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 [Sophomore Fall] – **Course 15-2 (Business Analytics)**

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

See following pages for Freshman Spring, Sophomore Spring and Junior Fall

Updated 7/1/18

**Freshman Year - Fall**
18.01
8.01
3.091
HASS

**Sophomore Year - Fall**
6.00 or 6.0001&6.0002[REST]
15.0791 or 18.600 or 6.041A&B or 14.30 [REST]
15.312 [CI-M]
HASS

**Junior Year - Fall**
15.780
BA Restricted Elective
BA Restricted Elective
HASS

**Senior Year - Fall**
BA Restricted Elective
Elective(s)
HASS

**Freshman Year - Spring**
18.02
8.02
7.013
HASS

**Sophomore Year – Spring**
15.053 [REST]
15.075 or 14.32 [LAB]
15.276 [CI-M]
HASS

**Junior Year – Spring**
6.036
BA Restricted Elective
Elective(s)
HASS

**Senior Year – Spring**
BA Restricted Elective
Elective(s)
HASS

**Notes:**

1. **14.30** does not satisfy the prereq for **15.075** or **18.650**. Students who take **14.30** should take **14.32** to fulfill the probability and statistics requirements.

2. **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.

3. Additional electives are needed to accrue the 180 units beyond the GIRs.
Roadmap [Freshman Spring] – Course 15-2 (Business Analytics)  
[subjects that fulfill both Course 15-2 and GIR requirements are in dark blue]  
For Freshmen who have placed out of one of the Science/Math GIRs and have room in their schedule

Freshman Year - Fall  
18.02  
8.01  
3.091  
HASS  

Freshman Year - Spring  
6.00 or 6.0001&6.0002[REST]  
15.053 [REST]  
8.02  
HASS  

Sophomore Year - Fall  
15.0791 or 18.600 or 6.041A&B or 14.30 [REST]\(^1\)  
15.312 [CI-M]  
7.012  
HASS  

Sophomore Year – Spring  
BA Restricted Elective  
15.075 or 14.32 [LAB]\(^2\) or 18.650  
15.276 [CI-M]  
HASS  

Junior Year - Fall  
15.780  
BA Restricted Elective  
BA Restricted Elective  
HASS  

Junior Year – Spring  
6.036  
BA Restricted Elective  
Elective(s)\(^3\)  
HASS  

Senior Year - Fall  
BA Restricted Elective  
Elective(s)\(^3\)  
HASS  

Senior Year – Spring  
Elective(s)\(^3\)  
HASS  

Notes:  
\(^1\)14.30 does not satisfy the prereq for 15.075 or 18.650. Students who take 14.30 should take 14.32 to fulfill the probability and statistics requirements.  
\(^2\)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.  
\(^3\)Additional electives are needed to accrue the 180 units beyond the GIRs.
Roadmap [Sophomore Spring] – **Course 15-2 (Business Analytics)**

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

<table>
<thead>
<tr>
<th>Freshman Year - Fall</th>
<th>Freshman Year - Spring</th>
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<tbody>
<tr>
<td>18.01</td>
<td>18.02</td>
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<td>8.01</td>
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<td>3.091</td>
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<td>HASS</td>
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<thead>
<tr>
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<th>Sophomore Year – Spring</th>
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<tbody>
<tr>
<td>Elective(s)</td>
<td>6.00 or 6.0001 &amp; 6.0002[REST]</td>
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<tr>
<td>Elective(s)</td>
<td>15.053 [REST]</td>
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<td>Elective(s)</td>
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<thead>
<tr>
<th>Junior Year - Fall</th>
<th>Junior Year – Spring</th>
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</thead>
<tbody>
<tr>
<td>15.0791, 18.600 or 6.041A&amp;B or 14.30 [REST] (^1)</td>
<td>15.075 or 14.32 [LAB] (^2) or 18.650</td>
</tr>
<tr>
<td>15.312 [CI-M]</td>
<td>6.036</td>
</tr>
<tr>
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<td>BA Restricted Elective</td>
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<tr>
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<thead>
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<th>Senior Year - Fall</th>
<th>Senior Year – Spring</th>
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<tbody>
<tr>
<td>15.780</td>
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<tr>
<td>BA Restricted Elective</td>
<td>BA Restricted Elective</td>
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<td>Elective(s)</td>
<td>Elective(s)</td>
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<tr>
<td>HASS</td>
<td>HASS</td>
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</tbody>
</table>

*Notes:*

\(^1\) **14.30** does not satisfy the prereq for **15.075** or **18.650**. Students who take **14.30** should take **14.32** to fulfill the probability and statistics requirements.

\(^2\) **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.

\(^3\) Additional electives are needed to accrue the 180 units beyond the GIRs.
Roadmap [Junior Fall] – Course 15-2 (Business Analytics)
[subjects that fulfill both Course 15-2 and GIR requirements are in dark blue]

Freshman Year - Fall
18.01
8.01
3.091
HASS

Sophomore Year - Fall
Elective(s)³
Elective(s)³
Elective(s)³
HASS

Junior Year - Fall
6.00 or 6.0001&6.0002[REST]
15.0791, 18.600 or 6.041A&B or 14.30 [REST]¹
15.312 [CI-M]
HASS

Senior Year - Fall
15.780
BA Restricted Elective
BA Restricted Elective
BA Restricted Elective

Freshman Year - Spring
18.02
8.02
7.013
HASS

Sophomore Year – Spring
Elective(s)³
Elective(s)³
HASS
HASS

Junior Year – Spring
15.053 [REST]
15.075 or 14.32 [LAB]² or 18.650
15.276 [CI-M]
HASS

Senior Year – Spring
6.036
BA Restricted Elective
BA Restricted Elective
HASS

Notes:
¹14.30 does not satisfy the prereq for 15.075 or 18.650. Students who take 14.30 should take 14.32 to fulfill the probability and statistics requirements.
²15.075 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.
³Additional electives are needed to accrue the 180 units beyond the GIRs.
**Course 15 Prerequisites:**

Some programming experience is needed for 15.053. 6.00 or 6.0001 can be taken concurrently. 15.079/18.600/6.041A&B is a prerequisite for 15.0741, 15.075, 15.761/15.7611, and 15.780. 14.30 is a prerequisite for 14.32, 15.0741, 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 14.32 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:** 6.01 (Fall and Spring) OR 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, 15.8141

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

**IAP:** 15.6731

**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. 14.30 is an alternative for Course 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. 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]

**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.