Follow the College of LAS 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.

*Stat Foundations: CS 361 or ECON 202 recommended. STAT 200 or STAT 212 also accepted.

**Advanced Economics, 12 hrs: See Economics Advisor for Course Selection

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

***CS tech must be 400-level CS above CS 403, excluding CS 421 and CS 491.
Curriculum Plan: Computer Science + ECON Beginning Fall 2021

### General Education Requirements
- Composition I
- Advanced Composition
- 4th Level Language (LOTE)
- 3hrs Humanities and the Arts
- 3hrs Humanities and the Arts
- 3hrs Social Behavioral Science*
- 3hrs Social Behavioral Science*
- 3hrs Natural Sciences & Technology
- 3hrs Natural Sciences & Technology

### Cultural Studies
- Western Culture
- Non-Western Culture
- US Minority Culture

*Completed with Economics Foundation Courses

### 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. or
- MATH 225 2hrs, Intro to Matrix Theory

### STAT Foundations:
- ECON 202, CS 361, STAT 200 or STAT 212

### 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
- CS tech*** 3hrs, 400-level CS Elective
- OR
- CS 233** 4hrs, Computer Architecture
- CS 241** 4hrs, Systems Programming
- CS 374** 4hrs, Algorithms & Models of Comp**
- CS 421** 3hrs, Programming Languages and Compilers**

*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.

### Economics Foundation Courses:
- ECON 102 3hrs, Microeconomic Principles (SBS)
- ECON 103 3hrs, Macroeconomic Principles (SBS)
- ECON 203* 3hrs, Economic Statistics II
- ECON 302* 3hrs, Inter Microeconomic Theory

### Economics Advanced Electives, 12 hours (Consult ECON Advisor for options)
- ECON 4___ 3hrs
- ECON 4___ 3hrs
- ECON 4___ 3hrs
- ECON 4___ 3hrs

*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.

- 120 hours required for graduation
- 60 hours required for residency