



Bachelor of Science
Major: Computer Science
2023-2024 Sample 4-Year Plan

Total Degree Requirements: 120 credits

Student Student ID# Student Phone #

Advisor Minimum GPA 2.0 Minor/Career Interest(s)

Students are not limited to this plan; it is meant to be used as a guide for planning purposes in consultation with your advisor. The sample schedule is one possible path to completing your degree within four years. For official program requirements, please refer to the Undergraduate Catalog.

First Year

Fall

Table with 6 columns: Prefix + Number, Course Title, Prerequisites/Comments, Credits, Semester, Grade. Rows include CSC 100L, CSC 150, ENGL 101, GE 101, MATH 123, SGR #4, and Total Credit Hours (15).

Spring

Table with 6 columns: Prefix + Number, Course Title, Prerequisites/Comments, Credits, Semester, Grade. Rows include CMST 101, CSC 250, ENGL 277, INFO 102, MATH 125, and Total Credit Hours (16).

Second Year

Fall

Table with 6 columns: Prefix + Number, Course Title, Prerequisites/Comments, Credits, Semester, Grade. Rows include CSC 244, CSC 244L, CSC 300, CSC 314, MATH 250, SGR #6, and Total Credit Hours (17).

Spring

Table with 6 columns: Prefix + Number, Course Title, Prerequisites/Comments, Credits, Semester, Grade. Rows include CSC 303, CSC 317, CSC 346, MATH 316, SGR #6, and Total Credit Hours (16).



Third Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	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	Foundations 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	Semester	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 and Testing	p. SE 305, (\geq C)	3	S	
Total Credit Hours			12		

Fourth Year

Fall

Prefix + Number	Course Title	Prerequisites/Comments	Credits	Semester	Grade
CSC 445	Introduction 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	Semester	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](#).

A grade of "C" or above is required in all Computer Science and Software Engineering courses.