### COMPUTATIONAL DATA SCIENCE

**1st Semester 15 Credits**
- MATH 140* or MATH 140E* (4 Credits)
- FYS (1 Credit)
- GEN ED (3 Credits)
- CMPSC 131*# or CMPSC 121*# (3 Credits)

**2nd Semester 16 Credits**
- MATH 141*# or MATH 140E*# (4 Credits)
- DS 200*# or STAT 200*# (4 Credits)
- MATH 141*# or MATH 140E*# (4 Credits)
- GEN ED (3 Credits)
- DS 220* (3 Credits)

**3rd Semester 17 Credits**
- CAS 100 A/B* (3 Credits)
- CMPSC 221* (3 Credits)
- MATH 220* (2 Credits)
- MATH 230* (4 Credits)
- STAT 184* (2 Credits)

**4th Semester 15 Credits**
- CMPSC 360* (3 Credits)
- GEN ED (3 Credits)
- STAT 380* (3 Credits)
- STAT 414* (3 Credits)
- STAT 415* (3 Credits)

**5th Semester 15 Credits**
- CMPSC 442* or DS 442* (3 Credits)
- CMPSC 465** (3 Credits)
- CMPSC 455** (3 Credits)
- GEN ED (3 Credits)
- GEN ED (3 Credits)

**6th Semester 16.5 Credits**
- DS 410** or CMPSC 410** (3 Credits)
- DS 300* (3 Credits)
- CMPSC 448~* (3 Credits)
- GEN ED (3 Credits)
- DS 440* (3 Credits)

**7th Semester 16.5 Credits**
- DEPARTMENT LIST ELECTIVE (3 Credits)
- OPTION A (See Below)

**8th Semester 16.5 Credits**
- DEPARTMENT LIST ELECTIVE (3 Credits)
- OPTION B (See Below)

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# Course is an Entrance to Major (ETM) requirement
~ Prerequisites also includes one or more ETM course
* Course requires a grade of C or better for the major

- Fall Only Courses
- Spring Only Courses

OPTION A: CMPEN 454, CMPSC 450, or CMPSC 456
OPTION B: CMPSC 431W, EE 456, IST 441, STAT 416, or STAT 440

This is meant to support the current Suggested Academic Plan found at

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