CSE Courses

(Subject to change)

Course Name	Course Title	Fall 2022	Spring 2023	Summer 2023	Fall 2023	Spring 2024
CSE101	Computer Science Principles	✓	✓	✓	✓	✓
CSE114	Introduction to Object-Oriented Programming	✓	✓	✓	✓	✓
CSE150	Foundations of Computer Science: Honors	✓			✓	
CSE160	Computer Science A: Honors		✓			✓
CSE161	Lab for Comp Sci A: Honors		✓			✓
CSE214	Data Structures	✓	✓	✓	✓	✓
CSE215	Foundations of Computer Science	✓	✓	✓	✓	✓
CSE216	Programming Abstractions	✓	✓	✓	✓	✓
CSE220	System Fundamentals I	✓	✓		✓	✓
CSE260	Computer Science B: Honors	✓			✓	
CSE261	Laboratory for Computer Science B: Honors	✓			✓	
CSE300	Technical Communications	✓	✓		✓	✓
CSE301	History of Computing					
CSE303	Introduction to the Theory of Computation	✓	✓	✓	✓	✓
CSE304	Compiler Design		✓		✓	
CSE305	Principles of Database Systems	✓			✓	
CSE306	Operating Systems	✓	✓		✓	
CSE307	Principles of Programming Languages		✓		✓	

Undergraduate Programs
Graduate Programs
Student Resources

Undergraduate Programs

Academic Advising
CSE BS Program
CSE Specialization
CSE Courses
ISE BS Program
ISE Specialization
ISE Courses
Undergraduate Research Opportunities
Honors in Computer Science
Accelerated BS/MS Program
Summer Courses
Academic Advising Online Petition Forms
University Bulletin for UG Programs
FAQs

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Course Name	Course Title	Fall 2022	Spring 2023	Summer 2023	Fall 2023	Spring 2024
CSE310	Computer Networks	✓	✓		✓	✓
CSE311	Systems Administration		✓			✓
CSE312	Legal, Social, and Ethical Issues in Information Systems	✓	✓		✓	✓
CSE316	Fundamentals of Software Development	✓	✓		✓	✓
CSE320	System Fundamentals II	✓	✓		✓	✓
CSE323	Human Computer Interaction		✓			
CSE327	Fundamentals of Computer Vision	✓			✓	
CSE328	Fundamentals of Computer Graphics		✓			✓
CSE331	Computer Security Fundamentals	✓			✓	
CSE332	Introduction to Visualization	✓			✓	
CSE333	User Interface Development	✓			✓	
CSE334	Introduction to Multimedia Systems	✓	✓		✓	✓
CSE337	Scripting Languages	✓	✓		✓	✓
CSE346	Computer Communications					
CSE350	Theory of Computation: Honors	✓			✓	
CSE351	Introduction to Data Science		✓	✓		✓
CSE352	Artificial Intelligence					✓
CSE353	Machine Learning	✓			✓	
CSE354	Natural Language Processing		✓			✓
CSE355	Computational Geometry				✓	
CSE356	Cloud Computing	✓				✓
CSE357	Statistical Methods for Data Science				✓	
CSE360	Software Security	✓			✓	
CSE361	Web Security		✓			
CSE362	Mobile Security					

Course Name	Course Title	Fall 2022	Spring 2023	Summer 2023	Fall 2023	Spring 2024
CSE371	Logic	✓				✓
CSE373	Analysis of Algorithms	✓	✓		✓	✓
CSE376	Advanced System Programming in UNIX/C					
CSE377	Introduction to Medical Imaging		✓			✓
CSE378	Introduction to Robotics	✓			✓	
CSE380	2D Game Programming		✓			✓
CSE381	3D Game Programming	✓			✓	
CSE385	Analysis of Algorithms: Honors		✓			✓
CSE390-394	Special Topics in Computer Science					
CSE416	Software Engineering	✓	✓		✓	✓
CSE475	Undergraduate Teaching Practicum	✓				✓
CSE487	Research in Computer Science	✓				✓
CSE488	Internship in Computer Science	✓				✓
CSE495	Senior Honors Research Project I	✓				✓
CSE496	Senior Honors Research Project II	✓				✓

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