## GEN ED REQUIREMENTS

### Composition I and Speech Communication (6-7 hrs):
- RHET 105 & CMN 101 (7 hrs)
- or CMN 111 & CMN 112 (6 hrs)

### Advanced Composition (3-4 hrs):

### Cultures (9 hrs):
- Western: ____________________________
- Non-Western: ____________________________
- U.S. Minority: ____________________________

*Students entering UIUC prior to Summer 2018 take 6 hours:
1 Western course and 1 Non-Western OR U.S. Minority course.

### Foreign Language (Third Level or Above):

### Quantitative Reasoning I:
*See Mathematical Foundations for specific requirement

### Quantitative Reasoning II:
*See Mathematical Foundations for specific requirement

### Natural Sciences and Technology (6-8 hrs):
- CPSC 112 (4 hrs)

### Humanities and the Arts (6 hrs):

### Social and Behavioral Sciences (6 hrs):

### ACES REQUIREMENT (0-2 hrs):
- ACES 101 (2 hrs -- First Time Freshmen, Fall Only)
- ACES 200 (0 hrs -- First Time Transfers, Fall Only)

### MAJOR REQUIREMENTS

#### Computer Science Core (22 hrs):
- CS 100 (1 hr) (recommended for Freshmen -- Fall Only)
- CS 124 (3 hrs) (prereq: 3 years of HS Math or MATH 112)
- CS 128 (3 hrs) (prereq: CS 124)
- CS 173 (3 hrs) (prereq: CS 124, CS 125, or ECE 220; MATH 220 or MATH 221)
- CS 221 (1 hr) (prereq: CS 128; credit or concurrent enrollment in CS 225)
- CS 225 (4 hrs) (prereq: CS 126 or CS 128 or ECE 220; CS 173, MATH 213, MATH 347, MATH 412, or MATH 413)
- CS 374 (4 hrs) (prereq: CS 173 or MATH 213; CS 225)
- CS 421 (3 hrs) (prereq: CS 233 or CS 240; CS 374; MATH 225, MATH 257, MATH 415, MATH 416, or ASRM 406)

#### Computer Science Technical Track (8-11 hrs):
Choose from the following options:
- CS 233 (4 hrs) (prereq: CS 125 or CS 128 and CS 173; credit or concurrent enrollment in CS 225)
- CS 241 (4 hrs) (prereq: CS 225 and CS 233)
  or
- CS 240 (3 hrs) (prereq: CS 225)
  &
- any two 400-level CS courses (except CS 491):
  - CS 400-level: ____________________________
  - CS 400-level: ____________________________

#### Foundational Data Analytics (6-8 hrs):
- CPSC 440 (4 hrs) (prereq: MATH 112 or equivalent)
  And select one of the following:
  - CPSC 441 (2 hrs) (prereq: MATH 112 or equivalent, an introductory statistics course, and junior standing)
  - CPSC 444 (4 hrs) (prereq: CPSC 440 or equivalent, and some familiarity with R)

#### Crop Sciences Electives (6 hrs):
- CPSC/HORT/PLPA 1XX-3XX (except CPSC 241): ____________________________
- CPSC/HORT/PLPA 4XX: ____________________________

UIUC requires 60 hours in residence, 21 hours of which must be at the 300 or 400-level.

GPA Requirement: 2.0

126 total hours are required for graduation, 40 hours of which must be at the 300 or 400-level.

NOTES: