MATRICULATION YEAR FALL 2016

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 \( \geq 3.0 \) 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. □ 12 credits of EE electives chosen from the list on the following page.

Please list your 12 credits (3 courses) from the EE electives listed on the next page.

- ______________________________________________
- ______________________________________________
- ______________________________________________

4. □ 4-credits chosen from either the EE or CE elective list

- ______________________________________________

5. **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:

- ______________________________________________
- ______________________________________________
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 three courses used as EE electives can be chosen from a single sub-division of EE or they may be spread among multiple sub-divisions of EE.

**ELECTRICAL ENGINEERING ELECTIVES**
- **Signal Processing and Communications**
  - EC503, EC505, EC508, EC515, EC516, EC517, EC519, EC520, EC541, EC702, EC715, EC716, EC717, EC719, EC720
- **Systems and Control**
  - EC501, EC504, 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, EC574, EC575, EC576, EC702, EC715, EC724, EC725, EC727, EC733, EC741, EC744, EC749
- **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

**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, EC535, 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