COMPUTATIONAL DATA SCIENCE

1st Semester 15 Credits

MATH 140*# [4 Credits]  
MATH 140E [4 Credits]  
FYS [1 Credit]  
GEN ED [3 Credits]  

2nd Semester 16 Credits

MATH 140*# MATH 140E [4 Credits]  
CAS 100 A/B* [3 Credits]  
ENGL 015* or ENGL 030* or ESL 015* [3 Credits]  
DS 220* [3 Credits]  
IST 210*# [3 Credits]  
MATH 200*# [4 Credits]  

3rd Semester 17 Credits

MATH 141*# MATH 141E [4 Credits]  
MATH 220* [2 Credits]  
MATH 230* [4 Credits]  
STAT 184 [2 Credits]  
STAT 200*# [4 Credits]  

4th Semester 15 Credits

MATH 220* [2 Credits]  
STAT 200*# [4 Credits]  
STAT 380* [3 Credits]  
STAT 414* (See Below) [3 Credits]  

5th Semester 16.5 Credits

MATH 230* [4 Credits]  
STAT 380* [3 Credits]  
STAT 415* [3 Credits]  
OPTION A (See Below)  
OPTION B (See Below)  

6th Semester 16.5 Credits

MATH 230* [4 Credits]  
STAT 380* [3 Credits]  
STAT 415* [3 Credits]  
OPTION A (See Below)  
OPTION B (See Below)  

7th Semester 15 Credits

MATH 230* [4 Credits]  
STAT 380* [3 Credits]  
STAT 415* [3 Credits]  
OPTION A (See Below)  
OPTION B (See Below)  

8th Semester 15 Credits

MATH 230* [4 Credits]  
STAT 380* [3 Credits]  
STAT 415* [3 Credits]  
OPTION A (See Below)  
OPTION B (See Below)  

# 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  

= Prerequisite    = Prerequisite or Concurrent

This is meant to support the current Suggested Academic Plan found at bulletins.psu.edu

OPTION A: CMPEN 454, CMPSC 450, CMPSC 451 or CMPSC 455, or CMPSC 456  
OPTION B: CMPSC 431W, EE 456, IST 441, STAT 416, or STAT 440

Fall Only Courses  
Spring Only Courses

Updated: 5/31/19

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