

Bachelor of Science

Major: Computer Science

2024-2025 Sample 4Year Plan

Total Degree Requirements: 120 credits

Student

Student ID#

THIRD YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semeste	Grade
CSC 354	Systems Programming	p. CSC 346 (\geq C)	3	F	
Natural Science	Choose one of the following:	BIOL 151/ CHEM 112/PHYS 111/PHYS 207	4		
SE 305	Found. Of Software Engineering	p. CSC 300, (\geq C)	3	F	
SGR #3	Social Sciences (SGR #3)		3		
STAT 281	Statistical Methods I	p. MATH 103 or higher	3		
		Total Credit Hours	16		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semeste	Grade
CSC 461	Programming Language	p. CSC 300, (\geq C)	3	S	
CSC 484	Database Management	p. CSC 300, (\geq C)	3	S	
MATH 374	Scientific Computation I	p. CSC 150, MATH 125	3		
SE 306	Software Project Management & Testing	p. SE 305, (\geq C)	3	S	
		Total Credit Hours	12		

FOURTH YEAR

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semeste	Grade
CSC 445	Intro to Theory of Computation	p. CSC 250 (\geq C), MATH 253, and MATH 316	3	F	
CSC 456	Operating Systems	p. CSC 300, CSC 314, (\geq C)	3	F	
CSC 464	Senior Design I	p. CSC 484 or SE 306, (\geq C)	2	F	
CSC ELEC	CSC ELECTIVE OPTION	FROM CSC ELECTIVES, (requires grade \geq C)	3		
CSC ELEC	CSC ELECTIVE OPTION	FROM CSC ELECTIVES, (requires grade \geq C)	3		
		Total Credit Hours	14		

Spring

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semeste	Grade
CSC 446	Compiler Construction	p. CSC 300, CSC 445, (\geq C)	3	S	
CSC 465	Senior Design II	p. CSC 464 (\geq C)	2	S	
CSC ELEC	CSC ELECTIVE OPTION	FROM CSC ELECTIVES, (requires grade \geq C)	3		
CSC ELEC	CSC ELECTIVE OPTION	FROM CSC ELECTIVES, (requires grade \geq C)	3		
SGR #4	Arts & Humanities (SGR #4)		3		
		Total Credit Hours	14		

COMMENTS/NOTES

Students from all academic majors can pursue graduation with Fishback Honors College distinction. View the [Honors program requirements](#).