

*This roadmap should be viewed as a general guide for structuring your schedule. Actual course taking patterns will vary depending on academic interest and the semester the Course 15 major is begun/declared. Even if you think it is “too late” to declare Course 15, come see us in the Program Office to discuss.*

## Roadmap [First Year Fall] – Course 15-2 (Business Analytics)

[subjects that fulfill both Course 15-2 and GIR requirements are in dark blue]

See following pages for First Year Spring, Sophomore Fall, Sophomore Spring and Junior Fall

### First Year - Fall

6.00 or 6.0001&6.0002 [REST]

18.01

Science GIR

HASS

### Sophomore Year - Fall

15.0791 or 18.600 or 6.041A&B or 14.30<sup>1</sup>

15.312 [CI-M]

Science GIR

HASS

### Junior Year - Fall

15.780

15-2 Restricted Elective

15-2 Restricted Elective

HASS

### Senior Year - Fall

15-2 Restricted Elective

Elective(s)<sup>3</sup>

Elective(s)<sup>3</sup>

HASS

### First Year - Spring

15.053 [REST]

18.02

Science GIR

HASS

### Sophomore Year – Spring

15.075 or 14.32 [LAB]<sup>2</sup> or 18.650

15.276 [CI-M]

Science GIR

HASS

### Junior Year – Spring

6.036

15-2 Restricted Elective

Elective(s)<sup>3</sup>

HASS

### Senior Year – Spring

15-2 Restricted Elective

Elective(s)<sup>3</sup>

Elective(s)<sup>3</sup>

HASS

### Notes:

<sup>1</sup>14.30 does not satisfy the prerequisite for 15.075 or 18.650. Students who take 14.30 should take 14.32 to fulfill the probability and statistics requirements.

<sup>2</sup>15.075 and 14.32 satisfy the Institute LAB requirement. 18.650 does not fulfill the LAB requirement. Students who take 18.650 will need to take an Institute LAB course.

<sup>3</sup>48-63 additional units will be needed to accrue the 180 units beyond GIRs.

<sup>4</sup>See ‘Choosing Between Alternate Versions of Subjects’ at the end of this document for advice on course selection

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**Roadmap [First Year Spring] – Course 15-2 (Business Analytics)**  
[subjects that fulfill both Course 15-2 and GIR requirements are in dark blue]

**First Year - Fall**

18.01  
Science GIR  
Elective  
HASS

**Sophomore Year - Fall**

15.0791 or 18.600 or 6.041A&B or 14.30<sup>2</sup>  
15.312 [CI-M]  
Science GIR  
HASS

**Junior Year - Fall**

15.780  
15-2 Restricted Elective  
15-2 Restricted Elective  
HASS

**Senior Year - Fall**

15-2 Restricted Elective  
Elective(s)<sup>4</sup>  
Elective(s)<sup>4</sup>  
HASS

**First Year - Spring**

6.00 or 6.0001&6.0002 [REST]  
15.053<sup>1</sup> [REST]  
18.02  
Science GIR

**Sophomore Year – Spring**

15.075 or 14.32 [LAB]<sup>3</sup> or 18.650  
15.276 [CI-M]  
Science GIR  
HASS

**Junior Year – Spring**

6.036  
15-2 Restricted Elective  
HASS  
HASS

**Senior Year – Spring**

15-2 Restricted Elective  
Elective(s)<sup>4</sup>  
Elective(s)<sup>4</sup>  
HASS

**Notes:**

<sup>1</sup>Students without previous programming experience should plan on taking [15.S41, Software Tools for Business Analytics](#) during IAP in preparation for 15.053 in the Spring.

<sup>2</sup>14.30 does not satisfy the prerequisite for 15.075 or 18.650. Students who take 14.30 should take 14.32 to fulfill the probability and statistics requirements.

<sup>3</sup>15.075 and 14.32 satisfy the Institute LAB requirement. 18.650 does not fulfill the LAB requirement. Students who take 18.650 will need to take an Institute LAB course.

<sup>4</sup>48-63 additional units will be needed to accrue the 180 units beyond GIRs.

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**Roadmap [Sophomore Fall] – [Course 15-2 \(Business Analytics\)](#)**  
[subjects that fulfill both [Course 15-2](#) and GIR requirements are in dark blue]

**First Year - Fall**

18.01  
Science GIR  
Elective<sup>3</sup>  
HASS

**Sophomore Year - Fall**

[6.00](#) or [6.0001&6.0002](#) [REST]  
[15.0791](#) or [18.600](#) or [6.041A&B](#) or [14.30](#)<sup>1</sup>  
[15.312](#) [CI-M]  
HASS

**Junior Year - Fall**

[15.780](#)  
[15-2 Restricted Elective](#)  
Science GIR  
HASS

**Senior Year - Fall**

[15-2 Restricted Elective](#)  
[15-2 Restricted Elective](#)  
Elective(s)<sup>3</sup>  
HASS

**First Year - Spring**

18.02  
Science GIR  
Elective<sup>3</sup>  
HASS

**Sophomore Year – Spring**

[15.053](#) [REST]  
[15.075](#) or [14.32](#) [LAB]<sup>2</sup> or [18.650](#)  
[15.276](#) [CI-M]  
HASS

**Junior Year – Spring**

[6.036](#)  
[15-2 Restricted Elective](#)  
Science GIR  
HASS

**Senior Year – Spring**

[15-2 Restricted Elective](#)  
Elective(s)<sup>3</sup>  
Elective(s)<sup>3</sup>  
HASS

**Notes:**

<sup>1</sup>[14.30](#) does not satisfy the prerequisite for [15.075](#) or [18.650](#). Students who take [14.30](#) should take [14.32](#) to fulfill the probability and statistics requirements.

<sup>2</sup>[15.075](#) and [14.32](#) satisfy the Institute LAB requirement. [18.650](#) does not fulfill the LAB requirement. Students who take [18.650](#) will need to take an Institute LAB course.

<sup>3</sup>48-63 additional units will be needed to accrue the 180 units beyond GIRs.

<sup>4</sup>See ‘Choosing Between Alternate Versions of Subjects’ at the end of this document for advice on course selection

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**Roadmap [Sohomore Spring] – [Course 15-2 \(Business Analytics\)](#)**  
[subjects that fulfill both [Course 15-2](#) and GIR requirements are in dark blue]

**First Year - Fall**

18.01  
Science GIR  
Elective<sup>4</sup>  
HASS

**Sophomore Year - Fall**

Science GIR  
Elective<sup>4</sup>  
Elective<sup>4</sup>  
HASS

**Junior Year - Fall**

[15.0791](#) or [18.600](#) or [6.041A&B](#) or [14.30](#)<sup>1</sup>  
[15.312](#) [CI-M]  
[15-2 Restricted Elective](#)  
HASS

**Senior Year - Fall**

[15.780](#)  
[15-2 Restricted Elective](#)  
Science GIR  
HASS

**First Year - Spring**

18.02  
Science GIR  
Elective<sup>4</sup>  
HASS

**Sophomore Year – Spring**

[6.00](#) or [6.0001&6.0002](#) [REST]  
[15.053](#)<sup>1</sup> [REST]  
[15.276](#) [CI-M]  
HASS

**Junior Year – Spring**

[15.075](#) or [14.32](#) [LAB]<sup>2</sup> or [18.650](#)  
[6.036](#)  
[15-2 Restricted Elective](#)  
HASS

**Senior Year – Spring**

[15-2 Restricted Elective](#)  
[15-2 Restricted Elective](#)  
Elective(s)<sup>4</sup>  
HASS

**Notes:**

<sup>1</sup>Students without previous programming experience should plan on taking [15.S41, Software Tools for Business Analytics](#) during IAP in preparation for [15.053](#) in the Spring.

<sup>2</sup>[14.30](#) does not satisfy the prerequisite for [15.075](#) or [18.650](#). Students who take [14.30](#) should take [14.32](#) to fulfill the probability and statistics requirements.

<sup>3</sup>[15.075](#) and [14.32](#) satisfy the Institute LAB requirement. [18.650](#) does not fulfill the LAB requirement. Students who take [18.650](#) will need to take an Institute LAB course.

<sup>4</sup>48-63 additional units will be needed to accrue the 180 units beyond GIRs.

<sup>5</sup>See ‘Choosing Between Alternate Versions of Subjects’ at the end of this document for advice on course selection

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**Roadmap [Junior Fall] – Course 15-2 (Business Analytics)**  
[subjects that fulfill both Course 15-2 and GIR requirements are in dark blue]

**First Year - Fall**

18.01  
Science GIR  
Elective<sup>3</sup>  
HASS

**Sophomore Year - Fall**

Science GIR  
Elective<sup>3</sup>  
Elective<sup>3</sup>  
HASS

**Junior Year - Fall**

6.00 or 6.0001&6.0002 [REST]  
15.0791 or 18.600 or 6.041A&B or 14.30<sup>1</sup>  
15.312 [CI-M]  
HASS

**Senior Year - Fall**

15.780  
15-2 Restricted Elective  
15-2 Restricted Elective  
HASS

**First Year - Spring**

18.02  
Science GIR  
Elective<sup>3</sup>  
HASS

**Sophomore Year – Spring**

Science GIR  
Elective<sup>3</sup>  
Elective<sup>3</sup>  
HASS

**Junior Year – Spring**

15.053 [REST]  
15.075 or 14.32 [LAB]<sup>2</sup> or 18.650  
15.276 [CI-M]  
HASS

**Senior Year – Spring**

6.036  
15-2 Restricted Elective  
15-2 Restricted Elective  
15-2 Restricted Elective

**Notes:**

<sup>1</sup>14.30 does not satisfy the prerequisite for 15.075 or 18.650. Students who take 14.30 should take 14.32 to fulfill the probability and statistics requirements.

<sup>2</sup>15.075 and 14.32 satisfy the Institute LAB requirement. 18.650 does not fulfill the LAB requirement. Students who take 18.650 will need to take an Institute LAB course.

<sup>3</sup>48-63 additional units will be needed to accrue the 180 units beyond GIRs.

<sup>4</sup>See ‘Choosing Between Alternate Versions of Subjects’ at the end of this document for advice on course selection

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### Choosing Between Alternate Versions of Subjects

**Computer Programming:** The material in 6.00 and 6.0001+6.0002 is virtually similar. 6.00 is a good option for students who want to take the full course during one semester. If you want to break up the first half and second half of the programming course across different semesters, then 6.0001+6.0002 will give you that option.

**Probability:** The majority of Course 15 students take 18.600 or 15.0791. 15.0791 involves how to apply probability in different business areas/situations, and is less theoretical than 18.600. 14.30 is an alternative for Course 14/15 and 6-14/15 double majors. Students who take 14.30 should take 14.32 to fulfill the Statistics requirement. Probability is one of the few courses that is a prerequisite for other Course 15 requirements (Statistics and Stochastic Processes).

[\* for 15/18 double majors, Course 18 will accept petitions to count either 15.0791 or 15.075 towards the Course 18 requirements, but not both]

**Statistics:** The majority of Course 15 students take 15.075, which is only offered in the Spring (18.650 is offered both Fall and Spring). As with 15.0791, most of the examples and applications in 15.075 are geared toward business areas/situations, whereas 18.650 is even more theoretical than 18.600. 15.075 also has an advantage in fulfilling the Institute LAB requirement. 14.32 is the option for students who have taken 14.30 to fulfill their probability requirement. 14.32 also fulfills the Institute LAB requirement.

[\* for 15/18 double majors, Course 18 will accept petitions to count either 15.0791 or 15.075 towards the Course 18 requirements, but not both]

**15-2 Restricted Electives:** Restricted Electives cover a wide range encompassing data analysis, modeling, decision making, and communicating. Some restricted electives can also be double counted towards other majors/minors or HASS requirement. The Undergraduate Office and your advisor are good resources for planning your restricted electives depending on your professional and skill acquisition goals.

**Course 15 subjects with a '1' in the fourth decimal place (ex. 15.034/15.0341):** The subject number with an extra '1' is the undergraduate number of the graduate subject. They meet together, in that they share the same lecture and deliverables, but the faculty have a different expectation and evaluation criteria for the undergraduates as compared to the graduate students (due mainly to the difference in professional experience that students have to draw upon). The undergraduate course number was added as a way to hold seats specifically for undergraduates. As with all undergraduate Course 15 subjects, there is no bidding necessary.