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	Preparation for Calculus (A)	3
or PHIL 1313	or Logic and Critical Thinking (A)	
CS 1113	Computer Science I (A)	3
General Education courses		9
	Hours	**15**
Spring		
MATH 2144	Calculus I (A)	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 1103	Computer Programming (A)	3
CS 3443	Computer Systems	3
CS 4153	Mobile Applications Development	3
Major, College, and Elective courses		6
	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 (A)	3
CS 4433	Introduction to Database Systems	3
BCOM 3113	Written Communication	3
or BCOM 3223	or Oral Communication	
or ENGL 3323	or Technical Writing	
Major, College, and Elective courses		6
	Hours	**15**
Senior		
Fall		
CS Elective		3
Upper-division related		3
CS 3363	Organization of Programming Languages	3
Major, College, and Elective courses		6
	Hours	**15**
Spring		
CS 4883	Social Issues in Computing	3
CS Elective		3
Upper-division related		3
Major, College, and Elective courses		6
	Hours	**15**
	Total Hours	**120**