



**Bachelor of Science in:  
Computer Science**

**For Students Following the:  
2017-2018 catalog  
2018-2019 catalog**

Name:
Student ID:
Catalog Year:

CALCULUS SUPPORT COURSES (9 Hours)					
(choose one calculus sequece)					
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		
OR					
MAT 129	Calculus I	MAT 119 (≥ B-)	4		
MAT 229	Calculus II	MAT 129 or MAT 227	5		

OFFICE USE ONLY
Approved Exceptions

Successful MAT 129 CLEP

ADDITIONAL MATH SUPPORT COURSES (6 Hours)					
Course		Pre-req	Credits	Term	Grade
STA 250	Probability and Statistics I	MAT 129 or Co-req MAT 227	3		
MAT 385	Discrete Mathematics	MAT 228 or MAT 229	3		

OFFICE USE ONLY

INFORMATICS CORE COURSES (12 Hours)					
Course		Pre-req	Credits	Term	Grade
INF 120	Elementary Programming (or placement)	MAHD099	3		
INF 282	Introduction to Databases	MAHD099 (≥ C)	3		
INF 284	Introduction to Networks 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 or CSC 260	3		

OFFICE USE ONLY
Approved Exceptions
Successful INF 120 CPLE
Successful CIT 247 Competency Exam
Successful INF 286 CPLE

COMPUTER SCIENCE CORE COURSES (27 Hours)					
Course		Pre-req	Credits	Term	Grade
CSC 260	Object-Oriented Programming I	MAT 109 & INF 110 or INF 120	3		
CSC 360	Object-Oriented Programming II	CSC 260 & MAT 119 (≥ B-)	3		
CSC 362	Computer Systems	CSC 360	3		

OFFICE USE ONLY
Approved Exceptions
Successful CSC 260 CPLE

CSC 364	Data Structures and Algorithms	CSC 360	3		
CSC 402	Advanced Programming Methods	CSC 362 & CSC 364	3		
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		
CSC 491	Comprehensive Examination	Senior Standing	0		


<b>CSC MAJOR ELECTIVES (9 Hours)</b>					
<i>Only one of CSC 415 or CSC 416 may count towards this requirement. MAT 360 may count for either a 300 or 400-level course.</i>					
CSC 3xx-4xx			3		
CSC 4xx			3		
CSC 4xx			3		

<b>OFFICE USE ONLY</b>
<b>Approved Exceptions</b>

Students must have a grade of "C-" or better to meet pre-requisites for all courses unless otherwise indicated.  
 Students also must earn a grade of "C-" or better in all courses that apply to the major and a minimum 2.00 major GPA.  
 Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.