2018-2019 Computer Engineering Technical Electives

CE Focus Technical Electives: You must take at least three of these

- ECE 417 Introduction to Robotics (ECE177 & MAT228)
- ECE 471 Embedded Systems (ECE271)
- ECE 478 Industrial Computer Control (ECE271)
- COS 3xx Computer Science Elective (varies)
- ECE 484 Communications Engineering (ECE314 & ECE316)
- ECE 423 Electric Power Conversion (ECE214 & C- in ECE210)
- ECE 444 Analog IC Design (ECE314 & ECE343)
- ECE 462 Semiconductor Devices (Chy131, PHY122, MAT258)
- ECE 498 Selected Topics (varies)

If you wish to specialize in an area, some possibilities are:

**Embedded Control**
ECE478, ECE477, ECE471, ECE414

**High Performance Computing**
ECE331, ECE477

**Robotics**
ECE417, ECE477, ECE471, ECE487

Other Courses with Adviser Approval (varies)