

CURRICULUM MAP



MERRIMACK COLLEGE

Information Technology, BS

YEAR ONE

FALL

Introduction to Information Technology - ITS 1001	4 Credits	Major Requirement Core Course 1
Quantitative Reasoning for Everyday Life - MTH 1007	4 Credits	Prerequisite
First Year Seminar - FYS 1947	4 Credits	FC Core Requirement (FYS)
FC Core Course	4 Credits	FC Core Requirement (RTS)
Total Credits - 16		

SPRING

Problem Solving with Python - CSC 1611	4 Credits	Major Requirement Core Course 2
Discrete Mathematics - MTH 1314	4 Credits	Required Depth Elective, FC Core Requirement (STEM)
Introduction to Cybersecurity - ITS 2280	4 Credits	Required Breadth Elective
Technical Communication - ITS 2001	4 Credits	Required Depth Elective
Total Credits - 16		

YEAR TWO

FALL

Databases Management Systems - ITS 2010	4 Credits	Major Requirement Core Course 3
Introduction to Computer Networks - ITS 2020	4 Credits	Major Requirement Core Course 4
Breadth Elective	4 Credits	Required Breadth Elective
FC Core Course	4 Credits	FC Core Requirement (DPJ)
Total Credits - 16		

SPRING

Information Security Principles - ITS 2030	4 Credits	Major Requirement Core Course 5
Web Solutions Integration & Management - ITS 2040	4 Credits	Major Requirement Core Course 6
Breadth Elective	4 Credits	Breadth Elective
FC Core Course	4 Credits	FC Core Requirement (HUM)
Total Credits - 16		

YEAR THREE

FALL

IT Project Management - ITS 3030	4 Credits	Major Requirement Core Course 7
Breadth Elective	4 Credits	Required Breadth Elective
Depth Elective	4 Credits	Required Depth Elective
FC Course Course	4 Credits	FC Core Requirement (SOSC)
Total Credits - 16		

SPRING

Software Product Development - ITS 3020	4 Credits	Major Requirement Core Course 8
Breadth Elective	4 Credits	Required Breadth Elective
Depth Elective	4 Credits	Required Depth Elective
FC Core Course	4 Credits	FC Core Required Elective
Total Credits - 16		

YEAR FOUR

FALL

IT Capstone Project - ITS 4000	4 Credits	Major Requirement
Breadth Elective	4 Credits	Required Breadth Elective
Depth Elective	4 Credits	Required Depth Elective
FC Core Course	4 Credits	FC Core Required Elective
Total Credits - 16		

SPRING

Breadth Elective	4 Credits	Breadth Elective
Breadth Elective	4 Credits	Breadth Elective
Depth Elective	4 Credits	Depth Elective
FC Core Course	4 Credits	FC Core Required Elective
Total Credits - 16		

Notes: This is a sample curriculum map. Students may progress toward graduation using alternative pathways. In addition, 'FC Core Requirement' signifies that the course is required as part of the Foundations and Connections Core - the College's general education program. Please be aware that all students must take six FC Core Requirement courses (FYS, DPJ, HUM, RTS, SOSC, and STEM) and earn an FC Core Minor or Certificate to satisfy the College's general education requirement.

All students must accumulate 100 experiential education points through various activities such as internships, competitions, study abroad, co-op, and so on.