Bachelor of Applied Science in Information Technology



Total Degree Credit Hours: 120

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Updated 7/9/2020

Catalog Year: 2020-2021

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 | 3 | |
| | Arts and Culture of the World | | |

| 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, | 7 | |
| D-2 | PHYS 2211/L, PHYS 2212/L | | |

Area A: Essential Skills (9 dredit 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.

ea C: Numanities, Fine Arts and Ethics (6 cr hrs) Ał Choose one course from each area.

| A | a D: S | cie | hce, | Mati | h, and | Te | chnolog | y (11 | -12 cr hi | rs) |
|---|--------|-----|------|------|--------|----|---------|-------|-----------|-----|
| | - | | | | | | | | | |

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Area F Lower Division Major Requirements

| Droroquicitoc | Prereauisites | |
|---------------|---------------|--|

| 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 | MATH 1112/1113/1190 | 3 | |
| CSE 2300 Discrete Structures | MATH 1113 & CSE 1321/L | | |
| 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 o CSE 1321/L and CSE 322/L must have a minimum grade of 'C' to count towards degree equirements.

| | Prerequisites | | |
|--|-------------------|---|--|
| CSE 3153 Database Systems | CSE 1322/L | 3 | All major courses |
| CSE 3801 Professional Practices and Ethics | CSE 1322/L | 2 | must have a |
| IT 3003 Professional Development & Entrepren (A)0. | 6 67na (<i>i</i> | | 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.