

SOFTWARE ENGINEERING

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

Audit Worksheet *MATH 1101 is required if SAT Math < 550 or ACT < 24

	<p>IT UPPER DIVISION REQUIREMENTS 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>AREA B – Institutional Options 4 HOURS</p> <p>Area B Elective (ITEC 1001 recommended)</p>	
<p>AREA C – Humanities/Fine Arts 6 HOURS Literature-based Elective</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 Area D Elective Choose one (circle)</p> <p>MATH 1200, 1401, 1251, 1501, 2252, 2253, 2260, 2270</p> <p>Lab-Science Elective 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>SOFTWARE ENGINEERING 30 HRS</p> <p>Required (30 hours)</p> <p>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>

*Students cannot receive graduation credit for both

Degree Map

Year 1

Fall Session		Spring Session		Summer Session (optional)	
1		1		1	
2		2		2	
3		3			
4		4			
5		5			