

\*Schedule & course listings subject to change\*

## **Spring 2023 Graduate Category A Courses**

- **CSCI 5573 Operating Systems**, Ra
  - Foundational pre-reqs: CSCI 3412 & 3453
- **CSCI 5593 Advanced Computer Architecture**, Alaghband
  - Foundational pre-reqs: CSCI 4591

## **Spring 2023 Graduate Category B Courses**

- **CSCI 5110 Applied Number Theory**, Gethner
  - Foundational pre-reqs: CSCI 2511
- **CSCI 5408 Applied Graph Theory**, Gethner
  - Foundational pre-reqs: CSCI 2511
- **CSCI 5575 Cyber-Physical Systems**, He
  - Foundational pre-reqs: CSCI 2421
- **CSCI 5620 Computational Motor Control**, Al Borno
  - Foundational pre-reqs: CSCI 3412
- **CSCI 5773 Introduction to Emerging System Security**, Li
  - Foundational pre-reqs: CSCI 3412 & 3453
- **CSCI 5742 Cybersecurity Programming**, Jafarian
  - Required for the Cyber Security & Defense Certificate
  - Foundational pre-reqs: CSCI 2312, 2421, 2511, 3412 & 3453
- **CSCI 5800-001 Cyber-Physical Systems Projects**, He
  - Pre-Requisite: CSCI 5575
- **CSCI 5800-002 Learning & Data Analytics w/ Graphs**, Banaei-Kashani
  - Foundational pre-reqs: CSCI 2312, 2421 & 3412
- **CSCI 5800-H01 AI with Reinforcement Learning**, Biswas
  - Foundational pre-reqs: CSCI 2312, 3412 & 3453
- **CSCI 5931 Deep Learning**, Biswas
  - Foundational pre-reqs: CSCI 3412

## **Spring 2023 Graduate Category C Courses**

- **CSCI 5011 Software Project Management Support**, Williams
  - Required for the Software Engineering Certificate
  - Foundational pre-reqs: CSCI 2312 & 2421

## **Spring 2023 Courses to Satisfy MS Course Project**

- **CSCI 5620: Computational Motor Control**, Al Borno
  - Foundational pre-reqs: CSCI 3412
- **CSCI 5773 Introduction to Emerging System Security**, Li
  - Foundational pre-reqs: CSCI 3412 & 3453
- **CSCI 5800-001 Cyber-Physical Systems Projects**, He
  - Pre-Requisite: CSCI 5575
- **CSCI 5800-002 Learning & Data Analytics w/ Graphs**, Banaei-Kashani
  - Foundational pre-reqs: CSCI 2312, 2421 & 3412
- **CSCI 5800-H01 AI with Reinforcement Learning**, Biswas
  - Foundational pre-reqs: CSCI 2312, 3412 & 3453
- **CSCI 5931 Deep Learning**, Biswas
  - Foundational pre-reqs: CSCI 3412