Approved Electives →Spring 2012

BNAD 510 – Business for Scientists

ECE/C SC 512 -- Reverse Engineering the Fly: From Physiology to Computational Models ECE 516 -- Introduction to Robotics

ECE 562 -- Computer Architecture and Design

ECE 564 -- Broadband Networks and Multimedia Communications

ECE 568 -- Introduction to Parallel Processing (last taught Spring 09)

ECE 569 -- High Performance Computing: Technology, Architecture, Algorithms

ECE/C SC 571 -- Advanced Logic Synthesis and Verification Algorithms

ECE 573 -- Software Engineering Concepts

ECE/C SC 574A -- Computer-Aided Logic Design

ECE 576 -- Engineering of Computer-Based Systems

ECE 577 -- Computer System and Network Evaluation (last taught Spring 09)

ECE 636 -- Information Theory

ECE 677 -- Distributed Computing Systems

ECE 678 -- Integrated Telecommunications Networks

ISTA 521 -- Introduction to Machine Learning LING/C SC 538 -- Computational Linguistics

LING 578 -- Speech Technology (last taught Fall 09)

LING/C SC581 – Advanced Computational Linguistics

LING 699 -- Seminar in Human Language Technology

Math/C SC 502 -- Mathematical Logic

Math 515A -- Introduction to Abstract Algebra

Math 515B -- Second Course in Abstract Algebra

Math 530 -- Second Course in Geometry

Math 534A/534B -- Introduction to Topology

Math/C SC 535A -- The Mathematics of Computer Graphics

Math 539 -- Algebraic Coding Theory (last taught Spring 06)

Math/C SC 543 -- Theory of Graphs and Networks

Math 546 -- Theory of Numbers

Math 547 -- Combinatorial Mathematics

Math 564 -- Theory of Probability

Math 571 or 571B-- Design of Experiments

Math 574 of 574G-- Introduction to Geostatistics

Math/C SC 575A -- Numerical Analysis

Math/C SC 575B -- Numerical Analysis

Math 577 --02 -- Quantum Information and Error Correction (taught experimentally in Spring 2012)

Math/C SC 578 -- Computational Methods of Algebra

Math/C SC 579 -- Game Theory and Mathematical Programming

Math/C SC 589 -- Software Tools for Computational Science and Engineering (last taught Spring 06)

Math 636 -- Information Theory

MIS 505 -- IT Strategy (last taught Spring 07)

MIS 521 -- Systems Modeling and Simulation

MIS/C SC 540 -- Artificial Intelligence (last taught Fall 05)

MIS/C SC 541 -- Analysis and Design of Service-Oriented Systems (previously numbered 541A, change effective Fall 2007)

MIS 578 – Project Management

MIS 582 – E-Business Systems Development

MIS 696D -- Models for Quantitative Analysis

PHIL/C SC 501A -- Symbolic Logic

PHIL/C SC 501B -- Symbolic Logic

RNR 503 -- Applications of Geographic Information Systems

RNR 517 -- Geographic Information Systems/ Nat & Soc Sci