

# COMPUTER SCIENCE MAJOR

## Information Systems Concentration with Cooperative Education

This worksheet is a guide to supplement your degree audit in Degree Works. All students need a minimum of 30 FSU course-credits to graduate. For students who change majors or enter FSU with transfer credits, your degree audit may appear differently, as previous coursework could fulfill Domains and Free Electives. Please see your Advisor and/or The Advising Center with any questions.

### **DOMAIN GENERAL EDUCATION (11 Courses Required):**

The FSU General Education consists of 11 requirements. In the Computer Science major Domain II-A is satisfied through completion of the major (X). One (1) additional subdomain is met by a specific course in the major (see below), leaving nine (9) 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 Undergraduate Catalog for full information.

#### **Common Core**

\_\_\_\_\_ A. ENWR 110 Composition II  
\_\_\_\_\_ B. MATH/STAT XXX (credit-bearing): MATH 206\*

#### **Domain I**

\_\_\_\_\_ A. Creative Arts: \_\_\_\_\_  
\_\_\_\_\_ B. Humanities: \_\_\_\_\_  
\_\_\_\_\_ C. Language: \_\_\_\_\_

#### **Domain II**

X A. Analysis, Modeling, Problem-Solving  
\_\_\_\_\_ B. Natural Sciences (2): Non-Lab Science: \_\_\_\_\_  
\_\_\_\_\_ Lab Science: \_\_\_\_\_

#### **Domain III**

\_\_\_\_\_ A. Perspectives on the Past: \_\_\_\_\_  
\_\_\_\_\_ B. Perspectives on Contemporary World: \_\_\_\_\_  
\_\_\_\_\_ C. Global Competency, Ethical Reasoning, and/or Human Diversity: \_\_\_\_\_

X = Fulfilled through completion of major

\* = Required course in the major

### **MAJOR COURSES (22 courses, 25.5 course-credits):**

#### **Required Core Courses (8 courses, 7.5 course-credits):**

_____	CSCI 120	Introduction to Information Technology
_____	CSCI 130	Computer Science I Using Java
_____	CSCI 200	Computer Science Professional Exploration Seminar (0.5 credits)
_____	CSCI 215	Computer Science II Using Java
_____	CSCI 258	Introduction to Operating Systems Using UNIX
_____	CSCI 360	Database Management
_____	MATH 206	Discrete Math I (CC-B) **
_____	STAT 117	Introduction to Statistics

*\*\* Fulfills a General Education requirement.*

### **Information Systems Concentration with Cooperative Experience (14 courses, 18 course-credits):**

#### **Required Concentration Core Courses (6 courses, 10 course-credits):**

_____	CSCI 108	HTML, JavaScript Programming, and Web Site Development
_____	CSCI 310	Computer Science Cooperative Experience I (3 course-credits)
_____	CSCI 345	Computer and Network Security
_____	CSCI 373	Advanced Web Technologies
_____	CSCI 376	Networking Technologies
_____	CSCI 410	Computer Science Cooperative Experience II (3 course-credits)

#### **Required Business Courses (5):**

*Some courses below will fulfill the Gen. Ed. requirements as noted.*

_____	ACCT 220	Introduction to Financial Accounting
_____	BUIS 411	Information Systems Research
_____	BUIS 460	Information Systems Management
_____	ECON 101	Principles of Macroeconomics (III-C) **
_____	<i>or</i> ECON 102	Principles of Microeconomics (III-B) **
_____	MGMT 280	Organizational Behavior

*\*\* Fulfills a General Education requirement.*

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

_____	_____
_____	_____
_____	_____

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### **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:**

*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 (0):**

*No free electives available.*