Faculty Advising Reference Sheet - Master’s Programs
2018-2019 Academic Year
Department of Electrical and Computer Engineering
College of Engineering, Boston University

Also available at: http://www.bu.edu/eng/departments/ece/current-faculty-staff/

All Master’s Degrees requires a minimum of 8 graduate-level classes (500 level or above) or 32.0 credits. The program typically takes 1.5 years to complete. Most students enroll as full-time and take 3 courses (12.0 credits) in the fall semester and 3 courses (12.0 credits) in the spring. In their final semester, students can drop to part-time and take 2 courses (8.0 credits).

**ECE Master’s Degrees Offered**

- Master of Science in Electrical and Computer Engineering (new as of 2017, primary degree going forward)
- Master of Science in Computer Engineering (2017-2018 final year degree will be offered)
- Master of Science in Electrical Engineering (2017-2018 final year degree will be offered)
- Master of Engineering in Computer Engineering (2017-2018 final year degree will be offered)
- Master of Engineering in Electrical Engineering (2017-2018 final year degree will be offered)

**Degree Requirements** (Questions contact Academic Programs Manager, lauralav@bu.edu or 617-353-3461)
Please refer to each individual program planning sheet for specific degree requirements *make sure to use the planning sheet that corresponds to the year the student began their program i.e., Fall 2018, Fall 2017, Fall 2016* http://www.bu.edu/eng/departments/ece/resourcesforcurrentstudent/msmeng-planning-sheets/

(New) MS in ECE Degree Requirements http://www.bu.edu/eng/files/2017/05/MS-ECE-Degree-1.pdf

**Practicum and Software Requirements**

- EC601 (practicum) and EC602 (software) must be taken in first semester. Both are offered in fall semester only.
- Exceptions to enrolling in either include passing the placement exam offered at the start of the academic semester.
  - Exemption from EC601 then requires registration of either an MS Project (EC953) or MS Thesis (EC954).
  - Exemption from EC602 then allows the student to take another course of interest (students must still meet the 8 course requirement)
- 3 courses (12.0 credits) must be graduate ECE courses. Remaining 3 courses (12.0 credits) can be in graduate-level College of Engineering courses or graduate-level CAS courses in technical areas (computer science, mathematics, etc) or MS Thesis or Project not used towards the practicum. See program planning sheet for more information.

**Graduation Requirements** (contact Graduate Programs Office, enggrad@bu.edu, 617-353-9760)
Master’s students must achieve 32.0 credits or 8 courses at the graduate level with grades of C or better in order to graduate. If cumulative GPA drops below 3.0, the student will be put on academic probation. Students struggling should seek support from their academic advisor and their individual professors or TAs.

**Advising Codes** (Questions contact Academic Programs Manager, lauralav@bu.edu or 617-353-3461)
Students are instructed to consult with their academic advisor for course selection assistance. Students may also refer to their assigned Master Ambassador whom can share their previous course experiences. Advising codes are given out to students by Academic Program Manager 2 weeks prior to spring registration (Sunday, October 21, 2018).

**Career Development** www.bu.edu/eng/careers (Contact engcareers@bu.edu or 617-353-5769)
The Career Development Office assists students in finding co-op/internships and permanent employment. Offers resume critiques, cover letter help, mock interviews, and career fairs and workshops.

**Specializations** http://www.bu.edu/eng/programs/masters-degree-specialization-programs/ (Questions contact Academic Programs Manager, lauralav@bu.edu or 617-353-3461)

- Cybersecurity, Robotics, and Data Analytics are the several specializations offered and can be added to any Master’s degree title on the transcript. All Master’s Degrees require a minimum of 8 classes or 32.0 credits. The Specialization designation requires 4 courses (16 credits) consisting of 2 required courses (8 credits) and 2 elective courses (8 credits). Refer to each specialization on the website for a list of required and elective courses.

  **Note:** Any specialization can also count towards the Master’s degree i.e., students do not need to take 4 additional courses to achieve a specialization. A specialization can be achieved within the 8 course requirement for the Master’s degree. Students planning to pursue a Specialization should declare their intent as early as possible in their programs to facilitate course planning.

**Master’s Handbook** More in-depth information and additional resources can be found here: