

# CS Specialization Courses

Algorithms  
 Architecture & Embedded Systems  
 Bioinformatics  
 Information  
 Intelligent Systems  
 Networked Systems  
 Systems and Software  
 Visual Computing

CS 111	<a href="#">Digital Image Processing</a>								●
CS 112	<a href="#">Computer Graphics</a>								●
CS 114	<a href="#">Project in Advanced 3D Comp. Graphics</a>								●
CS 116	<a href="#">Computational Photography and Vision</a>					●			●
CS 117	<a href="#">Project in Computer Vision</a>								●
CS 121	<a href="#">Information Retrieval</a>				●	●			
CS 122A	<a href="#">Introduction to Data Management</a>				●				
CS 122B	<a href="#">Project in Databases &amp; Web Applications</a>				●				
CS 125	<a href="#">Next Generation Search Systems</a>				●	●			
CS 131	<a href="#">Parallel and Distributed Computing</a>								●
CS 132	<a href="#">Computer Networks</a>				●		●		
CS 133	<a href="#">Advanced Computer Networks</a>						●		
CS 134	<a href="#">Computer and Network Security</a>				●		●		
CS 141	<a href="#">Concepts in Programming Languages I</a>				●				●
CS 142A	<a href="#">Compilers and Interpreters</a>				●				●
CS 143A	<a href="#">Principles of Operating Systems</a>				●		●		●
CS 143B	<a href="#">Project in Operating System Organization</a>								●
CS 145A/B	<a href="#">Embedded Computing Systems with Lab</a>		●						
CS 151	<a href="#">Digital Logic Design</a>		●						
CS 152	<a href="#">Computer Systems Architecture</a>		●						
CS 154	<a href="#">Computer Design Laboratory</a>		●						
CS 162	<a href="#">Formal Languages and Automata</a>	●				●			
CS 163	<a href="#">Graph Algorithms</a>	●			●	●			
CS 167	<a href="#">Introduction to Applied Cryptography</a>	●			●				
CS 169	<a href="#">Introduction to Optimization</a>	●				●			
CS 171	<a href="#">Introduction to Artificial Intelligence</a>					●			
CS 175	<a href="#">Project in Artificial Intelligence</a>					●			
CS 177	<a href="#">Applications of Probability in Comp. Sci.</a>					●			
CS 178	<a href="#">Machine Learning and Data-Mining</a>				●	●			
CS 184A	<a href="#">Reps. &amp; Algorithms for Molecular Biology</a>				●				
CS 184C	<a href="#">Computational Systems Biology</a>				●				
ICS 162	<a href="#">Modeling and World Building</a>								●