

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 2-A (Mechanical Engineering)**
[subjects that fulfill both Course 15 & Course 2-A are in purple]
UPDATED Fall 2025

First Year – Fall

6.100A or 6.100L
15.276
18.01
Science GIR
HASS

Sophomore Year – Fall

2.001
6.100B or 6.1010¹
18.03
15.301²
Science GIR

Junior Year – Fall

2.005
15.069 or 18.05 or 14.30³
2-A Concentration Elective⁵
15-2 Restricted Elective²
Science GIR
HASS

Senior Year – Fall

2.009 or 2.013 or 2.750 or 2.760
15.780
2-A Concentration / 15-2 Elective^{6 7}
2-A Concentration Elective⁷
HASS

First Year - Spring

2.00
15.053
18.02
Science GIR
HASS

Sophomore Year – Spring

2.003
2.086
2.678 or 2.674
15.076
HASS

Junior Year – Spring

2.671
15.0711 or 6.3900^{1 4 5}
2-A Concentration Elective⁷
15-2 Restricted Elective
HASS

Senior Year – Spring

2-A Concentration / 15-2 Elective^{6 7}
2-A Concentration Elective⁷
15-2 Restricted Elective⁸
HASS⁸
HASS

Notes:

¹15-2 majors taking 15.0711 to fulfill the 15-2 Machine Learning requirement can take either 6.100B or 6.1010 to complete their 15-2 Programming requirement. 15-2 majors taking 6.3900 to fulfill the 15-2 Machine Learning requirement are encouraged to take 6.1010 to complete their 15-2 Programming requirement.

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

³Contact the Sloan Undergrad Office for alternative options for the Probability & Statistics requirement. Please note, the course or courses must cover BOTH Probability and Statistics in depth similar to 15.069.

⁴15-2 majors taking 6.3900 to fulfill the 15-2 Machine Learning requirement are encouraged to take the prerequisite 18.06 or 18.C06. 18.06 or 18.C06 can count as a 15-2 Restricted Elective.

(continued)

⁵15.0711 and 6.3900 cannot double count toward the 15-2 Machine Learning requirement and as a 15-2 Restricted Elective.

⁶Depending on your 2-A Concentration, up to 2 courses (24 units) can be used towards both your 15-2 Requirements or Electives and 2-A degree provided these subjects form an intellectually coherent [2A Concentration](#).

⁷2-A requires students to have 72 units with engineering content in their concentration. Refer to [Course 2-A Degree – MechE Undergrad](#).

⁸Joint Course 15 HASS subjects, 15.0161J, can count toward the HASS requirement and also towards the minimum three Course 15 15-2 Restricted Electives.