Framingham State University

FOUR-YEAR PROGRAM COMPLETION PLAN

Department of Computer Science
-- Domain General Education courses and open electives may be taken in any semester and in any order, except for Common Core Domain requirements, which must be taken during Year One.
--Please refer to your Degree Audit for specific course requirements.

Recommended Schedule for Bachelor of Science: Major in Computer Science, Concentration in Computer Science (UCSG):

Year One: Fall Semester	Year One: Spring Semester
CSCI 120 Introduction to Information Technology	CSCI 130 Computer Science I Using JAVA

ENWR 110 Composition II OR
   STAT 117 Introduction to Statistics
	STAT 117 Introduction to Statistics OR
	   ENWR 110 Composition II

Domain General Education Course	Concentration Requirement, Science Elective (non-lab)
Domain General Education Course	Domain General Education Course

Year Two: Fall Semester	Year Two: Spring Semester
CSCI 215 Computer Science II Using JAVA	CSCI 271 Data Structures
CSCI 258 Introduction to Operating Systems Using Unix	MATH 206 Discrete Mathematics I OR MATH 215 Finite Mathematics
MATH 180 Precalculus (if needed) OR Open Elective	CSCI 200 Computer Science Professional Exploration Seminar
Concentration Requirement, Science Elective (lab)	Domain General Education Course

Year Three: Fall Semester	Year Three: Spring Semester
CSCI 360 Database Management	CSCI 362 Software Engineering
CSCI 347 Analysis of Algorithms	CSCI 317 Discrete Structures OR MATH 330 Discrete Math II
Concentration Requirement, Computer Science Elective	Concentration Requirement, Computer Science Elective
Domain General Education Course	Domain General Education Course

Year Four: Fall Semester	Year Four: Spring Semester
CSCI 352 Computer Architecture & Assembly Language	CSCI 460 Theory of Computing
CSCI 477 Computer Networking	CSCI 465 Operating System Internals
Concentration Requirement, Science or Mathematics Elective	Domain General Education Course
Domain General Education Course	Domain General Education Course

Domain General Education Checklist:
-   Domain II-A is fulfilled through the major.

Common Core:	__	A. ENWR 110 Composition II
	__	B. MATH XXX (credit-bearing)
Domain I:	__	A. Creative Arts
	__	B. Humanities
	__	C. Language
Domain II:	_X_	A. Analysis, Modeling, Problem Solving
	__	B. Natural Sciences (two courses)
Domain III:	__	A. Perspectives on the Past
	__	B. Perspectives on Contemporary World
	__	C. Global Competency, Ethical Reasoning, Human Diversity
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