

Computer Science Curriculum Map		PLO 1	PLO 2	PLO 3	PLO 4
	Demonstrate advanced knowledge in a breadth of topics in computer science, including theory, systems, and development.	Demonstrate mastery in at least one area of specialization in computer science.	Demonstrate ability to independently solve advanced problems in academia or industry.	Demonstrate ability to learn, use, and adapt emerging developments in the state-of-the-art.	
Courses					
CS 601 Principles of Software of Development	I	I	I	I	
CS 631 Systems Foundations	I	I	I	I	
CS 652 Programming Languages	I	I	I	I	
CS 673 Algorithms	M	I			
CS 615 Computer Architecture		C			
CS 620 Network Design		C			
CS 621 Network Programming	M	M	M	M	M
CS 625 Parallel and Distributed Computing	M	M			
CS 635 Adv Systems Programming	M	M			
CS 636 Operating Systems	M	M	M	M	M
CS 640 Bioinformatics		C			
CS 642 Bioinformatics Research		C			
CS 662 Artificial Intelligence Programming	M	M			
CS 675 Theory of Computation	M	M			
CS 680 Web Systems and Algorithms	M	M	M	M	M
CS 681 Foundations of Security and Privacy		C			
CS 682 Distributed Software Development	M	M	M	M	M
CS 683 Computer Security and Privacy		C			
CS 685 Wireless Sensor Networks	M	M	M	M	M
CS 686 Special Topics in Computer Science		C			
CS 690 Master's Project			C	M	
CS 695 Practicum Study			C		
CS 698 Directed Reading and Research			C	M	
CS 699 Master's Thesis			C	M	

I = Introductory

M = Moderate

C = Comprehensive