

2018 EECS MEng (6-P) Program

The EECS Department has modified its Master of Engineering program to include a Professional Perspective requirement as a complement to the existing degree requirements for academics and research. The 2018 Program will be required for all students who enter the MEng program in June 2019 or after. Students who have already entered the MEng program (i.e., who have graduate status before June 2019) may choose to satisfy either the old requirements or the new requirements.

2018 Course 6-P Graduate Requirements

Required Subjects

- 6.THM Master of Engineering Program Thesis [24 units]
- 6.997 Professional Perspective in EECS [1 unit]

Restricted Electives

- Four graduate subjects totaling at least 42 units from a list specified by EECS. [42-48 units]
- Subjects from a restricted departmental list including 6.998 and subjects from mathematics, science, and engineering electives totaling at least 24 units. [24 units]

Total Units: 91-97

In support of the new requirements there are two EECS graduate (G) subjects in the catalog. Note that it will be possible to petition various substitutions for the required 6.997 subject – please see the notes after the subject descriptions.

6.997 Professional Perspective Internship

Prereq: None, G (Fall, IAP, Spring, Summer), 1 unit, grade P/F

Required for Course 6 students in the MEng program to gain professional perspective in research experiences or internships in electrical engineering or computer science. Before enrolling, students must have an offer of employment from a company or organization. Employers must document the work accomplished. Written report required upon completion of a minimum of 4 weeks of off-campus experience. Proposals subject to departmental approval. Note: For international students who begin the MEng program in the same summer as the proposed experience, the internship may not begin earlier than the first day of the Summer Session.

Consult Department Undergraduate Office

6.998 Practical Experience in EECS

Prereq: None, G (Fall, IAP, Spring, Summer), 1 unit, grade P/F

For Course 6 students in the MEng program who seek practical off-campus research experiences or internships in electrical engineering or computer science. Before enrolling, students must have an offer of employment from a company or organization. Employers must document the work accomplished. Written report required upon completion of a minimum of 4 weeks of off-campus experience. Proposals subject to departmental approval.

Consult Department Undergraduate Office

Notes:

6.997 is required of all MEng students in the 2018 Program. We will allow students to petition to use other subjects that provide professional perspectives to satisfy the 6.997 requirement:

- Undergrad practical work experience (6.920),
- 6-A internships (6.921, 6.922, 6.951, 6.952)
- the new professional perspective subjects being introduced for the PhD program
- Subjects focusing on leadership (GEL, UPOP: 6.EPE, 6.EPW, 6.911, 6.912, 6.913, 6.914, 6.915, 6.928, 6.930)
- entrepreneurship (6.901, 6.902, 6.903, 6.906, 6.907, 6.933, 6.936),
- public policy and ethics (6.904, 6.9041, 6.929)

International students with F-1 visa status seeking a summer internship right after completing their undergrad program are required to register for 6.997 during that first summer term in order to be eligible for F-1 Curricular Practical Training (CPT) authorization. Appropriate summer tuition fee(s) are required. For unpaid internships, the student must enroll in 6.997 but may petition for a waiver of the summer tuition fee.

6.998 is available as an elective subject for students who wish to have an additional work experience and must fulfill the restricted elective requirement. It is one of the MEng Restricted Electives. No substitutions will be allowed for 6.998. For International Students, 6.998 is eligible for F-1 CPT authorization.