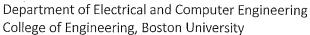
# Master of Engineering Program Planning Sheet

## **Electrical Engineering**





MATRICULATION YEAR FALL 2015 - SPRING 2016

### **PROGRAM REQUIREMENTS**

- 1. Total of 32 credits (8 courses) at the graduate level (500-level and above) with grades of C or better.
- 2. A degree GPA >=3.0 for the 32 credits and a cumulative GPA of >= 3.0 for <u>all</u> credits taken while enrolled in the program.
- 3. 20 credits from the total of 32 credits must be EC5XX and/or EC7XX, 12 credits of which must be from the EE Core:

	Please list your 12 credits (3 courses) from the EE Core:	
	Please list your additional two EC5XX and/or EC7XX courses:	
4.		
	may include College of Engineering courses, School of Management course leadership, entrepreneurship, project management), and College of Arts and Scourses in technical areas (e.g., computer science, mathematics, physics, biology).  Please list your graduate electives:	ciences
5.		
	<ul> <li>a.</li></ul>	ю.
	b.   Two practicum-certified ECE courses (8 credits)	
	If this option is selected, please specify your two practicum-certified ECE of these courses may also be used in EE Core or as technical electives. Please back of this sheet for a list of practicum-certified ECE courses.)	
		•
	Advisor Signature:	

# Master of Engineering Program Planning Sheet

### **Electrical Engineering**

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



MATRICULATION YEAR FALL 2015 - SPRING 2016

## ECE MS/MEng Core<sup>1</sup>

(See the College of Engineering Bulletin for course descriptions)

Courses in the EE and CE Core are grouped according to sub-divisions. Please note that it is not necessary to choose more than one course from any sub-division.

#### **ELECTRICAL ENGINEERING CORE**

- 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

#### **COMPUTER ENGINEERING CORE**

- 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

<sup>&</sup>lt;sup>1</sup> Practicum-certified ECE courses are indicated in bold.