COMPUTER SCIENCE MAJOR
Artificial Intelligence and Data Science Concentration

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). 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 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: Science Requirement*

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 157	Probability and Statistics

** *Fulfills a General Education requirement.*

AI & Data Science Concentration Courses (12):

Required Courses (9):

_____	CSCI 163	Discovering AI: Applications, Ethics & Beyond
_____	CSCI 271	Data Structures
_____	CSCI 300	Artificial Intelligence
_____	CSCI 308	Python Programming
_____	CSCI 326	Machine Learning
_____	CSCI 367	Data Science with Python
_____	CSCI 444	Natural Language Processing
_____	MATH 219	Calculus I
_____	MATH 226	Linear Algebra and Applications

Computer Science Electives (choose 2):

_____	CSCI 333	Object-Oriented Programming Using C++
_____	CSCI 340	UNIX System Administration
_____	CSCI 345	Computer & Network Security
_____	CSCI 347	Analysis of Algorithms
_____	CSCI 362	Software Engineering
_____	CSCI 373	Advanced Web Technologies
_____	CSCI 376	Network Technologies
_____	CSCI 386	Data Mining
_____	CSCI 400	Special Topics in Computer Science
_____	CSCI 490	Independent Study in Computer Science
_____	CSCI 495	Internship in Computer Science

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Additional Elective (Choose 1):

_____	BIOL 218/218L	Introduction to Bioinformatics with Lab
_____	ENVS 202	Data Analysis for Scientists
_____	ENVS 333	Digital Field Methods: Drones, Data, & AI
_____	GEOG 111	Visualizing Social and Environmental Justice
_____	PSYC 236	Psychology of Learning
_____	PSYC 263	Cognitive Psychology
_____	PHIL 102	Introduction to Ethics: Why Be Moral?
_____	PHIL 222	Bioethics
_____	STAT 307	Intermediate Statistics

FREE ELECTIVES (0-3):

_____ _____

_____ _____

_____ _____