Follow the College of ACES General Education & Language Requirements.

A line from one course to another indicates that the first course is a prerequisite for the second, concurrent enrollment acceptable where there are straight arrows, curved arrows indicate courses can be taken in either order but should not be taken together.

Linear Algebra^: MATH 225, MATH 257 (recommended), MATH 415 or MATH 416

*CS tech must be 400-level CS above CS 403, excluding CS 421 and CS 491.

**See course explorer for course prerequisites: https://courses.illinois.edu/

***Consult CPSC Advisor for recommendations.
### General Education Requirements

- **ACES 101 Contemporary Issues in ACES**
- **Composition & Speech RHET 105 + CMN 101 or CMN 111 + CMN 112**
- **Advanced Composition**
- **3rd Level Language (LOTE)**
- **3hrs Humanities and the Arts**
- **3hrs Social and Behavioral Science**
- **3hrs Natural Sciences & Technology**
- **3hrs Humanities and the Arts**
- **3hrs Social and Behavioral Science**
- **3hrs Natural Sciences & Technology**
- **3hrs Humanities and the Arts**
- **3hrs Social and Behavioral Science**
- **3hrs Natural Sciences & Technology**
- **3hrs Humanities and the Arts**
- **3hrs Social and Behavioral Science**
- **3hrs Natural Sciences & Technology**

### Cultural Studies

- **Western Culture**
- **Non-Western Culture**
- **US Minority Culture**

*Completed with Crop Sciences Core Course

### Math & Stat Courses

- **MATH 220 5hrs, Calc or MATH 221 4hrs, Calc I**
- **MATH 231 3hrs, Calc II**
- **MATH 257 3hrs, Lin Alg w/Comp. Apps (preferred)**
  - MATH 225 2hrs, Into Matrix Theory or MATH 415 3hrs, Appl. Lin Alg or MATH 416 3hrs, Abstract Lin Alg
- **CS 361, Prob. & Stat for CS, 3hrs**

### Computer Science Courses

- **CS 100 1hr, Fresh Orientation (Recommended)**
- **CS 124 3hrs, Intro to Computer Science I**
- **CS 128* 3hrs, Intro to Computer Science II**
- **CS 173** 3hrs, Discrete Structures
- **CS 222* 1hr, Software Design Lab**
- **CS 225** 4hrs, Data Structures

- **CS 240** 3hrs, Intro to Computer Systems
- **CS tech*** 3hrs, 400-level CS Elective

*Has prerequisites and/or co-requisite; See Course Explorer

- **CS 233** 4hrs, Computer Architecture
- **CS 241** 4hrs, Systems Programming

*Has prerequisites and/or co-requisite; See Course Explorer & if you have earned credit for CS 225, see a CS advisor

** Has prerequisites and/or co-requisite; See Course Explorer

**400 level above CS 403, excluding CS 421 and CS 491. These two courses must be distinct from all other courses used to fulfill program requirements or options.

*It is recommended that you work in concert with your assigned academic advisor to ensure you are on track to successfully complete your degree.

### Crop Sciences Core:

- **CPSC 102 2hrs, Foundational Skills in Crop Science**
- **CPSC 112 4hrs, Introduction to Crop Science (NAT)**
- **CPSC 212 4hrs, Introduction to Plan Protection**
- **CPSC 393* 3hrs, Crop Science Intern or CPSC 395* Undergrad Research or Thesis**
- **CPSC 498* 1hr, Crop Science Prof. Dev.**

### Foundational Data Analytics

- **CPSC 440* 4hrs, Applied Statistical Methods I**
- **CPSC 444 4hrs, Intro to Spatial Analytics**

### Crop Science Electives, 6hrs (Consult with CPSC Advisor for options)

- **Crop Science Elective (excluding CS 241)**
- **Crop Science Elective (400-level)**

*Has prerequisites and/or co-requisite; See Course Explorer

### Additional Notes

To meet a course's prerequisites you will need to have earned the listed prerequisite credit or be on path to earn the prerequisite credit before the course begins.

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.

- **126 hours required for graduation**
- **60 hours required for residency**