, 2260, 2270</p>	<p><b>IT UPPER DIVISION REQUIREMENTS</b></p> <p><b>IT Upper Level Core Courses</b> 21 HOURS</p> <p>ITEC 3155 Systems Analysis &amp; 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><b>CYBERFORENSIC COURSES</b> 21 HRS</p> <p><b>Required</b> ITEC 4321 Forensics/Data Recovery ITEC 4322 Advanced Forensics ITEC 4341 Network Forensics and Incident Response Planning CRJU 3200 Criminal Procedure and Evidence CRJU 4310 White Collar and Cybercrime</p> <p><b>Two Classes from the Following</b> ITEC 3328 Linux Systems Administration ITEC 4344 Ethical Hacking ITEC 4299 Special Topics in Cyber Forensics ITEC 4323 Mobile Forensics</p> <p><b>ADDITIONAL COURSES</b> 18 HRS</p>																				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center; color: red;">GRADUATION REQUIREMENT CHECKLIST</th> </tr> </thead> <tbody> <tr> <td style="width: 25%;">Oral Comp</td> <td style="width: 5%; text-align: center;"><input type="checkbox"/></td> <td style="width: 25%;">Tech Comp</td> <td style="width: 45%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>History</td> <td></td> <td><input type="checkbox"/> U.S.</td> <td><input type="checkbox"/> GA</td> </tr> <tr> <td>Constitution</td> <td></td> <td><input type="checkbox"/> U.S.</td> <td><input type="checkbox"/> GA</td> </tr> <tr> <td colspan="4">Applied for Graduation <input type="checkbox"/> Yes</td> </tr> </tbody> </table>	GRADUATION REQUIREMENT CHECKLIST				Oral Comp	<input type="checkbox"/>	Tech Comp	<input type="checkbox"/>	History		<input type="checkbox"/> U.S.	<input type="checkbox"/> GA	Constitution		<input type="checkbox"/> U.S.	<input type="checkbox"/> GA	Applied for Graduation <input type="checkbox"/> Yes			
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# CYBER FORENSICS

## 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 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 2

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

### Year 3

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

### Year 4

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

NOTES:

# GENERALIST

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

*Audit Worksheet 2020-2021 Catalog (expires Summer 2026)*

<b>1<sup>st</sup> &amp; 2<sup>nd</sup> Years Gen Ed &amp; Area F</b>	<b>3<sup>rd</sup> &amp; 4<sup>th</sup> Years</b>																								
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<p><b>AREA B – Institutional Options</b> <span style="float: right;">4 HOURS</span></p> <p><i>Area B Elective (ITEC 1001 recommended)</i></p>	<p><b>Upper Level ITEC Electives</b> <span style="float: right;">39 HRS</span></p>																								
<p><b>AREA C – Humanities/Fine Arts</b> <span style="float: right;">6 HOURS</span></p> <p><i>Literature-based Elective</i></p> <p><b>Choose one (circle):</b> ENGL 2111, 2112, 2121, 2122, 2131, 2132, 2141, or 2142</p>																									
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# CYBER FORENSICS

## 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 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 2

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

### Year 3

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

### Year 4

Semester One		Semester Two		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
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NOTES:

# SOFTWARE ENGINEERING

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

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# SOFTWARE ENGINEERING

## 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 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 2

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

### Year 3

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

### Year 4

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

**NOTES:**

# WEB APPLICATIONS DEVELOPMENT

## BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

*Audit Worksheet 2020-2021 Catalog (expires Summer 2026)*

<b>1<sup>st</sup> &amp; 2<sup>nd</sup> Years Gen Ed &amp; Area F</b>	<b>3<sup>rd</sup> &amp; 4<sup>th</sup> Years</b>																				
<p><b>AREA A – Essential Skills</b> 9-10 HOURS</p> <p>ENGL 1101 ENGL 1102 MATH 1111,1112, 1113 , or 1251</p> <p><i>*MATH 1101/ Learning Support may be required based on test scores</i></p> <p><b>AREA B – Institutional Options</b> 4 HOURS</p> <p><i>Area B Elective (ITEC 1001 recommended)</i></p> <p><b>AREA C – Humanities/Fine Arts</b> 6 HOURS <i>Literature-based Elective</i></p> <p><b>Choose one (circle):</b> ENGL 2111, 2112, 2121, 2122, 2131, 2132 , 2141, or 2142</p> <p><b>AREA C Elective</b></p> <p>COMM 1110 or COMM 1100</p> <p><b>AREA D – Nat Science, Math, and Tech</b> 11-12 HOURS <i>Area D Elective Choose one (circle)</i></p> <p>MATH 1401, 1251, 1501, 2252, 2253, 2260, 2270 <b>Lab-Science Electives Choose two (circle):</b> ASTR 1010K, 1020K, BIOL 1001K, 1002K, 2107K, 2108K, 1101K(eCore) * CHEM 1151K, 1152K, 1211K, 1212K GEOL 1011K or 1121K(eCore) 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><b>AREA E – Social Science</b> 12 HOURS</p> <p>*POLS 1101 **HIST 2111, 2112</p> <p><b>Area E Elective Choose two (circle):</b> 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. &amp; Georgia Constitution **Will satisfy the state requirements in U.S. and Georgia History</i></p> <p><b>AREA F MAJOR FIELD</b> 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><b>Choose one (circle)</b> MATH 1251, 2120, 2252, 2253, 2260, 2270</p>	<p><b>IT UPPER DIVISION REQUIREMENTS</b></p> <p><b>IT Upper Level Core Courses</b> 21 HOURS</p> <p>ITEC 3155 Systems Analysis &amp; 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><b>WEB APPLICATIONS DEVELOPMENT</b> 24 HRS</p> <p><b>Required (24 hours)</b> ITEC 4264 Data Structures and Algorithm Analysis ITEC 3280 Web Programming ITEC 4244 Database Programming ITEC 4261 Java Programming ITEC 4269 Client/Server Systems Programming ITEC 4286 Web Applications Development ITEC 4361 Software Security ITEC 4366 Advanced Web Development</p> <p><b>ADDITIONAL COURSES</b> 15 HRS</p>																				
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center; color: red;"><b>GRADUATION REQUIREMENT CHECKLIST</b></th> </tr> </thead> <tbody> <tr> <td style="width: 25%;">Oral Comp</td> <td style="width: 5%; text-align: center;"><input type="checkbox"/></td> <td style="width: 25%;">Tech Comp</td> <td style="width: 45%; text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>History</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>U.S.</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Constitution</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>U.S.</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td colspan="4">Applied for Graduation <input type="checkbox"/> Yes</td> </tr> </tbody> </table>	<b>GRADUATION REQUIREMENT CHECKLIST</b>				Oral Comp	<input type="checkbox"/>	Tech Comp	<input type="checkbox"/>	History	<input type="checkbox"/>	U.S.	<input type="checkbox"/>	Constitution	<input type="checkbox"/>	U.S.	<input type="checkbox"/>	Applied for Graduation <input type="checkbox"/> Yes			
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# WEB APPLICATIONS DEVELOPMENT

## 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 <sup>th</sup>		Optional 6 <sup>th</sup>			

### Year 2

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

### Year 3

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

### Year 4

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

**NOTES:**