

Computer Science Pathways

Algorithms	Artificial Intelligence	Computer Graphics	Computer Networks	Cyber Security	Databases	Data Science	Game Engineering	Software Engineering	Machine Learning
CS-GY 6033 Design & Analysis of Algorithms I	CS-GY 6613 Artificial Intelligence I	CS-GY 6313 Information Visualization	CS-GY 6843 Computer Networking	CS-GY 6813 Information, Security & Privacy	CS-GY 6313 Information Visualization	CS-GY 6053 Foundations of Data Science	CS-GY 6533 Interactive Computer Graphics	CS-GY 9223 Dev Ops	CS-GY 6613 Artificial Intelligence I
CS-GY 6043 Design & Analysis of Algorithms II	CS-GY 6643 Computer Vision/Scene Analysis	CS-GY 6533 Interactive Computer Graphics	CS-GY 6823 Network Security	CS-GY 6823 Network Security	CS-GY 6913 Web Search Engines	CS-GY 6513 Big Data	CS-GY 6543 Human Computer Interaction	CS-GY 6063 Software Engineering I	CS-GY 6703 Neural Network Computing
CS-GY 6413 Compiler Design and Construction	CS-GY 6703 Neural Network Computing	CS-GY 6553 Game Design	CS-GY 9223 Cloud Computing	CS-GY 6903 Applied Cryptography	CS-GY 6923 Machine Learning	CS-GY 9223 Programming for Big Data	CS-GY 6553 Game Design	CS-GY 6073 Software Engineering II	CS-GY 6923 Machine Learning
	CS-GY 6923 Machine Learning	CS-GY 6643 Computer Vision/Scene Analysis		CS-GY 9163 Application Security	CS-GY 9053 Intro to Java		CS-GY 6613 Artificial Intelligence I	CS-GY 6083 Principles of Database Systems	CS-GY 9223 Deep Learning
		CS-GY 6703 Computational Geometry			CS-GY 9223 Cloud Computing		CS-GY 6923 Machine Learning	CS-GY 6373 Programming Languages	
					*Any Data Science Courses		CS-GY 9223 AI for Games	CS-GY 6813 IS&P CS-GY 9163 App. Security	

These courses are suggested courses that may help you if you have an interest in pursuing a career in one of these areas of Computer Science.

****NOTE****

There is no guarantee you will be able to register for any of the courses in your preferred pathway.

There is no official designation to your degree for completing courses within a pathway.