COLLEGE OF INFORMATICS
COMPUTATION ■ INFORMATION ■ COMMUNICATION

Bachelor of Science in:
Computer Science

For Students Following the:
2019-2020 catalog
2020-2021 catalog
2021-2022 catalog
2022-2023 catalog
2023-2024 catalog
2024-2025 catalog

Name:
Student ID:
Catalog Year:

CALCULUS SUPPORT COURSES (9 Hours)						Notes
(choose one calculus sequence)						
Course		**Pre-req**	**Credits**	**Term**	**Grade**	**Notes**
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**			**Successful MAT 129 CLEP**
MAT 229	Calculus II	MAT 129 or MAT 227	**5**			

ADDITIONAL MATH SUPPORT COURSES (6 Hours)						
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 (10 Hours)						Notes
Course		**Pre-req**	**Credits**	**Term**	**Grade**	**Notes**
INF 100	Orientation to College of Informatics	Freshman Standing or Department Approval	**1**			
INF 120	Elementary Programming	MAT 102 or MAT 114 or placement	**3**			**Successful INF 120 CPLE**
INF 284* **OR**	Introduction to Computer Networks	MAT 102 & one of INF 110, INF 120 or CIT 130	**3**			
CIT 247*	Networking Fundamentals	CIT 130, CIT 171 & INF 284	**3**			**Successful CIT 247 Competency Exam**
INF 286	Introduction to Web Development	MAT 103 & one of INF 110, INF 120 or CSC 260 (pre-req or co-req)	**3**			**Successful INF 286 CPLE**

COMPUTER SCIENCE CORE COURSES (30 Hours)						Notes
Course		**Pre-req**	**Credits**	**Term**	**Grade**	**Notes**
CSC 260	Object-Oriented Programming I	MAT 103 & one of INF 110, INF 120, CSC 270 or placement	**3**			**Successful CSC 260 CPLE**
CSC 360	Object-Oriented Programming II	CSC 260 & MAT 119 (≥ B-)	**3**			**Successful CSC 360 CPLE**
CSC 350	Database Programming	CSC 360	**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				
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				

CSC MAJOR ELECTIVES (9 Hours)					Notes
No more than 6 hours of CSC 392, CSC 399, CSC 492, or CSC 499 may count toward this requirement. CIT 381 may count for a 300-level course. MAT 360 may count for either a 300 or 400-level course.					
CSC 3xx-4xx			3		
CSC 4xx			3		
CSC 4xx			3		

* Students with the current certification** (at the time of registering the class(es)) can have course credits based on the following course mappings:
  - ■ CompTIA Network+ → INF 284: Introduction to Computer Networks
  - ■ Cisco Certified Entry Networking→CIT 247: Networking Fundamentals

Students need to have a copy of their certification stored in their student file to obtain the above course credits.

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