

MINOR in COMPUTER SCIENCE**COMPUTER SCIENCE**

Course #	Course Name	Grade	Cr	Notes
CORE COURSES (12 HRS)				
CIST 1400	Intro to Comp Science I			
CSCI 1620	Intro to Comp Science II			
CSCI 2030	Math Foundations of CS			
CSCI 3320	Data Structures			
ELECTIVE COURSES - 3000 and 4000 LEVEL (6 HRS)				
CSCI 3100	Applied Combinatorics			
CSCI 3300	Numerical Methods			
CSCI 3450	Natural Lang. Processing			
CSCI 3510	Adv Game Programming			
CSCI 3550	Communication Networks			
CSCI 3660	Theory of Computation			
CSCI 3710	Intro to Digital Design			
CSCI 3830	Adv JAVA Programming			
CSCI 3850	Web Search Tech			
CSCI 4100	Intro to Algorithms			
CSCI 4150	Graph Theory & App			
CSCI 4220	Programming Languages			
CSCI 4250	Human-Comp Interactions			
CSCI 4260	User Interface Des & Dev			
CSCI 4300	Deterministic Op Research			
CSCI 4310	Probabilistic Op Research			
CSCI 4350	Computer Architecture			
CSCI 4380	Comp & Network Forensics			
CSCI 4440	Intro to Parallel Computing			
CSCI 4450	Intro to Artificial Intelligence			
CSCI 4470	Pattern Recognition			
CSCI 4480	Intro to Multi-Agent/Robots Sys			
CSCI 4500	Operating Systems			
CSCI 4510	Adv Operating Systems			
CSCI 4560	Number Theory & Cryptography			
CSCI 4620	Computer Graphics			
CSCI 4650	Intro to Cloud Computing			
CSCI 4700	Compiler Construction			
CSCI 4760	Topics in Modeling			
CSCI 4830	Intro to SW Engineering			
CSCI 4850	Database Mgmt Systems			
CSCI 4890	Data Warehousing & Data Mininig			
CSCI 4900	Internet Systems Dev			

Last update: March 2023

This Advising worksheet corresponds to the 2023-2024 UNO Catalog.

Students are responsible for prerequisite courses.

*CIST 1400 & CSCI 1620: Minimum grade of C or higher, but
all other courses minimum grade C- or higher