COMPUTER SCIENCE MAJOR
Computer Science Concentration

This worksheet is a guide to <u>supplement</u> your degree audit in Degree Works. All students need 32 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). An additional two (2) subdomains are met by specific courses in the major (see below), leaving ***eight (8) 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 (p. 274) for full information.

Common Core

_____	A. ENWR 110 Composition II
_____	B. MATH/STAT XXX (credit-bearing): <u>MATH 206*</u>

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: <u>Science Requirement*</u>

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 (20 courses, 19.5 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.*

Computer Science Concentration Courses (12):

_____	CSCI 271	Data Structures
_____	CSCI 317	Discrete Structures*
_____	CSCI 347	Analysis of Algorithms
_____	CSCI 352	Comp. Architecture & Assembly Language
_____	CSCI 362	Software Engineering
_____	CSCI 460	Theory of Computing
_____	CSCI 465	Operating Systems Internals
_____	CSCI 477	Computer Networking

**MATH 330 Discrete Mathematics II may be substituted for CSCI 317 Discrete Structures*

Computer Science Electives (choose 3 from the list below):

_____	CSCI 300	Artificial Intelligence
_____	CSCI 308	Python Programming
_____	CSCI 320	Windows Server & Client Management
_____	CSCI 333	Object-Oriented Programming Using C++
_____	CSCI 340	UNIX System Administration
_____	CSCI 345	Computer & Network Security
_____	CSCI 373	Advanced Web Technologies
_____	CSCI 400	Special Topics in Computer Science
_____	CSCI 490	Independent Study in Computer Science
_____	CSCI 495	Internship in Computer Science

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Science Laboratory Course (choose 1 from the list below):
Any of the courses below will satisfy Gen. Ed. Domain II-B/Lab

_____	BIOL 130/130L	Principles of Biology with Lab
_____	CHEM 107/107L	Principles of Chemistry with Lab
_____	GEOL 108/108L	Physical Geology with Lab
_____	PHYS 201/201L	Physics for Earth and Life Scientist with Lab
_____	PHYS 211/211L	Principles of Physics I with Lab

FREE ELECTIVES (1-4):

_____ _____

_____ _____

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