



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 |
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| 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.

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| 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 |