



### FOUR-YEAR PROGRAM COMPLETION PLAN

#### Department of Computer Science

-- Domain General Education courses and open elective 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 Information Systems with Cooperative Experience (UCSO):**

Year One: Fall Semester	Year One: Spring Semester
CSCI 120 Introduction to Information Technology	CSCI 130 Computer Science I Using JAVA
CSCI 108 HTML, Javascript Programming, and Web Site Development	ECON 101 Introduction to Macroeconomics or ECON 102 Introduction to Microeconomics
MATH 123 College Algebra (if needed) OR Domain General Education Course	MATH 117 Introduction to Statistics OR ENGL 110 Expository Writing
ENGL 110 Expository Writing OR MATH 117 Introduction to Statistics	Domain General Education Course

Year Two: Fall Semester	Year Two: Spring Semester
CSCI 215 Computer Science II Using JAVA	CSCI 376 Network Technologies
MATH 200 Precalculus (if needed) OR Open Elective	ACCT 220 Intro to Financial Accounting
CSCI 258 Intro to Operating Systems Using UNIX	MATH 206 Discrete Mathematics I OR MATH 215 Finite Mathematics
CSCI 200 Pre-Cooperative Experience Seminar	Domain General Education Course

Year Three: Fall Semester	Year Three: Spring Semester
CSCI 360 Database Management	CSCI 373 Advanced Web Technologies
MGMT 280 Organizational Behavior	Concentration Requirement
Domain General Education Course	CSCI 310 Cooperative Experience I
Domain General Education Course	Domain General Education Course

Year Four: Fall Semester	Year Four: Spring Semester
BUIS 411 Information Systems Research	BUIS 460 Information Systems Management
CSCI 345 Computer and Network Security	Concentration Requirement
Concentration Requirement	CSCI 410 Cooperative Experience II
Domain General Education Course	Domain General Education Course

#### **Domain General Education Checklist:**

- Domain II-A is fulfilled through the major.

Common Core:	___	A. ENGL 110 Expository Writing
	___	B. MATH XXX (credit-bearing)
Domain I:	___	A. Creative Arts
	___	B. Humanities
	___	C. Language
Domain II:	<u> X </u>	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