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.

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

Updated for Fall 2016

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

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

**Sophomore Year - Fall**
6.01 or 6.0001&6.0002[REST] \(^1\)  
15.079, 18.600 or 6.041 [REST] \(^1\)  
15.312 [CI-M] \(^2\)  
HASS

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

**Junior Year - Fall**
15.780 \(^3\)  
BA Restricted Elective  
BA Restricted Elective  
HASS

**Junior Year – Spring**
6.036  
BA Restricted Elective  
Additional Elective(s) \(^4\)  
HASS

**Senior Year - Fall**
BA Restricted Elective  
Additional Elective(s) \(^4\)  
HASS

**Senior Year – Spring**
BA Restricted Elective  
Additional Elective(s) \(^4\)  
HASS

**Notes:**

1. Students can use no more than one subject in their department to fulfill the REST requirement. Since **15.053** is required, students who plan to take **15.079** and 6.01 will need to take a non-Course 15 REST. **15.079** will then count toward the 180 units beyond GIRs.

2. **15.312** is a new course for Fall 2016. It is one of the two courses that satisfies the Communication Requirement in Major.

3. **15.780** is a new course for Fall 2016.

4. Additional electives are needed to accrue the 180 units beyond the GIRs.
**Course 15 Prerequisites:**
15.079/18.600/6.041 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 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 (Fall and Spring, REST)
**Machine Learning:** 6.036 (Spring)
**Optimization (REST):** 15.053 (Spring)
**Organizational Behavior (CI-M):** 15.312 (Fall)
**Probability (REST):** 15.079 (Fall) OR 6.041 (Fall and Spring) OR 18.600 (Fall and Spring)
**Statistics (LAB):** 15.075 (Spring)
**Stochastic Models:** 15.780 (Fall)

**Semester Offered – BA Restricted Electives in Course 15**

**Fall Only:** 15.034/15.0341, 15.062/15.0621, 15.073J, 15.565, 15.570
**Spring Only:** 15.0251, 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

**Choosing Between Alternative Versions of Subjects**

**Computer Programming:** For students double majoring with Course 6 or wanting to take more advanced courses in Course 6, 6.01 should be taken. 6.0001+6.0002 and the Probability course is sufficient as an alternative prerequisite for 6.036, Machine Learning for those students not doubling with Course 6.

**Probability:** The majority of Course 15 students take 18.600 rather than 6.041. 15.079 is a new (as of Fall 2015) Course 15 class that should become a more popular option as it involves how to apply probability in different business areas/situations. Currently. 18.600 and 6.041 are equivalents but 15.079 is not yet an equivalent, so double majors* may want to keep this in mind as 15.079 may not satisfy the probability requirement in other majors. Hopefully, this will soon change. [* for 15/18 double majors, Course 18 will accept petitions to count either 15.079 or 15.075 towards the Course 18 requirements, but not both]

**Course 15 subjects with an extra '1' at the end (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.