Master of Science Program Planning Sheet
Electrical and Computer Engineering
Department of Electrical and Computer 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 in order to graduate. Students must achieve a degree GPA >=3.0 for the 32 credits used toward the degree. If cumulative GPA drops below 3.0, the student will be put on academic probation.

PROGRAM REQUIREMENTS

1. **SOFTWARE REQUIREMENT (4 credits)**
   ☐ EC602: Design by Software in ECE*** See note below**

2. **PRACTICUM REQUIREMENT (4 credits)** – Please select one:
   ☐ EC601: Product Design in ECE*** See note below**
   Students who place out of EC601 must then select one of the following below:
   ☐ EC953: MS Project
   ☐ EC954: MS Thesis

3. **ECE GRADUATE ELECTIVES (12 credits)** - Please list your 12 credits (3 courses) from the ECE Electives on the next page (do not include EC601 or EC602).

   _____

   _____

   _____

4. **GENERAL ELECTIVES (12 credits)** – Students may take 12 credits (3 courses) of general graduate electives (not counted for their ECE electives). General graduate electives include graduate-level ECE courses (such as electives on the next page), other College of Engineering graduate-level courses, most College of Arts and Sciences graduate courses (generally 500-level or higher) in technical areas (computer science, mathematics, physics, chemistry, biology) or MS Project or MS Thesis credits that are not counted towards the practicum.

   _____

   _____

   _____

Advisor Name (in Print):_____**Advisor's Signature**_____

*Note: In order to waive or be exempt from this requirement, students must pass a placement exam typically given at the beginning of the academic year.

Master of Science Program Planning Sheet
Electrical and Computer Engineering
Department of Electrical and Computer Engineering

MATRICULATION YEAR FALL 2017

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

The following sub-divisions are specified to guide you in choosing electives according to your interests. Your ECE electives may be chosen from a single sub-division or they may be spread among multiple sub-divisions.

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 EC528 EC535 EC544 EC712 EC730

Cyber Security
EC504 EC521 EC541 - CAS CS538 CAS CS548 CAS CS558

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 EC504 EC505 EC508 EC515 EC516 EC517 EC520 EC521 EC702 EC715 EC716 EC717, EC719, EC720

Computational and Cyberphysical Systems
EC501 EC504 EC524 EC 535 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 ELECTIVES
EC601, EC602, EC605