

# Bachelor of Arts in Applied Computer Science

This is a GATED PROGRAM  
 Catalog Year: 2019

Updated 5/7/2019  
 Total Degree Credit hours: 120

## General Education Requirements (See DegreeWorks or catalog for prerequisites)

A-1	ENGL 1101 Composition I	3	
	ENGL 1102 Composition II	3	
A-2	MATH 1113 Pre-Calculus or MATH 1112 College Trigonometry	3	

**Area A: Essential Skills 9 credit hours**  
 Must complete all three requirements in this area within first 30 credit hours.  
 Students must have C or better in all three courses.

B-1	ECON 1000 Contemporary Economic Issues	2	
B-2	FL 1002 I.B. 1.6.28 0.481 14.52 re8C.7.54t 14		

-IBDC 56v00

course from both groups.

	CHEM 1212/L or BIOL 1107/L		
--	----------------------------	--	--

**Area D: Science, Math & Technology 11 credit hours**  
 "L" denotes accompanying lab section.

E-1	POLS 1101 American Government	3	
E-2	HIST 2111/2112 US History	3	
E-3	HIST 1100/1111/1112 World History	3	
E-4	CRJU/GEOG/PSYC/SOCI/STS 1101, ANTH 1102 or ECON 2100	3	

**Area E: Social Sciences 12 credit hours**  
 Choose one course from each group for requirements E-2 to E-4.

## Area F Lower Division Major Requirements (18 credit hours)

Students must complete CSE 1321/L and CSE 1322/L with a 'B' or better to be admitted to this major.

		Prerequisites	
F-1	CSE 1321/L Programming and Problem Solving I w/lab	Co-req: MATH 1112/1113/1190 or CSE 1300	4
F-2	CSE 1322/L Programming and Problem Solving II w/lab	'B' or better in CSE 1321/L	4

F-

## Interdisciplinary Concentration (15-18 hours)

*Must have C or better in all courses in the concentration.*

*Please see advisor or coordinator to discuss courses in concentration.*

Students may propose an alternative concentration/minor. Must have coordinator approval.

Data Mining, Applied Statistics, and HPC
--

High Performance Computing (HPC)
----------------------------------

Applied Computing
-------------------

Computing and Information Systems
-----------------------------------