MATRICULATION YEAR FALL 2017

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.

Student’s Name (In Print): ________________________________ BU ID __________________

PROGRAM REQUIREMENTS

1. **CE ELECTIVE REQUIREMENTS (20 credits)** - Please list your 20 credits (5 courses) from the CE electives on the next page.
   - __________________________________________________
   - __________________________________________________
   - __________________________________________________
   - __________________________________________________
   - __________________________________________________
   - __________________________________________________

2. **GENERAL GRADUATE ELECTIVES (8 credits)** – Please list your 8 credits (2 courses) of general graduate electives. General graduate electives may include graduate-level ECE courses (including the electives on the next page), other College of Engineering graduate-level courses, and College of Arts and Sciences graduate-level courses in technical areas (e.g., computer science, mathematics, physics, biology) or MS Project or MS Thesis credits that are not counted towards the practicum.

   Please list your general graduate electives:
   - __________________________________________________
   - __________________________________________________

3. **PRACTICUM REQUIREMENT (4 credits)** – Please check one:
   - [ ] EC601: Product Design in ECE
   - [ ] EC953: MS Project
   - [ ] EC954: MS Thesis

Advisor Name (in Print): ____________________________ Advisor’s Signature ____________________________
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**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, 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, EC528, EC527, EC535, EC544, EC712, EC730
- **Cyber Security**
  - EC504, EC521, EC541, - CAS CS538, CAS CS548, CAS CS558
- **General**
  - EC601, EC602, EC605

**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, 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
- **General**
  - EC601, EC602