Curriculum Flow Chart for the Computer Science + ADV

**Semester 1**
- MATH 220 or 221
- ADV 150
- ANTH 103, PSYC 100 or SOC 100

**Semester 2**
- MATH 231
- ADV 281*
- ECON 102

**Semester 3**
- Math 225
- ADV 283
- ECON 103

**Semester 4**
- CS 361
- ADV 284

**Semester 5**
- ADV 390
- BADM 320

**Semester 6**
- ADV 460**
- ADV 483**

**Semesters 7 and 8**
- ADV 461
- ADV 492 (CS 225 Prereq)

*For CS + ADV, students will use MATH 220/221 as the prerequisite for ADV 281 in place of STAT 100

** ADV 460 and ADV 483 have prerequisite of ADV 283 and ADV 284

CS 4 — Technical electives will be chose in consultation with CS advisors.

Follow the College of Media requirements for General Education & Language.

A line from one course to another below it indicates that the first course is a prerequisite for the second.

Some classes are offered only in the Spring or Fall. Plan ahead!
## Curriculum Plan: CS + ADV, who entered Fall 2018 and after

Name: _______________________________________________________________  UIN:  _______________________________  Date:  ________________

### General Education Requirements

- Composition 1
- Advanced Composition
- 3hrs Western Cultures
- 3hrs Non-Western Cultures
- 3hrs US Minority Cultures (FA18 & after)
- 3hrs Humanities and the Arts
- 3hrs Humanities and the Arts
- 3hrs Social and Beh. Science
- 3hrs Social and Beh. Science
- 3hrs Natural Sciences & Technology
- 3hrs Natural Sciences & Technology
- 3rd Level Language

### Computer Science Courses

- CS 100  1hr, Freshman Orientation
- CS 125  4hrs, Intro to Computer Science
- CS 126* 3hrs, Software Design Studio  
  (Prereq CS 125)
- CS 173  3hrs, Discrete Structures  
  (CS 125 and CALC)
- CS 225  4hrs, Data Structures  
  (Prereq CS 125 and CS 173)
- CS 240 3hrs, Intro to Computer Systems  
  (Prereq CS 125 and CS 173; CS 225)
- CS 374  4hrs, Algorithms and Models of Comp  
  (Prereq CS 173 and CS 225)
- CS 421  3hrs, Programming Languages and Compilers  
  (Prereq CS 233 and CS 374)
- CS 4— Tech Elective  3hrs,  
  chosen in consultation with CS advisor
- CS 4— Tech Elective  3hrs,  
  chosen in consultation with CS advisor

*Transfer students entering with CS 225 credit must take CS 242 instead of CS 126.

### Math Courses

- MATH 220  5hrs, CALC or 221 CALC I 4hrs
- MATH 231  3hrs, CALC II
- MATH 225  2hrs, Intro Matrix Theory
- CS 361  3hrs, Probability and Stats for CS

### Foundation Courses:

- ANTH 103, PSYC 100 or SOC 100
- ECON 102
- ECON 103
- BADM 320

### Advertising Core:

- MDIA 100 1hr, COM Orientation
- ADV 150 3hrs, Intro to ADV
- ADV 281 3hrs, ADV Research Methods*
- ADV 283 3hrs, ADV & Brand Strategy*
- ADV 284 3hrs, Consumer Insight*
- ADV 390 3hrs, Content Creation*
- ADV 460 3hrs, Innovation in ADV*
- ADV 483 3hrs, Audience Analysis*
- ADV 461 3hrs, Computational ADV*
- ADV 492 3hrs, Tech & ADV Campaigns*

*Denotes there is a Prereq that must be completed before taking ADV course.

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### Additional Notes

Prerequisites means you should have a successful grade earned before continuing on to the next course.

Some courses are offered fall-only or spring-only. Be sure to plan ahead!

Working ahead in your CS coursework does not guarantee entrance into the next CS course.

- 124 hours required for graduation