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. We are scheduling ninjas.

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 2/1/17

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 **6.00** or **6.0001&6.0002[REST]**[1]
15.0791, 18.600 or **6.041A&B** or **14.30 [REST]**[1 2]

15.312 [CI-M]
HASS

Sophomore Year – Spring
15.053 [REST]
15.075 [LAB][3] or 18.650
(or BA Restricted Elective)[2]
15.276 [CI-M]
HASS

Junior Year - Fall
15.780
BA Restricted Elective (or 14.32)[2]
BA Restricted Elective
HASS

Junior Year – Spring
6.036
BA Restricted Elective
Elective(s)[4]
HASS

Senior Year - Fall
BA Restricted Elective
Elective(s)[4]
HASS

Senior Year – Spring
BA Restricted Elective
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 **15.0791** and 6.01 will need to take a non-Course 15 REST. **15.0791** will then count toward the 180 units beyond GIRs.

[2]**14.30** does not satisfy the prereq for **15.075** or 18.650. Students who take **14.30** should plan to take 14.32 to fulfill the probability/statistics requirement. Please remember that 14.30 and 14.32 are Fall only.

[3]**15.075** satisfies 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.

[4]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
15.053 [REST]
8.02
7.013
HASS

Sophomore Year - Fall
6.01 or **6.00** or **6.0001&6.0002[REST]**[1]
15.0791, 18.600 or **6.041A&B** or **14.30 [REST]**[1 2]

15.312 [CI-M]
HASS

Sophomore Year – Spring
BA Restricted Elective
15.075 [LAB][3] or 18.650
(or BA Restricted Elective)[2]
15.276 [CI-M]
HASS

Junior Year - Fall
15.780
BA Restricted Elective (or 14.32)[2]
BA Restricted Elective
HASS

Junior Year – Spring
6.036
BA Restricted Elective
Elective(s)[4]
HASS

Senior Year - Fall
BA Restricted Elective
Elective(s)[4]
HASS

Senior Year – Spring
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 **15.0791** and 6.01 will need to take a non-Course 15 REST. **15.0791** will then count toward the 180 units beyond GIRs.

[2]**14.30** does not satisfy the prereq for **15.075** or 18.650. Students who take **14.30** should plan to take 14.32 to fulfill the probability/statistics requirement. Please remember that 14.30 and 14.32 are Fall only.

[3]**15.075** satisfies 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.

[4]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]**

Freshman Year - Fall
18.01
8.01
3.091
HASS

Freshman Year - Spring
18.02
8.02
7.013
HASS

Sophomore Year - Fall
Elective(s)[4]
Elective(s)[4]
Elective(s)[4]
HASS

Sophomore Year – Spring
6.01 or **6.00** or **6.0001&6.0002[REST]**[1]
15.053 [REST]
15.276 [CI-M]
HASS

Junior Year - Fall
15.0791, 18.600 or **6.041A&B** or **14.30 [REST]**[1 2]

15.312 [CI-M]
BA Restricted Elective
HASS

Junior Year – Spring
15.075 [LAB][3] or 18.650
(or BA Restricted Elective)[2]
6.036
BA Restricted Elective
HASS

Senior Year - Fall
15.780
BA Restricted Elective (or 14.32)[2]
Elective(s)[4]
HASS

Senior Year – Spring
BA Restricted Elective
BA Restricted Elective
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 **15.0791** and 6.01 will need to take a non-Course 15 REST. **15.0791** will then count toward the 180 units beyond GIRs.

[2]**14.30** does not satisfy the prereq for **15.075** or 18.650. Students who take **14.30** should plan to take 14.32 to fulfill the probability/statistics requirement. Please remember that 14.30 and 14.32 are Fall only.

[3]**15.075** satisfies 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.

[4] Courses from previous major and/or electives to be applied toward 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

Freshman Year - Spring
18.02
8.02
7.013
HASS

Sophomore Year - Fall
Elective(s)[4]
Elective(s)[4]
Elective(s)[4]
HASS

Sophomore Year – Spring
Elective(s)[4]
Elective(s)[4]
HASS
HASS

Junior Year - Fall
6.01 or **6.00** or **6.0001&6.0002[REST]**[1]
15.0791, 18.600 or **6.041A&B** or **14.30 [REST]**[1 2]

15.312 [CI-M]
HASS

Junior Year – Spring
15.053 [REST]
15.075 [LAB][3] or 18.650
(or BA Restricted Elective)[2]
15.276 [CI-M]
HASS

Senior Year - Fall
15.780
BA Restricted Elective (or 14.32)[2]
BA Restricted Elective
BA Restricted Elective

Senior Year – Spring
6.036
BA Restricted Elective
BA Restricted Elective
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 **15.0791** and 6.01 will need to take a non-Course 15 REST. **15.0791** will then count toward the 180 units beyond GIRs.

[2]**14.30** does not satisfy the prereq for **15.075** or 18.650. Students who take **14.30** should plan to take 14.32 to fulfill the probability/statistics requirement. Please remember that 14.30 and 14.32 are Fall only.

[3]**15.075** satisfies 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.

[4] Courses from previous major and/or electives to be applied toward the 180 units beyond the GIRs.

Course 15 Prerequisites:

15.0791/18.600/6.041A&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 (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)
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 Alternate 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 or 6.00 and the Probability course is sufficient as an alternative prerequisite for 6.036, Machine Learning, for those students not doubling with Course 6. 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 rather than 6.041A&B. 15.0791 involves how to apply probability in different business areas/situations. Currently, 18.600 and 6.041A&B are equivalents but 15.0791 is not yet an equivalent, so double majors* may want to keep this in mind as 15.0791 may not satisfy the probability requirement in other majors. Hopefully, this will soon change. 14.30 is an alternative for Course 14/15 double majors. Students who take 14.30 will have to 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).

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. [* 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 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.