

Banner Course Number	Old Course Number	Course Name	ScM Theory	ScM Practice	ScM Significant Programming	PhD Area	Possible 200 Level	Most recent instructor	Semester/Year	Offered 07-08?	When offered?
CSCI0020	CS2	Concepts and Challenges of Computer Science	N/A	N/A	N/A	N/A	N/A	Stanford	Fall 2007	Yes	Every year
CSCI0040	CS4	Introduction to Scientific Computing and Problem Solving	N/A	N/A	N/A	N/A	N/A	Usas	Spring 2008	Yes	Every year
CSCI0090	CS9	First Year Seminars	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Once or twice
CSCI0090-A	CS9-3	Building a Web Application	N/A	N/A	N/A	N/A	N/A	Reiss	Fall 2004	No	Once or twice
CSCI0090-B	CS9-1	Computers and Human Values	N/A	N/A	N/A	N/A	N/A	Blumberg	Fall 2005	No	Once or twice
CSCI0090-C	CS9-2	Talking with Computers: A Hands-On Introduction to Computer Science	N/A	N/A	N/A	N/A	N/A	Dean	Fall 2004	No	Occasionally
CSCI0150	CS15	Introduction to Object-Oriented Programming and Computer Science	N/A	N/A	N/A	N/A	N/A	van Dam	Fall 2007	Yes	Every year
CSCI0160	CS16	Introduction to Algorithms and Data Structures	N/A	N/A	N/A	N/A	N/A	Hughes	Spring 2008	Yes	Every year
CSCI0170	CS17	Computer Science: An Integrated Approach	N/A	N/A	N/A	N/A	N/A	Greenwald	Fall 2007	Yes	Every year
CSCI0180	CS18	Computer Science: An Integrated Introduction	N/A	N/A	N/A	N/A	N/A	Cetintemel	Spring 2008	Yes	Every year
CSCI0190	new	Programming with Data Structures and Algorithms	N/A	N/A	N/A	N/A	N/A	Reiss	Fall 2007	Yes	Every year
CSCI0220	CS22	Introduction to Discrete Structures and Probability	N/A	N/A	N/A	N/A	N/A	Raphael	Spring 2008	Yes	Every year
CSCI0240	CS24	Visual Thinking/Visual Computing	N/A	N/A	N/A	N/A	N/A	van Dam/Spalter	Spring 2005	No	Once or twice
CSCI0310	CS31	Introduction to Computer Systems	N/A	N/A	N/A	N/A	N/A	Van Hentenryck	Fall 2007	Yes	Every year
CSCI0320	CS32	Introduction to Software Engineering	N/A	N/A	N/A	N/A	N/A	Reiss	Spring 2008	Yes	Every year
CSCI0360	CS36	Introduction to Systems Programming	N/A	N/A	N/A	N/A	N/A	Doepfner	Spring 2008	Yes	Every year
CSCI0510	CS51	Models of Computation	N/A	N/A	N/A	N/A	N/A	Lysyanskaya	Fall 2007	Yes	Every year
CSCI0920	CS92	Educational Software Seminar	N/A	N/A	N/A	N/A	N/A	Blumberg	Spring 2005	No	Most years
CSCII230	CS123	Introduction to Computer Graphics	N	Y	Y	H	N	van Dam	Fall 2007	Yes	Every year
CSCII250	CS125	Introduction to Computer Animation	N	Y	N	H	N	Meier	Fall 2007	Yes	Most years
CSCII260	CS126	Introductory Compiler Construction	N	Y	Y	F		Reiss	Spring 2006	No	Every other year
CSCII270	CS127	Database Management Systems	N	Y	Y	G	N	Zdonik	Fall 2007	Yes	Every year
CSCII280	CS128	Intermediate 3D Computer Animation	N	Y	N	H	N	Meier	Spring 2008	Yes	Most years
CSCII340	CS196-2	Innovating Game Development						Jenkins	Spring 2008	Yes	Every other year
CSCII370	CS137	Virtual Reality Design for Science	N	Y	Y*	H, E*	Y	Laidlaw	Fall 2006	No	Every other year
CSCII380	CS138	Networked Information Systems	N	Y	Y	C*, G*		Cetintemel	Spring 2006	No	Most years
CSCII410	CS141	Introduction to Artificial Intelligence	Y	Y	N	D	N	Sellmann	Spring 2008	Yes	Every year
CSCII430	CS143	Introduction to Computer Vision	Y*	Y*	N	D		Black	Fall 2007	Yes	Most years
CSCII480	CS148	Building Intelligent Robots	N	Y	Y	D*	Y	Jenkins	Fall 2007	Yes	Most years
CSCII490	CS149	Introduction to Combinatorial Optimization	Y	Y	N	A, B, D	Y	Sellmann	Fall 2007	Yes	Most years
CSCII510	CS151	Introduction to Cryptography and Computer Security	Y	N	N	A*, B*	Y	Lysyanskaya	Fall 2005	No	Most years
CSCII550	CS155	Probabilistic Methods in Computer Science	Y	N	N	A, B	Y	Upfal	Fall 2006	No	Most years
CSCII570	CS157	Design and Analysis of Algorithms	Y	N	N	B	N	Kenyon/Matthieu	Spring 2008	Yes	Every year
CSCII590	CS159	Introduction to Computational Complexity	Y			A		Savage	Spring 2008	Yes	Every other year
CSCII600	CS160	Introduction to Embedded and Real-Time Software	N	Y	Y*	C, E	N	Jannotti/Reiss	Spring 2007	No	Most years
CSCII610	CS161	Building High-Performance Servers	N	Y	Y	C		Jannotti	Fall 2005	No	Occasionally
CSCII660	CS166	Introduction to Computer System Security	N	Y	N	C*	Y*	Tamassia	Spring 2008	Yes	Most years
CSCII670	CS167	Operating Systems	N	Y	Y w/ CSCII690	C*	Y	Doepfner	Fall 2007	Yes	Every year
CSCII680	CS168	Computer Networks	N	Y	Y	NA	N	Jannotti	Fall 2007	Yes	Every year
CSCII690	CS169	Operating Systems Laboratory	N	N	N	N/A	N	Doepfner	Fall 2007	Yes	Every year
CSCII730	CS173	Introduction to Programming Languages	Y	N	N	E*		Krishnamurthi	Fall 2007	Yes	Most years
CSCII760	CS176	Introduction to Multiprocessor Synchronization	Y	N	N	C*	Y	Herlihy	Fall 2007	Yes	Most years
CSCII780	CS178	Parallel and Distributed Programming						Reiss	Spring 2002	No	Occasionally
CSCII810	CS181	Computational Molecular Biology	Y	N	N	B	Y	Preparata	Fall 2007	Yes	Every year
CSCII900	CS190	Software System Design	N	Y	Y	E	N	Laidlaw	Spring 2008	Yes	Every year
CSCII950	CS195/6	Special Topics in Computer Science	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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CSCI1950-A	CS195-4	Computational Modeling and Algorithmic Thinking						Dean	Spring 2008	Yes	Once or twice		
CSCI1950-B	CS196-3	Computational Topology and Discrete Geometry	Y	Y	N	B, H	Y	Hughes	Cxld Spring 2007	No	Once or twice		
CSCI1950-D	CS196-9	Document Engineering						Durand	Cxld Spring 2005	No	Once or twice		
CSCI1950-F	CS195-5	Introduction to Machine Learning	Y	Y	N	D	Y	Shakhnarovich/Black	Fall 2006	No	Once or twice		
CSCI1950-L	CS196-1	Algorithmic Foundations of Computational Biology	Y	Y	N	B*,E	Y	Istrail	Spring 2008	Yes	Most years		
CSCI1970	CS193/4	Individual Independent Study	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
CSCI2240	CS224	Interactive Computer Graphics	N	Y	Y	H	N/A	Hughes	Spring 2008	Yes	Most years		
CSCI2270	CS227	Topics in Database Management	N	Y	N	G	N/A	Zdonik	Spring 2008	Yes	Most years		
CSCI2310	CS231	Human Factors and User Interface Design	N	Y	N*	E	N/A	Reiss	Fall 2007	Yes	Every other year		
CSCI2330	CS233	Programming Environments	N	Y	Y*	E	N/A	Reiss	Fall 2006	No	Every other year		
CSCI2340	CS234	Software Engineering						N/A	Krishnamurthi/Reiss	Spring 2005	No	Occasionally	
CSCI2370	CS237	Interdisciplinary Scientific Visualization	N	Y	Y*	H	N/A	Laidlaw	Fall 2007	Yes	Every other year		
CSCI2410	CS241	Statistical Methods of Natural Language Understanding	N	Y	Y	D	N/A	Charniak	Fall 2007	Yes	Most years		
CSCI2430	CS243	Topics in Machine Learning						N/A	Dean	Cxld Spring 2002	No	Occasionally	
CSCI2440	CS244	Game-Theoretic Artificial Intelligence	Y	N	N	D	N/A	Greenwald	Spring 2008	Yes	Most years		
CSCI2500	CS250	Topics in Advanced Algorithms	Y	N	N	B	N/A	Klein	Fall 2007	Yes	Most years		
CSCI2500-A	CS250-1	Advanced Algorithms	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
CSCI2510	CS251 (new)	Approximation Algorithms						N/A	Kenyon/Matthieu	Fall 2007	Yes	Occasionally	
CSCI2520	CS252	Computational Geometry	Y	N	Y	B	N/A	Tamassia	Spring 2005	No	Every other year		
CSCI2530	CS253	Design and Analysis of Communication Networks						N/A	Upfal	Spring 2000	No	Occasionally	
CSCI2540	CS254	Advanced Probabilistic Methods in Computer Science	Y	N	N	A, B	N/A	Upfal	Spring 2007	No	Occasionally		
CSCI2550	CS255	Parallel Computation: Models, Algorithms, Limits	Y			A,B	N/A	Preparata	Spring 2005	No	Occasionally		
CSCI2560	CS256	Applied Theory of Computation	Y	N	N	A	N/A	Savage	Spring 2007	No	Every other year		
CSCI2570	CS257	Introduction to Nanocomputing	Y	N	N	A	N/A	Savage	Fall 2007	Yes	Most years		
CSCI2580	CS258	Solving Hard Problems in Combinatorial Optimization	Y	Y	Y	B, E	N/A	Van Hentenryck	Spring 2008	Yes	Most years		
CSCI2730	CS273	Programming Language Theory						N/A	Krishnamurthi	Cxld Spring 2003	No	Occasionally	
CSCI2750	CS275	Topics in Parallel and Distributed Computing	Y	Y	N	A, C	N/A	Herlihy	Spring 2008	Yes	Most years		
CSCI2950	CS295/6	Special Topics in Computer Science	N/A	Y	N/A	N	N/A	N/A	N/A	N/A	N/A		
CSCI2950-C	CS296-5	Topics in Computational Biology	Y*	Y*	N	B	N/A	Raphael	Fall 2007	Yes	Occasionally		
CSCI2950-D	CS295-1	Sensor Data Management	N	Y	Y	C,G	N/A	Cetintemel	Fall 2005	No	Once or twice		
CSCI2950-E	CS296-9	Stochastic Optimization						N/A	Upfal	Cxld Spring 2006	No	Once or twice	
CSCI2950-F	new	Implementing Web-Based Software Systems						N/A	Krishnamurthi	Spring 2008	Yes	Once or twice	
CSCI2950-G	CS296-2	Large-Scale Networked Systems	N	Y	N	C	N/A	Jannotti	Spring 2007	No	Once or twice		
CSCI2950-H	new	Advanced Cryptography						N/A	Lysyanskaya	Spring 2008	Yes	Once or twice	
CSCI2950-I	new	Computational Models of the Neocortex						N/A	Dean	Fall 2007	Yes	Once or twice	
CSCI2950-L	CS295-2	Algorithmic Foundations of Computational Biology II	Y	Y	N	B	N/A	Istrail	Spring 2008	Yes	Most years		
CSCI2950-M	CS295-8	Computer Science, Algorithms and Economics	Y	N	N	B	N/A	Kenyon/Matthieu	Fall 2006	No	Once or twice		
CSCI2950-O	CS295-7	Topics in Brain-Computer Interfaces	Y	Y	Y	D	N/A	Black	Spring 2005	No	Once or twice		
CSCI2950-Q	CS296-4	Topics in Computer Vision						D	N/A	Black	Spring 2008	Yes	Once or twice
CSCI2950-T	CS295-11	Topics of Distributed Databases and Systems	N	Y	Y	C, G	N/A	Cetintemel	Fall 2007	Yes	Once or twice		
CSCI2950-X	CS29601	Topics in Programming Languages and Systems	Y	N	N	E	N/A	Krishnamurthi	Fall 2004	No	Most years		
CSCI2950-Z	CS296-3	Robot Learning and Autonomy	N	Y	N	D	N/A	Jenkins	Spring 2007	No	Every other year		
CSCI2980	CS297/8	Reading and Research	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
CSCI2990	CS299	Thesis Preparation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		