



**COLLEGE OF ENGINEERING AND COMPUTING**  
**DEGREE CURRICULUM SHEET | 2018-2019 CATALOG**  
**Bachelor of Science - Information Technology**

Freshman Year				
Fall		Winter		
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>	
UNIV First Year Seminar	3	Open Written Communication	3	
Open Arts & Humanities	3	Open Arts & Humanities	3	
MATH 1200 Precalculus Algebra (or higher)	3	MATH 2020 Applied Statistics	3	
CSIS 1800 Introduction to Computer Science and Computer Info Systems	3	Open Elective	3	
Open Elective	3	Open Elective	3	
Total Credits	15	Total Credits	15	

Sophomore Year				
Fall		Winter		
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>	
Open Written Communication	3	CSIS 4530 Database Management	3	
Open Science	3	CSIS 4351 Human-Computer Interaction	3	
Open Social & Behavioral Sciences	3	Major Elective	3	
CSIS 2101 Fundamentals of Comp. Programming	4	Open Elective	3	
Open Elective	3	Open Elective	3	
Total Credits	16	Total Credits	15	

Junior Year				
Fall		Winter		
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>	
CSIS 3500 Networks and Data Communication	3	Open Social & Behavioral Sciences	3	
CSIS 3020 Web Programming and Design	3	Open Science	3	
Major Elective	3	CSIS 4311 Web Services and Systems	3	
Open Elective	3	Major Elective	3	
Open Elective	3	Open Elective	3	
Total Credits	15	Total Credits	14	

Senior Year				
Fall		Winter		
<u>Course</u>	<u>Credits</u>	<u>Course</u>	<u>Credits</u>	
CSIS 4010 Computer Security	3	Tech 4900 Directed Project or TECH 4950 Internship in	3	
CSIS 3023 Legal and Ethical Aspects of Computers	3	CSIS 4501 Wireless Network Infrastructures	3	
Major Elective	3	Major Elective	3	
Open Elective	3	Open Elective	3	
Open Elective	3	Open Elective	3	
Total Credits	15	Total Credits	15	

**TOTAL CREDITS: 120**

*\*This sample plan is based on the student starting at least at the level of MATH 1200: Pre calculus Algebra. The plan will need to be adjusted for students who begin at a lower level of MATH.*