ROBOTICS (ROBO)

Courses

ROBO 5000 (3) Introduction to Robotics
Introduction to Robotics prepares graduate students in the Robotics graduate program to be equipped with fundamental methods and tools in the field. This involves both a theoretical and a practical component, which are offered in a lecture and laboratory format.
Equivalent - Duplicate Degree Credit Not Granted: CSCI 5202
Requisites: Restricted to graduate students in the College of Engineering.

ROBO 5009 (1) Robotics Seminar
Covers new and innovative topics in the robotics field through presentations by leading researchers, faculty, and current graduate students. Students will practice professional presentation skills and learn proper etiquette for participation in scientific research talks.
Requisites: Restricted to ROBO-MS and ROBO-PHD students only.

ROBO 5302 (3) Advanced Robotics
Exposes students to current research topics in the field of robotics and provides hands-on experience in solving a grand challenge program.
Equivalent - Duplicate Degree Credit Not Granted: CSCI 4302 and CSCI 5302
Requisites: Restricted to graduate students only.
Recommended: Prerequisite CSCI 3302 or instructor consent required.

ROBO 6900 (1-6) Robotics Independent Study
Provides credit for independent study for ROBO-MS and ROBO-PHD students.
Repeatable: Repeatable for up to 6.00 total credit hours. Allows multiple enrollment in term.
Requisites: Restricted to ROBO-MS and ROBO-PHD students only.

ROBO 6930 (1-3) Robotics Internship
Allows graduate students to receive academic credit for an internship experience in the field of robotics and adjacent disciplines. Students extensively document their internship and will be assessed over and above their basic internship responsibilities as appropriate for the learning outcomes of this course. Prior approval from the Robotics Program is required before students may enroll in this course.
Requisites: Restricted to ROBO-MS and ROBO-PHD students only.

ROBO 6950 (1-6) Master's Thesis
Research conducted on a specialized topic in robotics and overseen by robotics faculty.
Repeatable: Repeatable for up to 6.00 total credit hours. Allows multiple enrollment in term.
Requisites: Restricted to ROBO-MS students only.

ROBO 7000 (1-4) Special Topics in Robotics
Course material will cover current topics of interest in robotics.
Repeatable: Repeatable for up to 18.00 total credit hours. Allows multiple enrollment in term.
Requisites: Restricted to graduate students in the College of Engineering.

ROBO 8990 (1-10) Doctoral Dissertation
Repeatable: Repeatable for up to 10.00 total credit hours. Allows multiple enrollment in term.
Requisites: Restricted to ROBO-PHD students only.