Students are required to earn a total of 32 credits (8 courses) at the graduate level (500-level and above) with grades of C or better. Students must achieve a degree GPA >=3.0 for the 32 credits used toward the degree.

**PROGRAM REQUIREMENTS**

1. ☐ 4 credits of EC601 to satisfy the **practicum requirement**
2. ☐ 4 credits of EC602 to satisfy the **software requirement**
3. ☐ 16 credits of CE electives from the total 32 credits must be selected from the CE electives.

Please list your 16 credits (4 courses) from the CE electives listed on the next page.

- __________________________________________________
- __________________________________________________
- __________________________________________________
- __________________________________________________

4. **GENERAL GRADUATE ELECTIVES** – Please list your remaining 8 credits of general graduate electives. General graduate electives may include College of Engineering courses and College of Arts and Sciences courses in technical areas (e.g., computer science, mathematics, physics, biology) or MS Project or MS Thesis.

Please list your general graduate electives:

- __________________________________________________
- __________________________________________________

Advisor Signature: ____________________________________________
MATRICULATION YEAR FALL 2016

ECE MS/MEng Electives
(See the College of Engineering Bulletin for course descriptions)

EE and CE electives are grouped according to sub-divisions. Please note the sub-divisions are specified to guide you in choosing electives according to your interests. The four courses used as CE electives can be chosen from a single sub-division of CE or they may be spread among multiple sub-divisions of CE.

COMPUTER ENGINEERING ELECTIVES

- Computer Communications/Networks
  EC505 EC508 EC515 EC521 EC524 EC534 EC541 EC544 EC561 EC715 EC724 EC725 EC727 EC733 EC741 EC744 EC749
- Hardware
  EC513 EC527 EC551 EC561 EC571 EC580 EC582 EC713 EC749 EC752 EC753 EC757 EC772 EC782
- Software
  EC504 EC511 EC512 EC521 EC527 EC535 EC544 EC712 EC730
- Cyber Security
  EC504 EC521 EC541 - CAS CS538 CAS CS548 CAS CS558

ELECTRICAL ENGINEERING ELECTIVES

Note: These may be used as general graduate electives toward the MS in CE degree

- Signal Processing and Communications
  EC503 EC505 EC508 EC515 EC516 EC517 EC519 EC520 EC541 EC702 EC715 EC716 EC717 EC719 EC720
- Systems and Control
  EC501 EC505 EC517 EC524 EC701 EC702 EC710 EC724 EC733 EC734
- Sensing and Information
  EC503, EC504, EC505, EC508, EC515, EC516, EC517, EC520, EC521, EC702, EC715, EC716, EC717, EC719, EC720
- Computational and Cyberphysical Systems
  EC501, EC504, EC524, EC541, EC544, EC701, EC724, ME/SE740, ME570
- Bioelectrical
  EC505 EC516 EC520 EC571 EC580 EC582 EC716 EC717 EC720 EC772 EC782 EC765
- Electromagnetics and Photonics
  EC562 EC563 EC566 EC568 EC569 EC570 EC573 EC591 EC707 EC731 EC760 EC762 EC763 EC764 EC765 EC770 EC773 EC777
- Solid-State Circuits, Devices, and Materials
  EC571 EC574 EC575 EC577 EC578 EC579 EC580 EC582 EC770 EC771 EC772 EC774 EC775 EC777 EC782