

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 15-2 (Business Analytics) &
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
15.276¹
18.01
Science GIR
HASS

First Year - Spring

6.1903 or 6.1904
15.053
18.02
Science GIR
HASS

Sophomore Year - Fall

6.1010²
6.120A or 6.1200³
18.C06 or 18.06 or 6.S084⁴
15.301⁵
HASS

Sophomore Year – Spring

6.2000
6.1910
6.3700 or 18.05⁶
15.076
HASS

Junior Year - Fall

6.1210
6.3100
15.780
Science GIR

Junior Year – Spring

6.9000
6.3900⁷
15-2 Restricted Elective
Science GIR

Senior Year - Fall

6.C571/15.C571⁸
Course 6 EE Track Subject⁹
HASS
HASS

Senior Year – Spring

15-2 Restricted Elective¹⁰
Course 6 EE Track Subject⁹
HASS¹⁰
HASS

Notes:

¹Course 15/6 double majors have petitioned Course 6 to count 15.276 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).

²6.1010 fulfills a requirement for 15-2 and can count as a Course 6 EECS subject.

³6.1200 can count as a 15-2 Restricted Elective and fulfills a requirement for 6-5. 6.120A does not count as a 15-2 Restricted Elective, so students who take 6.120A will need to take an additional 15-2 Restricted Elective.

⁴18.C06 or 18.06 can count as a 15-2 Restricted Elective and fulfills a requirement for 6-5.

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

⁶18.05 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.

(continued)

⁷6.3900 fulfills the [15-2 Machine Learning requirement](#) and can count as a **Course 6 EE Track Subject**.

⁸6.C571/15.C571J can count as a Course 15 [15-2 Restricted Elective](#) and a **Course 6 EE Track Subject**.

Course 15 will allow 6.C571/15.C571 as a substitute for [15.053](#). Students who chose this will need to select a different [15-2 Restricted Elective](#) as 6.C571/15.C571 cannot double count as fulfilling the [15-2 Optimization requirement](#) and as a [15-2 Restricted Elective](#).

⁹Please 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.

¹⁰Joint Course 15 HASS subject [15.0161J](#) can count toward the HASS requirement and also towards the minimum three Course 15 [15-2 Restricted Electives](#).

******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.