



**Bachelor of Science in:
Computer Science**

For Students Following the:
2011-2012 catalog
2012-2013 catalog
2013-2014 catalog
2014-2015 catalog
2015-2016 catalog

Name:
Student ID:
Catalog Year:

SUPPORT COURSES (15 Hours)					
Course		Pre-req	Credits	Term	Grade
MAT 128	Calculus A	MAT 119 (≥ B-)	3		
MAT 227	Calculus B	MAT 128	3		
MAT 228	Calculus C	MAT 227	3		

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OR

MAT 129	Calculus I	MAT 119 (≥ B-)	4		
MAT 229	Calculus II	MAT 129 or MAT 227	5		

AND

STA 250	Probability and Statistics I	MAT 129 or Co-req MAT 227	3		
MAT 385	Discrete Mathematics	MAT 228 or MAT 229	3		

INFORMATICS CORE COURSES (15 Hours)					
Course		Pre-req	Credits	Term	Grade
INF 120	Elementary Programming (or placement)	MAHD099	3		
INF 260 / CSC 260	Object-Oriented Programming I	MAT 109 & INF 110 or INF 120	3		
INF 282	Introduction to Databases	MAHD099	3		
INF 284	Introduction to Network and Data Communication	MAT 109 & INF 110 or INF 120 or CIT 130	3		
OR					
CIT 247	Networking Fundamentals	CIT 130	3		
INF 286	Introduction to Web Development	MAT 109 & INF 110 or INF 120	3		

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COMPUTER SCIENCE CORE COURSES (24 Hours)					
Course		Pre-req	Credits	Term	Grade
CSC 360	Object-Oriented Programming II	INF/CSC 260 & MAT 119 (≥ B-)	3		
CSC 362	Computer Systems	CSC 360	3		
CSC 364	Data Structures and Algorithms	CSC 360	3		
CSC 402	Advanced Programming Methods	CSC 362 & CSC 364	3		

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CSC 439	Software Testing & Maintenance	CSC 364 & Senior Standing	3		
CSC 440	Software Engineering	CSC 402 & CSC 439 & Senior Standing	3		
CSC 460	Operating Systems	CSC 362 & CSC 364	3		
CSC 485	Theory of Computation	MAT 385	3		

ELECTIVES (9 Hours)					
Course		Pre-req	Credits	Term	Grade
CSC 3xx-4xx			3		
CSC 4xx			3		
CSC 4xx			3		

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Students must have a grade of C- or better to meet prerequisites for all courses unless otherwise indicated and must earn a grade of C- or better in all courses that apply to the major. Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.

ALSO:

For the elective options students cannot use both CSC 415 and CSC 416 to fulfill these requirements. Only one of the two courses can be used.