

Systems Programming Option		
Fall Freshmen Year		
UCCP 1101	First-Year Seminar I (First-Year Seminar Core)	1 sem. Hrs.
COMM 1311	Foundation of Communication (University Core)	3 sem. Hrs.
COSC 1435	Introduction to Problem Solving	4 sem. Hrs.
MATH 2413	Calculus I (University Core)	4 sem. Hrs.
Univ. Core	Social and Behavioral Sciences	3 sem. Hrs.
Total: 15 sem. Hrs.		
Spring Freshmen Year		
UCCP 1102	First-Year Seminar II (First-Year Seminar Core)	1 sem. Hrs.
ENGL 1302	Writing and Rhetoric	3 sem. Hrs.
COSC 1436	Introduction to Problem Solving II	4 sem. Hrs.
Math 2305	Discrete Mathematics I	3 sem. Hrs.
Univ. Core	Creative Arts	3 sem. Hrs.
Total: 14 sem. Hrs.		
Fall Sophomore Year		
POLS 2305	U.S. Government and Politics (University Core)	3 sem. Hrs.
COSC 2334	Computer Architecture	3 sem. Hrs.
COSC 2437	Data Structures	4 sem. Hrs.
MATH 2414	Calculus II	4 sem. Hrs.
Total: 14 sem. Hrs.		
Spring Sophomore Year		
POLS 2306	State and Local Government (University Core)	3 sem. Hrs.
COSC 3324	Object-Oriented Programming	3 sem. Hrs.
COSC 3353	Survey of Programming Languages	3 sem. Hrs.
COSC 3400	Skills for Computing Professionals	4 sem. Hrs.
Univ. Core	Language, Philosophy, and Culture	3 sem. Hrs.
Total: 16 sem. Hrs.		
Fall Junior Year		
MATH 3345	Statistical Modeling and Data Analysis	3 sem. Hrs.
COSC 3336	Introduction to Database Systems	3 sem. Hrs.
COSC 3370	Software Engineering	3 sem. Hrs.
COSC 3385	Numerical Methods	3 sem. Hrs.
Science I	Science sequence I (University Core)	4 sem. Hrs.
Total: 16 sem. Hrs.		
Spring Junior Year		
HIST 1301	U.S. History to 1865 (University Core)	3 sem. Hrs.
COSC 3346	Operating Systems	3 sem. Hrs.
COSC Elective	Approved upper-division Computer Science course	3 sem. Hrs.
COSC Elective	Approved upper-division Computer Science course	3 sem. Hrs.
Science II	Science sequence II (University Core)	4 sem. Hrs.
Total: 16 sem. Hrs.		
Fall Senior Year		
Hist 1302	U.S. History Since 1865 (University Core)	3 sem. Hrs.

COSC 4342	Computer Networks	3 sem. Hrs.
COSC 4343	Algorithms	3 sem. Hrs.
COSC Elective	Approved upper-division Computer Science course	3 sem. Hrs.
Theory Group	Theory Group	3 sem. Hrs.
		Total: 15 sem. Hrs.
Spring Senior Year		
MATH 4328	Discrete Mathematics II	3 sem. Hrs.
COSC 4348	Systems Programming	3 sem. Hrs.
COSC 4354	Senior Capstone Project	3 sem. Hrs.
COSC Elective	Approved upper-division Computer Science course	3 sem. Hrs.
Math/Science	Upper-division Math or 2000+ Natural Science Course	3 sem. Hrs.
		Total: 15 sem. Hrs.