Bachelor of Science in Software Engineering

Catalog Year: 2051 Total Degree Credit Hours: 125

A-1	ENGL 110€omposition I	3	
A-1	ENGL 110@composition II	3	
A-2	MATH 1190Calculus I	4	

Area A: Essential Skills (10 credit hours)
All Area A courses must be completed within the first
30 credit hours with a grade of C or higher.

B-1	ECON 100Contemporary Economic Issues	2	
B-2	COM 1100Human Communication	3	

Area B: Institutional Options (5 credit hours) COM 1100 is essential for Software Engineering major

C-1	ENGL 2110, 2111, 2112, 2120, 2121, 212, 2130, 2131, 2132pr 2300	3	
C-2	ART 1107, MUSI 1107, DANC 11077,PS 1107	3	

Area C: Humanities, Fine Arts, and Ethics (6 cr hrs Choose one course from each area.

D-1 MATH 2202Calculus II 4

E-1 POLS 110American Government 3

Prerequisites

CSE 1321/L and CSE 1322/L must have a minimum grade of 'B.'

Prerequisites

Math/Science Electives	Varies	6	
Make an appointmentwith a CCSE Academic Advisor to disthuss			
course options for this requirement			
PHYS 2211/Principles of Physics I	MATH 1190	4	
CSE 315Batabase Systems	CSE 1322/L	3	
CSE 380Professional Practices and Ethics	CSE 1322/L	2	
CS 3305/IData Structures	CSE 1322/L (MATH 2345/CSE2300)	4	
CS 3503/IComputer Organization & Architecture	CSE 1322/L	4	
CS 3502Dperating Systems	CS 3503/L & CS 3305/L	3	
SWE 3313 Intro to Software Engineering	CSE 1322/L	3	
SWE 362 \$ oftware Systems Requirements	SWE 3313 &MATH 2345CSE 2300	3	
SWE 363\$oftware Architecture and Design	SWE 3313	3	
SWE 364\$oftware Testing & Quality Assurance	SWE 3313	3	•

All major courses must have a minimum grade of 'C,' except for CSE 1321/L and CSE 1322/L, which must have a minimum grade of 'B.'

Prerequisites