

Winter 2014 Course Offerings

Instructor	Area	Number	Title
Ragde, Prabhakar	Pr Lang	CS 642	Principles of Programming Languages
Lhotak, Ondrej	Pr Lang	CS 644	Compiler Construction
Atlee, Joanne	SE	CS 645	Software Requirement Specification Analysis
Holmes, Reid	SE	CS 646	Software Design and Architectures
Tan, Lin	SE	CS 647	Software Testing, Quality Assurance, and Maintenance
Ilyas, Ihab	DB	CS 648	Database System Implementation
Morton, Andrew	HS Syst	CS 650	Computer Architecture
Cowan, William	HS Syst	CS 652	Real-Time Programming
Daudjee, Khuzaima	HS Syst	CS 654	Distributed Systems
Boutaba, Raouf	HS Syst	CS 656	Computer Networks
Goldberg/Hengartner	HS Syst	CS 658	Computer Security and Privacy
Shallit, Jeff	Alg	CS 662	Formal Languages and Parsing
Forsyth, Peter	Sci/Symb	CS 676	Numerical Computation for Financial Modeling
Burkowski, Forbes	Bionif	CS 683	Computational Techniques in Structural Bioinformatics
Ben-David, Shai	AI	CS 685	Machine Learning
Poupart, Pascal	AI	CS 686	Introduction to Artificial Intelligence
Labahn, George	Sci/Symb	CS 687	Introduction to Symbolic Computation
Baranoski, Gladimir	Graphics	CS 688	Introduction to Computer Graphics
Cohen, Robin	No Area	CS 692	Social Implications of Computing
Therese Biedl	Alg	CS 762	Graph-Theoretic Algorithms VIDEO PDF
Jonathan Buss	Alg	CS 764	Computational Complexity VIDEO PDF
L. Krivodonova	Sci/ Symb	CS 778	Numerical Solutions of Partial Differential Equations
Johnny Wong	HS Sys / Sci Symb	CS 798	Advanced Research Topics: Math Foundations of Computer Networking PDF
Frank Tip	Pr Lang	CS 798	Advanced Research Topics: Scripting Languages VIDEO PDF

Reid Holmes	SE	CS 846	Advanced Topics in Software Engineering: Software Recommendation Systems VIDEO
Mike Godfrey	SE	CS 846	Advanced Topics in Software Engineering: Topics in Software Evolution VIDEO PDF
Ihab Ilyas	DB	CS 848	Advanced Topics in Databases: Data Quality VIDEO
Tim Brecht	HS Sys	CS 856	Advanced Topics in Distributed Computing: 802.11 Network Performance
Naomi Nishimura	Alg	CS 860	Parameterized Algorithms and Reconfiguration Problems VIDEO
Ashwin Nayak	Quantum	CS 867	Advanced Topics in Quantum Computing: Quantum Error Correction & Fault Tolerance
Jesse Hoey	AI, HCI	CS 886	Advanced Topics in AI: Affective Computing VIDEO PDF
Christopher Batty	Graphics	CS 888	Advanced Topics in Computer Graphics: Physics-Based Animation
Robin Cohen	No area	CS 898	Advanced Special Topics In Computer Science: Technology for Social Implications of Computers PDF
Gladimir Baranoski	Sci/ Symb	CS 898	Advanced Special Topics In Computer Science: On the Synergy between Computer Science and Biology
Farhad Mavaddat	Cancelled	CS 898	Advanced Special Topics In Computer Science: Topic TBD