

**Information Technology, B.S.I.T.
College of Computer and Software Engineering
8 Semester Plan**

| Year 1 - Fall (13 credits) | Credits | Year 1 - Spring (16 credits) | Credits |
|--|---------|--|---------|
| ENGL 1101- Composition I [A1] | 3 | ENGL 1102- Composition II [A1] | 3 |
| MATH 1113- Precalculus or Higher [A2] | 3 | MATH 1190- Calculus I or Higher [D1] | 4 |
| General Education- U.S. History [E2] | 3 | ECON 1000- Contemporary Economic Issues [B1] | 2 |
| CSE 1321- Programming & Problem Solving I Δ | 3 | General Education- World History [E3] | 3 |
| CSE 1321L- Programming & Problem Solving I Lab Δ | 1 | CSE 1322- Programming & Problem Solving II Δ | 3 |
| | | CSE 1322L- Programming & Problem Solving II Lab Δ | 1 |
| TOTAL | 13 | TOTAL | 16 |
| Year 2 - Fall (16 credits) | Credits | Year 2 - Spring (16 credits) | Credits |
| CSE 2300- Discrete Structures for Computing <i>or</i> MATH 2345 Discrete Mathematics | 3 | General Education- Literature of the World [C2] | 3 |
| CSE 3153- Database Systems | 3 | General Education – Science Process (STEM) [D2] | 4 |
| IT 3003- Professional Development & Entrepreneurship | 3 | TCOM 2010- Technical Writing | 3 |
| IT 3123- Hardware & Software Concepts | 3 | MATH 2332- Probability & Data Analysis | 3 |
| IT 3883- Advanced Application Development | 4 | IT 3423- Operating Systems Concepts & Administration | 3 |
| TOTAL | 16 | TOTAL | 16 |
| Year 3 - Fall (16 credits) | Credits | Year 3 - Spring (15 credits) | Credits |
| General Education- Social Sciences [E4] | 3 | POLS 1101- American Government [E1] | 3 |
| General Education – Science Process (STEM) [D2] | 4 | General Education- Cultural Perspectives [B2] | 3 |
| IT 3223- Software Acquisition & Project Management | 3 | IT 3203- Introduction to Web Development | 3 |
| IT 4323- Data Communications & Networking | 3 | IT 4683- Management of Information Technology & Human Computer Interaction | 3 |
| IT 4823- Information Security Administration & Privacy | 3 | Concentration Elective (1 of 5) | 3 |
| TOTAL: | 16 | TOTAL: | 15 |
| Year 4 - Fall (14 credits) | Credits | Year 4 - Spring (14 credits) | Credits |
| General Education- Arts & Culture of the World [C1] | 3 | IT 4723- IT Policy & Law | 3 |
| CSE 3801- Professional Practice & Ethics | 2 | IT 4983- IT Capstone | 3 |
| Concentration Elective (2 of 5) | 3 | Concentration Elective (4 of 5) | 3 |
| Concentration Elective (3 of 5) | 3 | Concentration Elective (5 of 5) | 3 |
| Free Elective (1 of 2) | 3 | Free Elective (2 of 2) | 2 |
| TOTAL: | 14 | TOTAL: | 14 |

Program Total: 120 Credit Hours

Δ Must be completed with grade of B or Better ***Recommended General Education Course** **†Milestone**

This academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Missing milestones could delay your program. Also see the current undergraduate catalog for a complete list of requirements, electives, and pre-requisites. This map is not a substitute for academic advisement. Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.