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		✓			✓

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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					

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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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