

Department of Computer Science and Engineering
Projected CS Offerings
Prior to Semester Transition in Fall 2012

Course	Req'd for	Title	F09	W10	S10	R10	F10	W11	S11	R11	F11	W12	S12	R12
CS 141		Computer Programming I	DE	D	D		DE	D	D		DE	D	D	
CS 142		Computer Programming II		D	D			D	D			D	D	
CS 205		Introduction to Computers & Office Productivity Software	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE
CS 206		Computer Software Productivity Tools	D	D	D	D	D	D	D	D	D	D	D	D
CS 207		Advanced Office Productivity II			D				D				D	
CS 208		Computer Programming for Business I	E	E	E		E	E	E		E	E	E	
CS 209		Computer Programming for Business II	E	E	E		E	E	E		E	E	E	
CS 214		Visual Basic Programming	E	E	D		E	E	D		E	E	D	
CS 240	BA in CS, BS in CEG, BS in CS	Computer Programming I	DE	DE	DE	D	DE	DE	DE	D	DE	DE	DE	
CS 241	BA in CS, BS in CEG, BS in CS	Computer Programming II	DE	DE	DE	E	DE	DE	DE	E	DE	DE	DE	E
CS 242	BA in CS, BS in CEG, BS in CS	Computer Programming III	E	E	DE		E	E	DE		E	E	DE	E
CS 271		Introduction to Bioinformatics			D				D				D	
CS 302	BA in CS	Introduction to Oracle/SQL Databases		D				D				D		
CS 316/516		Survey of Numerical Methods for Computational Science	E		E		E		E		E		E	
CS 317/517		Applications of Numerical Methods for Computational Science		E				E				E		
CS 340		Programming Language Workshop	E	E	E		E	E	E		E	E	E	
CS 350/550		Computational Tools and Techniques for Data Analysis			DE				DE				DE	
CS 400/600	BA in CS, BS in CEG, BS in CS	Data Structures and Algorithms	E	E	D		E	E	D		E	E	D	
CS 405/605	BS in CS	Introduction to Data Base Management	D	D	E		D	D	E		D	D	E	
CS 407/607*		Optimization Techniques												
CS 409/609		Principles of Artificial Intelligence	E				E				E			
CS 410/610		Theoretical Foundations of Computing	D				D				D			
CS 415	BA in CS, BS in CEG, BS in CS	Social Implications of Computing	E	D	D	D	E	D	D	D	E	D	D	D
CS 419/619*		Cryptography and Data Security		E		E		E				E		
CS 458/658*		Applied Graph Theory	E				E				E			
CS 459/659*		Combinatorial Tools for Computer Science												
CS 466/666	BA in CS, BS in CS	Introduction to Formal Languages	E		E		E		D		E		E	
CS 470/670		Systems Simulation			E				E				E	
CS 471/671		Algorithms for Bioinformatics	E				E				E			
CS 475/675		Web Information Systems	D				D				D			
CS 480/680	BS in CS	Comparative Languages	E	E		E	E	E		E	E	E		E
CS 701	MS in CS	Data Base Systems and Design		E		E		E		E		E		E
CS 705		Data Mining	E				E				E			
CS 707		Information Retrieval		E								E		
CS 712		Advanced Topics in Artificial Intelligence			E								E	
CS 714		Machine Learning I		E				E				E		
CS 716*		Numerical Analysis I: Applied Linear Algebra						E						
CS 717*		Numerical Analysis II: Finite Difference Methods for PDE's							E					
CS 718*		Numerical Analysis III: Finite Element Methods for PDE's								E				
CS 740	MS in CS	Computational Complexity and Algorithm Analysis		E	E		E	E			E	E		
CS 765		Foundations of Neurocomputing		E		E		E				E		
CS 766		Evolutionary Computing	E			E				E				E
CS 771		Natural Language Processing Techniques		E				E						
CS 772		Advanced Natural Language Processing			E								E	
CS 776		Functional Programming							E					
CS 780		Compiler Design and Construction	E				E				E			
CS 781		Compiler Design and Construction II		E								E		
CS 784	MS in CS	Programming Languages	E		E		E		E		E		E	
CS 801		Advanced Topics in Database Systems			E				E					E
CS 840		Advanced Topics in the Theory of Computation			E				E					E
CS 865		Advanced Topics in Soft Computing												
CS 875		Semantic Web			D				D				D	
CS 884		Advanced Topics in Programming Languages			E				E					E

Legend: D: Daytime (starts before 4pm)
E: Evening (starts after 4pm)
*: See Dept of Mathematics for current schedule information
#: See Dept of Electrical Engineering for current schedule information

Note: These projected offerings are tentative, and may be adjusted as requirements change.