Master of Engineering Program Planning Sheet

Electrical Engineering

Department of Electrical and Computer Engineering
College of Engineering, Boston University

MATRICULATION YEAR FALL 2017

Student's Name (In Print):_____**BU ID**_____

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. **EE ELECTIVE REQUIREMENTS (20 credits)** - Please list your 20 credits (5 courses) from the electives on the next page. At least 12 of the credits (3 courses) must be Electrical Engineering Electives and at most 8 credits (2 courses) can be Computer Engineering Electives.

   - _____
   - _____
   - _____
   - _____
   - _____

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, graduate-level Questrom School of Business courses (e.g., leadership, entrepreneurship, project management) 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.
   - _____
   - _____

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 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 EC505 EC517 EC524 EC701 EC702 EC710 EC724 EC733 EC734
- **Sensing and Information**
  EC503, EC 504 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
- **General**
  EC601 EC602

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 EC 528 EC527 EC535 EC544 EC712 EC730
- **Cyber Security**
  EC504 EC521 EC541 - CAS CS538 CAS CS548 CAS CS558
- **General**
  EC601 EC602 EC605