

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 come see us in the Program Office to discuss.

**Roadmap – [Course 15-2 \(Business Analytics\)](#) &  
[Course 14-2 \(Mathematical Economics\)](#)**

[subjects that fulfill both [Course 15](#) & [Course 14-2](#) are in purple]

**First Year - Fall**

[6.00](#) or [6.0001](#)&[6.0002](#)

18.01

Science GIR

[14.01](#)<sup>1</sup>

**Sophomore Year - Fall**

[14.30](#)

[15.312](#)

[14.02](#)

Science GIR

**Junior Year - Fall**

[15.780](#)

[14.12](#) or [14.15](#)<sup>3</sup>

[14.05](#) or [14.18](#)<sup>4</sup>

Elective(s)<sup>6</sup>

**Senior Year - Fall**

[15-2 Restricted Elective](#)

[18.104](#), [18.504](#), [18.784](#)

[Economics Elective](#)<sup>5</sup>

Elective(s)<sup>6</sup>

**First Year - Spring**

[15.053](#)

18.02

Science GIR

HASS-A or HASS-H<sup>1</sup>

**Sophomore Year – Spring**

[14.32](#)

[15.276](#)

[18.06](#)<sup>2</sup>

Science GIR

**Junior Year – Spring**

[6.036](#)

[15-2 Restricted Elective](#)

[18.100A](#)

HASS-A or HASS-H

**Senior Year – Spring**

[15-2 Restricted Elective](#)

[Economics Elective](#)<sup>4</sup>

[Mathematics Elective](#)

Elective(s)<sup>6</sup>

**Notes:**

<sup>1</sup>Students who choose [15-2](#) as primary major and [14-2](#) as secondary major can count up to 6 courses toward both the [14-2](#) major and the HASS requirement.

<sup>2</sup>[18.06](#) can count as a [15-2 Restricted Elective](#) and can count toward the 'one of [18.03](#) or [18.06](#)' requirement for [14-2](#).

<sup>3</sup>[14.12](#) or [14.15](#) can count as a [15-2 Restricted Elective](#) and can count toward the 'one of [14.12](#), [14.04](#), [14.15](#), or [14.19](#)' requirement for [14-2](#) (as an alternative [18.062J](#) can count as a [15-2 Restricted Elective](#) and can count as a [Math Elective](#)).

<sup>4</sup>Students who choose [14-2](#) as a secondary major can double count [14.05](#) or [14.18](#) toward their [14-2 CI-M Requirement](#) and their HASS requirement (Alternatively, students can take [14.33](#) as one of their [14-2 CI-Ms](#) and take an additional HASS course).

<sup>5</sup>Students who choose [14-2](#) as a secondary major can double count their [Course 14 Economics Elective](#) as also fulfilling their HASS requirement (provided the Course 14 subject is listed as a HASS course).

<sup>6</sup>With maximum double counting, 36-45 additional units are needed to accrue the 180 units beyond GIRs.

Course 15 Prerequisites:

**15.0791/6.041A&B/18.600/14.30** is a prerequisite for 15.0741, 15.075, 15.761/15.7611, and 15.780

**14.01/15.0111** is a prerequisite for 15.025/15.0251

**15.053 or 15.075 or 18.650** is a prerequisite for 15.071/15.0711

**15.401 or 15.417** is a prerequisite for 15.450

Semester Offered – Requirements for 15-2 Major

**Communicating with Data (CI-M):** 15.276 (Spring)

**Computer Programming:** 6.0001&6.0002 or 6.00 (Fall and Spring. **REST**)

**Machine Learning:** 6.036 (Fall and Spring)

**Optimization (REST):** 15.053 (Spring)

**Organizational Behavior (CI-M):** 15.312 (Fall)

**Probability (REST):** 15.0791 (Fall) OR 6.041A&B (Fall and Spring) OR 18.600 (Fall and Spring) OR 14.30 (Fall)

**Statistics (LAB):** 15.075 (Spring) OR 18.650 (Fall and Spring) or 14.32 (Fall and Spring)

**Stochastic Models:** 15.780 (Fall)

Semester Offered – BA Restricted Electives in Course 15

**Fall Only:** 15.034/15.0341, 15.073J, 15.565, 15.570

**Spring Only:** 15.0251, 15.062/15.0621, 15.071/15.0711, 15.074/15.0741, 15.450, 15.812

**Fall and Spring:** 15.761/15.7611, 15.871, 15.872

**IAP:** 15.6731