

Banner Course Number	Old Course Number	Course Name	ScM Theory	ScM Practice	ScM Significant Programming	PhD Area	Possible 2000-Level	Most recent instructor	Last offered Semester/Year	Offered 08-09?	When offered?	08-09 Instructor	Currently 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	Stanford	Fall 2008
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	Usas	Spring 2009
CSCI0090	CS9	First Year Seminars	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Once or twice		N/A
CSCI0090-A	CS9-3	Building a Web Application	N/A	N/A	N/A	N/A	N/A	Reiss	Fall 2004	No	Occasionally		N/A
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		N/A
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		N/A
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	van Dam	Fall 2008
CSCI0160	CS16	Introduction to Algorithms and Data Structures	N/A	N/A	N/A	N/A	N/A	Hughes	Spring 2008	Yes	Every year	Hughes	Spring 2009
CSCI0170	CS17	Computer Science: An Integrated Approach	N/A	N/A	N/A	N/A	N/A	Greenwald	Fall 2007	Yes	Every year	Greenwald	Fall 2008
CSCI0180	CS18	Computer Science: An Integrated Introduction	N/A	N/A	N/A	N/A	N/A	Cetintemel	Spring 2008	Yes	Every year	Cetintemel	Spring 2009
CSCI0190	new	Programming with Data Structures and Algorithms	N/A	N/A	N/A	N/A	N/A	Reiss	Fall 2007	Yes	Every year	Reiss	Fall 2008
CSCI0220	CS22	Introduction to Discrete Structures and Probability	N/A	N/A	N/A	N/A	N/A	Preparata	Spring 2008	Yes	Every year	Preparata	Spring 2009
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		N/A
CSCI0310	CS31	Introduction to Computer Systems	N/A	N/A	N/A	N/A	N/A	Van Hentenryck	Fall 2007	Yes	Every year	VanHentenryck	Fall 2008
CSCI0320	CS32	Introduction to Software Engineering	N/A	N/A	N/A	N/A	N/A	Reiss	Spring 2008	Yes	Every year	Reiss	Spring 2009
CSCI0510	CS51	Models of Computation	N/A	N/A	N/A	N/A	N/A	Lysyanskaya	Fall 2007	Yes	Every year	Lysyanskaya	Fall 2008
CSCI0530	new	Directions: The Matrix in Computer Science	N/A	N/A	N/A	N/A	N/A	Klein	N/A	Yes		Klein	Fall 2008
CSCI0920	CS92	Educational Software Seminar	N/A	N/A	N/A	N/A	N/A	Blumberg	Spring 2005	No	Most years		N/A
CSCI1230	CS123	Introduction to Computer Graphics	N	Y	Y	H	Y	van Dam	Fall 2007	Yes	Every year	van Dam	Fall 2008
CSCI1250	CS125	Introduction to Computer Animation	N	Y	N	H	N	Meier	Fall 2007	Yes	Most years	Meier	Fall 2008
CSCI1260	CS126	Introductory Compiler Construction	N	Y	Y	F	N	Reiss	Spring 2006	No	Occasionally		N/A
CSCI1270	CS127	Database Management Systems	N	Y	Y	G	N	Zdonik	Fall 2007	Yes	Every year	Zdonik	Fall 2008
CSCI1280	CS128	Intermediate 3D Computer Animation	N	Y	N	H	N	Meier	Spring 2008	Yes	Most years	Meier	Spring 2009
CSCI1340	CS196-2	Innovating Game Development	N	Y	Y	D,H*	Y	Jenkins	Spring 2008	No	Every other year	Jenkins	N/A
CSCI1370	CS137	Virtual Reality Design for Science	N	Y	Y*	H, E*	Y	Laidlaw	Fall 2006	Yes	Every other year	Laidlaw	Fall 2008
CSCI1380	CS138	Networked Information Systems	N	Y	Y	C*,G*	Y	Doepfner	Spring 2006	Yes	Most years	Doepfner	Spring 2009
CSCI1410	CS141	Introduction to Artificial Intelligence	Y	Y	N	D	N	Greenwald	Spring 2008	Yes	Every year	Greenwald	Spring 2009
CSCI1430	CS143	Introduction to Computer Vision	N	Y*	N	D	Y*	Black	Fall 2007	Yes	Most years	Black	Fall 2008
CSCI1480	CS148	Building Intelligent Robots	N	Y	Y	D*	Y	Jenkins	Fall 2007	Yes	Most years	Jenkins	Spring 2009
CSCI1490	CS149	Introduction to Combinatorial Optimization	Y	Y	N	A, B, D	Y	Sellmann	Fall 2007	Yes	Most years	Sellmann	Fall 2008
CSCI1510	CS151	Introduction to Cryptography and Computer Security	Y	N	N	A*, B*	Y	Lysyanskaya	Spring 2007	Yes	Most years	Lysyanskaya	Spring 2009
CSCI1550	CS155	Probabilistic Methods in Computer Science	Y	N	N	A, B	Y	Upfal	Fall 2006	Yes	Most years	Upfal	Fall 2008
CSCI1570	CS157	Design and Analysis of Algorithms	Y	N	N	B	N	Mathieu	Spring 2008	Yes	Every year	Mathieu	Spring 2009
CSCI1590	CS159	Introduction to Computational Complexity	Y	N	N	A	Y	Savage	Spring 2008	Yes	Every other year		Spring 2009
CSCI1600	CS160	Introduction to Embedded and Real-Time Software	N	Y	Y*	C, E	N	Jannotti/Reiss	Spring 2007	No	Every other year		N/A
CSCI1610	CS161	Building High-Performance Servers	N	Y	Y	C	Y	Jannotti	Fall 2005	No	Occasionally		N/A
CSCI1660	CS166	Introduction to Computer System Security	N	Y	N	C*	Y*	Tamassia	Spring 2008	Yes	Most years	Tamassia	Spring 2009
CSCI1670	CS167	Operating Systems	N	Y	Y w/ CSCI1690	C*	Y	Doepfner	Fall 2007	Yes	Every year	Doepfner	Fall 2008
CSCI1680	CS168	Computer Networks	N	Y	Y	NA	N	Jannotti	Fall 2007	Yes	Every year	Jannotti	Spring 2009
CSCI1690	CS169	Operating Systems Laboratory	N	N	N	N/A	N	Doepfner	Fall 2007	Yes	Every year	Doepfner	Fall 2008
CSCI1730	CS173	Introduction to Programming Languages	Y	N	N	E	Y*	Krishnamurthi	Fall 2007	Yes	Most years	Krishnamurthi	Fall 2008
CSCI1760	CS176	Introduction to Multiprocessor Synchronization	Y	N	N	C*	Y	Herlihy	Fall 2007	Yes	Most years	Herlihy	Fall 2008
CSCI1780	CS178	Parallel and Distributed Programming	N	Y	Y	E	N	Reiss	Spring 2002	No	Occasionally		N/A
CSCI1810	CS181	Computational Molecular Biology	Y	N	N	B	Y*	Preparata	Fall 2007	Yes	Every year	Preparata	Fall 2008
CSCI1900	CS190	Software System Design	N	Y	Y	E	N	Laidlaw	Spring 2008	Yes	Every year	Krishnamurthi	Spring 2009
CSCI1950	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		N/A
CSCI1950-A	CS195-4	Computational Modeling and Algorithmic Thinking						Dean	Spring 2008	no	Once or twice		N/A
CSCI1950-B	CS196-3	Computational Topology and Discrete Geometry	Y	Y	N	B, H	Y	Hughes	Cxld Spring 2007	No	Once or twice		N/A
COGS1680	CSCI1950-F	Introduction to Machine Learning	Y	Y	N	D	Y	Black	Fall 2006	Yes	Once or twice	Johnson	Fall 2008
CSCI1950-L	CS196-1	Algorithmic Foundations of Computational Biology	Y	Y	N	B*,E	Y	Istrail	Spring 2008	No	Most years		N/A
CSCI1950-Z	new	Computational Methods for Biology				B	Y	Raphael		Yes	Occasionally	Raphael	Spring 2009
CSCI1970	CS193/4	Individual Independent Study	N/A	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	Hughes	Spring 2009
CSCI2270	CS227	Topics in Database Management	N	Y	N	G	N/A	Zdonik	Spring 2008	Yes	Most years	Zdonik	Spring 2009
CSCI2310	CS231	Human Factors and User Interface Design	N	Y	N*	E	N/A	Reiss	Fall 2007	No	Every other year		N/A
CSCI2330	CS233	Programming Environments	N	Y	Y*	E	N/A	Reiss	Fall 2006	No	Every other year		N/A
CSCI2340	CS234	Software Engineering						Reiss	Spring 2005	Yes	Occasionally	Reiss	Spring 2009
CSCI2370	CS237	Interdisciplinary Scientific Visualization	N	Y	Y*	H	N/A	Laidlaw	Fall 2007	no	Every other year		N/A
CSCI2410	CS241	Statistical Methods of Natural Language Understanding	N	Y	Y	D	N/A	Charniak	Fall 2007	no	Most years		N/A
CSCI2430	CS243	Topics in Machine Learning						Dean	Cxld Spring 2002	No	Occasionally		N/A
CSCI2440	CS244	Game-Theoretic Artificial Intelligence	Y	N	N	D	N/A	Greenwald	Spring 2008	no	Most years		N/A
CSCI2500	CS250	Topics in Advanced Algorithms	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A
CSCI2500-A	CS250-1	Advanced Algorithms	Y	N	N	B	N/A	Klein	Spring 2007	Yes	Most years	Klein	Spring 2009
CSCI2500-B	(new)	Optimization Algorithms for Planar Graphs	Y	N	N	B	N/a	Klein	Cxld Fall 2007	No	Most years		N/A
CSCI2510	CS251 (new)	Approximation Algorithms	Y	N	N	B	N/A	Mathieu	Cxld Fall 2007	Yes	Occasionally	Mathieu	Fall 2008
CSCI2520	CS252	Computational Geometry	Y	N	Y	B	N/A	Tamassia	Spring 2005	No	Occasionally		N/A
CSCI2531	new	Internet and Web Algorithms				B, D		Upfal	N/A	Yes		Upfal	Spring 2009
CSCI2540	CS254	Advanced Probabilistic Methods in Computer Science	Y	N	N	A, B	N/A	Upfal	Spring 2007	No	Occasionally		N/A

