

This roadmap is an 'MIT student optimized' guide for structuring your schedule. Course 15 always encourages you to choose courses based upon interest, not by whichever checks off the most boxes. Please read the footnotes for additional options and email ugeducation@sloan.mit.edu or come see us in the Program Office to discuss

**Roadmap – Course 15-1 (Management) &
Course 6-5 (Electrical Engineering with Computing)**
[subjects that fulfill both Course 15 & Course 6 are in purple]
UPDATED Fall 2025

First Year - Fall

6.100A or 6.100L
15.276 or 15.279¹
18.01
Science GIR
HASS

Sophomore Year - Fall

6.120A or 6.1200
6.2000
15.301²
18.06 or 18.C06 or 6.S084
HASS

Junior Year - Fall

6.1210
6.3100
Course 6 EE Track Subject⁵
14.01 or 15.0111⁴
15-1 Concentration Elective

Senior Year - Fall

15-1 Concentration Elective
Course 6 EE Track / 15-1 Concentration Elective^{5 6}
Course 6 EECS / 15-1 Concentration Elective^{5 6}
HASS

First Year - Spring

6.1903 or 6.1904
15.501
18.02
Science GIR
HASS

Sophomore Year – Spring

6.1910
6.3700 or 18.05³
15-1 Restricted Elective
Science GIR
HASS

Junior Year – Spring

6.9000
Course 6 EE Track Subject⁵
15-1 Restricted Elective
Science GIR

Senior Year – Spring

15-1 Concentration Elective⁶
Course 6 EE Track Subject⁵
HASS⁷
HASS

Notes:

¹Course 15/6 double majors have petitioned Course 6 to count 15.276 or 15.279 as a substitute for 6.UAT (Course 6 EECS Subject). Please note, though, Course 15 will not allow the reverse substitution (6.UAT will not substitute for 15.276 or 15.279).

²15.312 is no longer being offered. Students who have previously taken 15.312 can substitute this course for 15.301.

³18.05 can fulfill the Probability+Statistics requirement for Course 15 and is a 6-5 Math Subject. Course 15/6 double majors can also count 6.3700 to fulfill these Course 15 and Course 6 requirements.

⁴14.01 is a HASS subject. 15.0111 is not a HASS subject. If students take 15.0111, the 9 units will count toward the 180 units beyond GIRs and students will need to take another HASS subject.

⁵Up to two Course 6 courses or non-Course 15 courses can also count as 15-1 Concentration Electives provided these subjects form an intellectually coherent 15-1 Concentration.

(continued)

⁶Please check the [Course 6 website](#) for list of subjects that fulfill each requirement bucket. Take note of level, CI-M status, prerequisites and semesters offered.

⁷Joint Course 15 HASS subjects (15.0161J and 15.039J) can count toward the HASS requirement and also towards the minimum three Course 15 [15-1 Concentration Electives](#) provided these subjects form an intellectually coherent [15-1 Concentration](#).

******For students considering an MEng in Course 6 and wanting to complete their MEng in one year, you will want to plan your courseroad with two “extra” courses that you can apply toward your MEng. If you are planning on getting [funding through an RA-ship/TA-ship](#) for your MEng, you are restricted to two courses per MEng semester. Having two “extra” courses to apply toward your MEng will allow the possibility of graduating in a year (an MEng is typically six courses plus thesis). **These “extra” courses cannot be double counted**, i.e. used towards fulfilling your undergraduate Course 6 requirements, your undergraduate Course 15 requirements, GIRs, or 180 units beyond GIRs. Please [see the Course 6 website](#) for a list of eligible courses and confirm with Course 6 in advance and prior to taking a specific course if you would like that course to count toward your MEng.