

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 20 \(Biomedical Engineering\)](#)**
[subjects that fulfill both [Course 15](#) & [Course 20](#) are in purple]
UPDATED Fall 2025

First Year - Fall

6.100A or 6.100L

8.01

18.01

Bio GIR

HASS

Sophomore Year - Fall

5.12

15.301¹

15.501

20.110

HASS

Junior Year - Fall

7.03

15.069 or 14.30 or 18.05

15-1 Concentration Elective

20.320

HASS

Senior Year - Fall

7.06

14.01 or 15.0111³

15-1 Concentration Elective⁴

20.309

HASS⁴

First Year - Spring

6.100B

15.276 or 15.279

8.02

18.02

Chem GIR

Sophomore Year – Spring

5.07 or 7.05

15-1 Restricted Elective

18.03

Course 20 / 15-1 Concentration Elective²

HASS

Junior Year – Spring

15-1 Restricted Elective

20.109

20.330

HASS

HASS

Senior Year – Spring

15-1 Concentration Elective

20.380

Course 20 / 15-1 Concentration Elective²

Course 20 Restricted Elective

Notes:

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

²Up to two **Course 20 courses** or non-Course 15 courses can also count as 15-1 Concentration Electives provided these subjects form an intellectually coherent [15-1 Concentration](#).

³14.01 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.

⁴Joint Course 15 HASS subjects (14.45/15.0161J and 14.26/15.039J) 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](#).

**** All core prerequisite Course 20 subjects must be completed with a C or higher in order to move on to the more advanced Course 20 subjects.**