Bachelor of Applied Science in Information Technology

Catalog Year: 2020-2021   Total Degree Credit Hours: 120

General Education Requirements   (See Degreeworks for Prerequisites)

A-1	**ENGL 1101** Composition I	3	
	ENGL 1102 Composition II	3	
A-2	**MATH 1113** Pre-Calculus	3	

B-1	**ECON 1000** Contemporary Economic Issues	2	
B-2	**COM 1100** Human Communication	3	

C-1	**ENGL 2000-level** Literature	3	
C-2	**ART/DANC/MUSI/TPS 1107** Arts and Culture of the World	3	

D-1	**MATH 1190** Calculus 1	3	
D-2	**BIOL 1107/L, BIOL 1108/L, CHEM 1211/L, CHEM 1212/L, PHYS 1111/L, PHYS 1112/L, PHYS 2211/L, PHYS 2212/L**	7	

3

Area A: Essential Skills (9 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 recommended for IT majors.

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

Area D: Science, Math, and Technology (11-12 cr hrs)

Area F Lower Division Major Requirements

	Prerequisites		
CSE 1321/L Programming & Problem Solving I		4	
CSE 1322/L Programming & Problem Solving II	'B' or better in CSE 1321/L	4	
MATH 2345 Discrete Mathematics *OR* CSE 2300 Discrete Structures	MATH 1112/1113/1190 / MATH 1113 & CSE 1321/L	3	
Technical Block – 6 Credits		6	
One credit from Area D2 Science		1	

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

All courses in addition to CSE 1321/L and CSE 1322/L must have a minimum grade of 'C' to count towards degree requirements.

	Prerequisites		
CSE 3153 Database Systems	CSE 1322/L	3	
CSE 3801 Professional Practices and Ethics	CSE 1322/L	2	

IT 3003 Professional Development & Entrepren (A)0.6 67na (⌐

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.'

* - can be done concurrently with course

Prerequisites

At least 3 credit hours 3000/4000 level IT courses, not required as Upper Division Major Courses. You may choose any IT course **not** already being used for major requirements/tech block. Students can also take FTA 4001 Foundations of FinTech, FTA 4002 Financial Technologies, or FTA 4005 Introduction to Financial Data Analytics.