

**Major Courses**

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
CS	101	Intro to Computers & Information Technology	5		
CS	102	Programming Fundamentals <i>or</i>	5		
CS&	131	Computer Science I C++	5		
CS	106	Database Systems	5		
CS	117	Computer Ethics	2		
CS	118	Customer Service	3		
CS&	141	Computer Science I Java	5		
CS	150	Computer Security	5		
CS	162	C++2 <i>or</i>	5		
CS	202	Programming Fundamentals 2	5		
CS	206	Database Design	5		
CS	221	SQL Server Administration	5		
CS	225	SQL Server Programming	5		
CS	228	Windows Server	5		
CS	232	Network Security	5		
CS	236	Advanced Object Oriented Programming	5		
CS	250	HTML 5- JavaScript/JQuery	5		
CSIT	301	Information Systems	5		
CSIT	306	Big Data and Analysis	5		
CSIT	311	Python for Data Processing	5		
CSIT	316	Cloud Computing HTML5 and PHP	5		
CSIT	401	Information Systems Analysis and Design	5		
CSIT	411	Agile Methodology & ePortfolio Planning	5		
CSIT	416	Data Visualization	5		
CSIT	421	IT Capstone	5		
CSIA	310	E-Commerce Security <i>or</i> an CSIA course 300-level <i>or</i> above	5		

**Subtotal 115**

**Major Support**

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
PROJ	100	Introduction to Project Management	5		

**Subtotal 5**

## General Education

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
<b>Communication (select 10 credits)</b>					
ENGL&	101	English Composition I	5		
ENGL&	102	Composition II <b>or</b>	5		
ENGL&	235	Technical Writing <b>or</b>	5		
ENGL	410	Professional & Organizational Communication	5		
<b>Quantitative/Symbolic Reasoning (select 5 credits from the list below)</b>					
MATH&	141, 142, 144, 146, 148, 151, 152, 153		5		
<b>Social &amp; Behavioral Sciences (select 10 credits)</b>					
PSYC&	100	General Psychology <b>or</b>	5		
		Choose any course from this distribution	5		
SOC	305	Cybercrime: A Sociological Perspective			
<b>Humanities (10 credits)</b>					
ICS	310	American Diversity	5		
PHIL	305	Professional Ethics	5		
<b>Mathematical &amp; Natural Science (select 10 credits)</b>					
		Choose any course from this distribution list	5		
		Choose a lab science from this distribution list	5		
<b>Additional Electives from the above distribution lists (select 15 credits)</b>					
Program advisor approved Communication, Quantitative/Symbolic Reasoning, Social & Behavioral Sciences, Humanities, <b>or</b> Mathematical & Natural Sciences					
			5		
			5		
			5		

**Subtotal**      **60**  
**Total Credits Required**      **180**

**DEGREE NOTES:**

- Students must earn a minimum 2.0 grade in all CSIA and CSIT courses.
- Students must earn a minimum 2.5 grade in all CS courses.
- Required minimum cumulative GPA 2.0.
- MATH 094 or MATH 095 or MATH 096 or MATH 098 or MATH 050 or MATH 070 or MATH 072 with minimum grade 2.0 is prerequisite for all programming classes.