

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 6-9 (Computation and Cognition)**

[subjects that fulfill both **Course 15** & **Course 6** are in purple]

UPDATED Fall 2025

First Year - Fall

15.276

18.01

Science GIR

HASS

First Year - Spring

6.100A or 6.100L

15.053

18.02

Science GIR

HASS

Sophomore Year – Fall

6.1010¹

6.1200²

9.01

15.301³

HASS

Sophomore Year – Spring

6.1210 or 6.200

15.069 or 9.07⁴

15.076

15-2 Restricted Elective

18.06 or 18.C06

Junior Year - Fall

6.3000 or 6.3100 or 6.4110

9.85⁵

15.780

Science GIR

Junior Year – Spring

6.3900

6-9 Program Elective⁶

15-2 Restricted Elective

Science GIR

Senior Year - Fall

6-9 Brain Systems/Neurophysiology Subject⁶

15-2 Restricted Elective⁷

HASS⁷

HASS

Senior Year – Spring

6-9 Advanced Project⁶

6-9 Lab⁶

HASS

HASS

Notes:

¹6.1010 can complete the 15-2 Programming Requirement and partially fulfills the select two from 6.1010, 6.1210 or 6.2000 requirement for 6-9.

²6.1200 can count as a 15-2 Restricted Elective and fulfills the select one of 6.1200, 6.120A or 18.03 requirement for 6-9.

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

⁴9.07 can fulfill the Probability+Statistics requirement for Course 15 and is a 6-9 Math Subject. Course 15/6 double majors can also count 18.05 or 6.3700 to fulfill these Course 15 and Course 6 requirements.

⁵9.85 fulfills the Computation and Cognition requirement and is a HASS course. Students who choose an alternative (9.19, 9.39, 9.49, 9.53, or 9.66) need an additional HASS Course.

(continued)

⁶Please check the [6-9 website](#) for list of subjects that fulfill each requirement bucket. Take note of prerequisites and semesters offered. Some subjects have prerequisites that are not included in the list of required courses.

⁷Joint 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 6-9 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 6-9 requirements, your undergraduate Course 15 requirements, GIRs, or 180 units beyond GIRs. Please see the [6-9 website](#) for a list of eligible courses and confirm with Course 9 in advance and prior to taking a specific course if you would like that course to count toward your MEng.