

Students must complete the following courses for an Associate of Science in Computer Science.

ENGL 111	English Composition	3	ENG 101	
COMM 101	Fundamentals of Public Speaking	3	CMST 101	
MATH 211	Calculus I	4	MAT 129	
MATH 212	Calculus II	4	MAT 227	
BIOL 105 or CHE 105 or PHYS 220	Biology I Molecular and Cellular Processes or General Chemistry I or Mechanics	5	BIO 150/150L CHE 120/120L PHY 200G/ PLAB 200G	
BIOL 107 or CHEM 106 or PHYS 221	Biology II Diversity of Life or General Chemistry II or Heat, Electricity and Optics	5	BIO 151/151L CHE 121/121L PHY 200G/ PLAB 200G	
TBS XXX	Social and Behavioral Ways of Knowing	3-4	TBD XXX	
TBS XXX	Humanistic and Artistic Ways of Knowing	3-4	TBD XXX	

Students must complete the following for a B.S. in Computer Science

INF 100	Orientation to College of Informatics	1	Waived for students with AS degree	
INF 120	Elementary Programming	3	SDEV 220	x
INF 284 or CIT 247	Introduction to Networks and Data Communication or Networking Fundamentals	3	NETI 105	
INF 286	Introduction to Web Development	3	SDEV 153	
CSC 260	Object-Oriented Programming I	3	CSCI 101 + CSCI 201 + CSCI 202 = CSC 260 + CSC 360 + CSC 100T	x
CSC 350	Database Programming	3		
CSC 360	Object-Oriented Programming II	3	CSCI 101 + CSCI 201 + CSCI 202 = CSC 260 + CSC 360 + CSC 100T	x
CSC 362	Computer Systems	3		
CSC 364	Data Structures and Algorithms	3		
CSC 402	Advanced programming Methods	3		
CSC 439	Software Testing and Maintenance	3		
CSC 440	Software Engineering	3		
CSC 460	Operating Systems	3		
CSC 485	Theory of Computation	3		
CSC 491	Comprehensive Examination	0		
CSC XXX	Select one 300/400-level CSC course not included above. (see catalog)	3		
TBS XXX TBS XXX	Select two 400-level CSC courses not included above; only one of CSC 415 or CSC 416 may count; MAT 360 may count for either a 300- or 400-level course.	6		

MAT 128 and
MAT 227 and
MAT 228
OR
MAT 129 and
MAT 229

Calculus A, B and C or

Calculus I and II

MATH 211

9

