

# Bachelor of Science in

## General Education Requirements

A-2	MATH 1190 Calculus I	4	
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B-1	ECON 1000 Contemporary Economic Issues	2	
B-2	COM 1100 Human Communication	3	

C-1	ENGL 2110, 2111, 2112, 2120, 2121, 2122, 2130, 2131, 2132, or 2300	3	
C-2	ART 1107, MUSI 1107, DANC 1107, or TPS 1107	3	

D-1	MATH 2202 Calculus II	4	
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### 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.

### Area B: Institutional Options (5 credit hours)

COM 1100 is essential for Software Engineering majors.

### Area C: Humanities, Fine Arts, and Ethics (6 cr hrs)

Choose one course from each area: ENGL 1101, GEOG 1101, PSYC 1101

### Area E: Social Sciences (12 credit hours)

Choose one course from each area for E-2, E-3, & E-4.

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	Co-req w/ MATH 1112, 1113, 1190 or CSE 1300	4	
	Minimum grade of 'B' in CSE 1321/L	4	
	MATH 1112, 1113, or 1190	3	
	MATH 1113 & CSE 1321/L		
	ENGL 1102	3	
	MATH 1190	3	


## Prerequisites

<b>Math/Science Electives</b> Make an appointment with a CCSE Academic Advisor to discuss the course options for this requirement	Varies	6	
<b>Science Elective***</b> ***IF PHYS 2211/L WAS NOT COMPLETED IN AREA D, IT MUST BE COMPLETED HERE. IF PHYS 2211/L WAS COMPLETED IN AREA D, STUDENTS MAY TAKE EITHER BIOL 1107/L OR CHEM 1211/L TO MEET THIS REQUIREMENT.***	Varies	4	
<b>CSE 3153 Database Systems</b>	CSE 1322/L	3	
<b>CSE 3801 Professional Practices and Ethics</b>	CSE 1322/L	2	
<b>CS 3305/L Data Structures</b>	CSE 1322/L & (MATH 2345/CSE 2300)	4	
<b>CS 3503/L Computer Organization &amp; Architecture</b>	CSE 1322/L	4	

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