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