

**Information Technology, B.A.S.
College of Computing & Software Engineering
4 Semester Plan**

Year 1 - Fall (17 credits)	Credits	Year 1 - Spring (18 credits)	Credits
ENGL 1102: Composition II [A1]	3	MATH 1190- Calculus I or Higher [D2]	4
MATH 1113 or Higher [A2]	3	Area D2- Science*	4
Area D2- Science*	4	CSE 2300- Discrete Structures <i>or</i> MATH 2345- Discrete Mathematics	3
CSE 1321- Problem Solving& Programming I Δ	3	CSE 1322- Problem Solving& Programming II Δ	3
CSE 1321L- Problem Solving & Programming I Lab Δ	1	CSE 1322L- Problem Solving & Programming II Lab Δ	1
HIST 1111 or HIST 2112 or POLS 1101 or ECON 1000 [CORE]	3	IT 3123- Hardware & Software Concepts	3
TOTAL	17	TOTAL	18
Year 2 - Fall (18 credits)	Credits	Year 2 - Spring (18 credits)	Credits
IT 3003- Professional Development & Entrepreneurship	3	IT 3883- Advanced Application Development	4
IT 3203- Introduction to Web Development	3	IT 4323- Data Communications & Networking	3
IT 3223- Software Acquisition & Project Management	3	IT 4683- Management of Information Technology & Human Computer Interaction	3
IT 3423- Operating Systems Concepts & Administration	3	IT 4823- Information Security Administration & Privacy	3
CSE 3153- Database Systems	3	IT 4983- IT Capstone	3
Directed Elective (1 of 1)	3	CSE 3801- Professional Practices & Ethics	2
TOTAL	18	TOTAL	18

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.