



Robotics Recommended Electives

The following are recommended courses for the concentration in robotics. Discuss your specific interests with your advisor.

Engineering electives:

ME 210 Manufacturing and Design
ME 372 Engineering Design Optimization
ME 470 Heat Transfer
ME 477 The Need for Speed: Motorsport Engineering
ME 492 Biomechanics
ECE 322 Introduction to Solid State Devices and Circuits
ECE 332 Communications Systems
ECE 414 Embedded Systems
ECE 427 Sensors and Electronic Systems
ECE 434 Digital Signal Processing
ECE 435 Speech and Image Processing
EGRS 480 Sustainable Solutions

Natural Sciences/Humanities/Social Sciences:

BIOL 314 Anatomy of Vision
BIOL 275 Behavioral Ecology
CS 150 Data Structures and Algorithms
CS 200 Computers and Society
CS 202 Analysis of Algorithms
MATH 246 Evolutionary Game Theory
MATH 335 Probability
MATH 272 Linear Algebra with Applications
PHYS 218 Oscillatory and Wave Phenomena
PHYS 327 Advanced Classical Mechanics
PSYC 226 Human Factors and Engineering Psychology