

APPLIED COMPUTER PROGRAMMING, BS

Example Plan of Study

Finish in Four Plan of Study

The plan below is an **example** of how students can successfully complete degree requirements in four years. This suggested class schedule plan may be used as a guide and can be adjusted based on individual needs. Students are required to meet with an academic advisor prior to enrollment each semester to plan their class schedule, and students are ultimately responsible for completing all degree requirements.

Course	Title	Hours
Freshman		
Fall		
MATH 1813 or PHIL 1313	Preparation for Calculus (Q) or Logic and Critical Thinking (Q)	3
CS 1103	Computer Programming (Q)	3
CS 1113	Computer Science I (Q)	3
General Education courses		6
Hours		15
Spring		
MATH 2144	Calculus I (Q)	4
CS 2133	Computer Science II	3
General Education courses		8
Hours		15
Sophomore		
Fall		
CS 3653	Discrete Mathematics for Computer Science	3
CS 2433	C/C++ Programming	3
Upper-division related		3
General Education courses		6
Hours		15
Spring		
CS 3443	Computer Systems	3
CS 4153	Mobile Applications Development	3
Major, College, and Elective courses		6
Upper-division elective		3
Hours		15
Junior		
Fall		
CS 3353	Data Structures and Algorithm Analysis I	3
CS 4243	Introduction to Computer Security	3
CS 4273	Software Engineering	3
Major, College, and Elective courses		6
Hours		15
Spring		
STAT 4013	Statistical Methods I (Q)	3
CS 4433	Introduction to Database Systems	3
BCOM 3113 or BCOM 3223 or ENGL 3323	Written Communication or Oral Communication or Technical Writing	3
Major, College, and Elective courses		6
Hours		15
Senior		
Fall		
CS Elective		3
CS 3363	Organization of Programming Languages	3
CS 4273	Software Engineering	3

Major, College, and Elective courses		6
Hours		15
Spring		
CS 4883	Social Issues in Computing	3
CS 4983	Senior Capstone Project	3
Upper-division related		3
Major, College, and Elective courses		6
Hours		15
Total Hours		120