COMPUTER SCIENCE MAJOR
Concentration in Information Systems

DOMAIN GENERAL EDUCATION (10 Courses Required):

Domain II A is satisfied through completion of the Computer Science major, leaving ten courses to be completed to satisfy the remaining General Education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the course title will meet General Education requirements. Please refer to the catalog for full information.

Common Core: A. ENWR 110 Composition 2
                B. MATH XXX   _____

Domain I: A. Creative Arts   _____
           B. Humanities   _____
           C. Language   _____

Domain II: A. Analysis, Modeling, Problem-Solving   X
           B. Sciences (two; one must be a lab science) _____

Domain III: A. Perspectives on the Past   _____
            B. Perspectives on Contemp. World _____
            C. Global Comp., Eth. Reas., Human Div. _____

MAJOR AND RELATED COURSES:
Major Core requirements (8)

CSCI 120	Introduction to Information Technology
CSCI 130	Computer Science I Using Java
CSCI 200	Pre-Coop seminar (0.5)
CSCI 215	Computer Science II Using Java
CSCI 258	Introduction to Operating Systems Using UNIX
CSCI 360	Database Management
MATH 206	Discrete Math I
STAT 117	Introduction to Statistics

Concentration in Information Systems
Required Concentration Core courses (4):

CSCI 108	HTML, JavaScript Programming, and Web Site Development
CSCI 345	Computer and Network Security
CSCI 373	Advanced Web Technologies
CSCI 376	Networking Technologies

Five required Business Courses (5):

ACCT 220	Introduction to Financial Accounting
BUIS 411	Information Systems Research
BUIS 460	Information Systems Management
ECON 101	Principles of Macroeconomics OR
ECON 102	Principles of Microeconomics
MGMT 280	Organizational Behavior

Three courses from at least two of the following categories (3):

Network and System Administration:

CSCI 320	Windows Server and Client Management
CSCI 340	UNIX™ System Administration

Computer Graphics and Technical Writing:

CSCI 140	Introduction to the Internet, Graphics and Multimedia
ENGL 286	Professional Writing
ENGL 371	Business Writing
ENGL 372	Technical Writing

General Information Systems Electives:

ESMT 164 Introduction to Enterprise Systems using z/OS ®
Any computer science courses at the 200-level and above **except:**
Courses listed in the Network and Systems Administration category or

CSCI 490	Independent Study in Computer Science
CSCI 495	Internship in Computer Science

FREE ELECTIVES (2):

_____   _____   _____

_____   _____   _____