

Spring 2018 Electives for Undergraduate Students

CS4220 CURRENT TRENDS IN WEB DESIGN AND DEVELOPMENT
(Register for Section 2; Section 1 and Section 3 are closed)

CS4471 COMPUTER NETWORKS CONFIGURATION AND MANAGEMENT
(Register for Section 2 or Section 3; Section 1 is closed)

CS4540 Section 1: TOPICS IN ADVANCED COMPUTER SCIENCE – Functional Programming
(Prerequisite: CS3112 and CS3035 with grades of “B” or better)
(Email Dr. Kang or Dr. Pamula for permits to this restricted section)

CS4540 Section 2, Section 3: TOPICS IN ADVANCED COMPUTER SCIENCE - Robotics
(Prerequisites – MATH2550, CS3112, CS3186, CS3220)
Email Richard Cross for permits to these restricted sections

CS4551 MULTIMEDIA SOFTWARE SYSTEMS
(Register for Section 2; Section 1 is closed)
(Depending on enrollment, both sections could be combined into Section 2)

CS 4662 Advanced Machine Learning
(Prerequisite – CS4661)

Note: Graduating Seniors can request to take one CS5000 level course as an elective from the list below. You would need prior permission from the course instructor and program advisor.

- **CS5440: Advanced Operating Systems (Prerequisite: CS4440)**
- **CS5540 Section 2, Section 3: Advanced Database (Prerequisite: CS4222)**
- **CS5780: Advanced information security (Prerequisite: CS4780)**

Spring 2018 Courses for Graduate Students

CS4220 CURRENT TRENDS IN WEB DESIGN AND DEVELOPMENT (Prerequisite – CS3220)
(Section 2 only; Section 1 is Closed)

CS 4471 COMPUTER NETWORKS CONFIGURATION AND MANAGEMENT (Prerequisite – CS3112)
(Section 2 and Section 3 only; Section 1 is Closed)

CS4540 TOPICS IN ADVANCED COMPUTER SCIENCE - Robotics (Prerequisite – CS3112)
(Section 3 only)

CS 5112 DESIGN AND ANALYSIS OF ALGORITHMS (Prerequisite – CS3112)

CS 5440 Advanced Operating Systems (Prerequisite – G2 standing)
Section 1: Multimedia Systems – (Offered as CS4551 for undergraduates.)

CS 5540 GRADUATE TOPICS IN COMPUTER SCIENCE (Prerequisite – CS3112)
Section 1: Multimedia Systems – (Offered as CS4551 for undergraduates.)

CS 5540 GRADUATE TOPICS IN COMPUTER SCIENCE
Advanced Database Systems – (Prerequisite – CS4222 and G2 standing)
Section 2 and Section 3

CS 5561 TOPICS IN DATA SCIENCE (Prerequisite – CS4661)
(Do not register for CS4662 which is offered for undergraduate students)

CS5780: Advanced information security (Prerequisite – CS4780)