

General Education Requirements (See Degree works for Prerequisites)

A-2	Composition II	3	
	MATH 1112 College Trigonometry	3	
	MATH 1113 Precalculus		

Area B: Institutional Options (5 credit hours)

COM 1100 is essential / P < W n BT 11.04 c t

-2	COM 1100 Human Communication	3	
----	------------------------------	---	--

	American Government	3	
E-2	HIST 2111 or 2112 US History	3	
E-3	HIST 1100, 1111 or 1112 World History	3	
E-4	CRJU 1101, GEOG 1101, PSYC 1101, SC 1101, STS 1101, ANTH 1101 or ECON 2100	3	

Area E: Social Sciences (12 credit hours)

Choose one course from each area for E2, E3, & E4.

CSE 1321/Programming & Problem Solving I	Coreq w/ MATH 1112, 1113, 1190 or CSE 1300	4	
CSE 1322/Programming & Problem Solving II	Minimum grade of 'B' in CSE 1321/L	4	
MATH 2202/Calculus II	MATH 1190	4	
Science Major Course*** ***STUDENTS MUST COMPLETE AN ADDITIONAL LECTURE/LAB SCIENCE COURSE FROM THE OPTIONS LISTED IN AREA D, BUT IT MUST BE DIFFERENT FROM THE SCIENCES COURSES USED TO MEET THE AREA D SCIENCE SEQUENCE REQUIREMENTS.***	Varies	4	
Carryover credit hour from Area D Math	See Area D Math requirement	1	
Carryover credit hour from Area D Group 2 Science Lab	See Area D Science requirement	1	

--	--

Prerequisites

CS 3305/Data Structures	CSE 1322/L & MATH 2345	4	
CS 3503/Computer Organization & Architecture	CSE 1322/L	4	
CS 3502/Operating Systems	CS 3503/L & CS 3305/L	3	
SWE 3313/Intro to Software Engineering	CSE 1322/L	3	
CS 3410/Introduction to Database Systems	CSE 1322/L	3	
CS 4306/Algorithm Analysis	CS 3305/L	3	
CS 4504/Distributed Computing*	CS 3502	3	
CS 4720/Internet Programming*	CS 3305/L & CS 3410/CSE 3153	3	
CS 4308/Programming Languages	CS 3503/L & CS 3305/L	3	
CSE 3800/Professional Practices and Ethics	CSE 1322/L	2	
CS 4850/Senior Project	CS3502 & 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.'

*Alternative can be used as a Major Elective

TCOM 2010

Potential other Upper-Level Math courses with coordinator approval.

Prerequisites

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.'