

COMPUTER SCIENCE (B.S.)

Curriculum Map

Course	Title	Hours
Freshman		
Fall		
ENG 104 or ENG 103 or ENG 111	COMPOSITION I or English Composition I with Co-requisite Support or COMPOSITION & LITERATURE FOR L	3
CSC 118	COMPUTER SCIENCE I	3
MATH 241	CALCULUS I WITH LABORATORY	3
UNIV 100	UNIVERSITY SUCCESS	2
Humanities & Fine Arts Option		3
Social & Behavioral Science Option		3
Hours		17
Spring		
CSC 119	COMPUTER SCIENCE II	3
CSC 225	DISCRETE STRUCTURES	3
ENG 105 or ENG 112	COMPOSITION II or COMPOSITION	3
MATH 242	CALCULUS II WITH LABORATORY	3
Pathway Option		3
Hours		15
Sophomore		
Fall		
CSC 228	DATA STRUCTURES & ALGORITHMS	3
ECE 212 & ECEL 212	DIGITAL LOGIC and DIGITAL LOGIC LABORATORY	4
MATH 243	CALCULUS III WITH LABORATORY	3
Natural Science Option w/Lab		3
Pathway Option		3
Hours		16
Spring		
CHEM 141 & CHML 141	GENERAL CHEMISTRY I and GENERAL CHEMISTRY LAB (Science Elective II)	4
CSC 215	DATA ANALYTICS (N)	3
CSC 216	COMPUTER ARCHITECTURE & ORGNZA	3
MATH 307	PROBLTY & STATISTICS/ENGINEERG	3
UNIV 200	CIVIC ENGAGEMENT	1
Pathway Option		3
Hours		17
Junior		
Fall		
CSC 325	OPERATING SYSTEMS	3
CSC 350	ORGANIZATION OF PROGRAM LANGUA	3
CSC 390	COMPUTER SCIENCE SEMINAR	1
PHY 211 & PHYL 211	General Physics I and GENERAL PHYSICS LAB I	4
Humanities & Fine Arts Option		3
Hours		14
Spring		
CSC 323	ALGORITHM DESIGN AND ANALYSIS	3
CSC 330	DATABASE SYSTEMS	3
Humanities & Fine Arts Option		3
CSC 360 Client Server Programming		3
Social & Behavioral Science Option		3
Hours		15
Senior		
Fall		
CSC 435	COMPUTER NETWORKS	3
CSC 437	COMPUTER SECURITY	3

CSC 475	SOFTWARE ENGINEERING	3
Computer Science Elective I		3
Computer Science Elective II		3
Hours		15
Spring		
CSC 450	SENIOR PROJECT	3
Computer Science Elective III		3
Computer Science Elective III		3
Computer Science Elective IV		3
Hours		12
Total Hours		121

Notes:

- Candidates that transfer 12 or more hours of college credit are exempt from UNIV 100 UNIVERSITY SUCCESS; however, the student must take 2 hours of general electives to replace the UNIV course.
- On-line Graduation Clearance (**to be completed during the graduating semester only**).