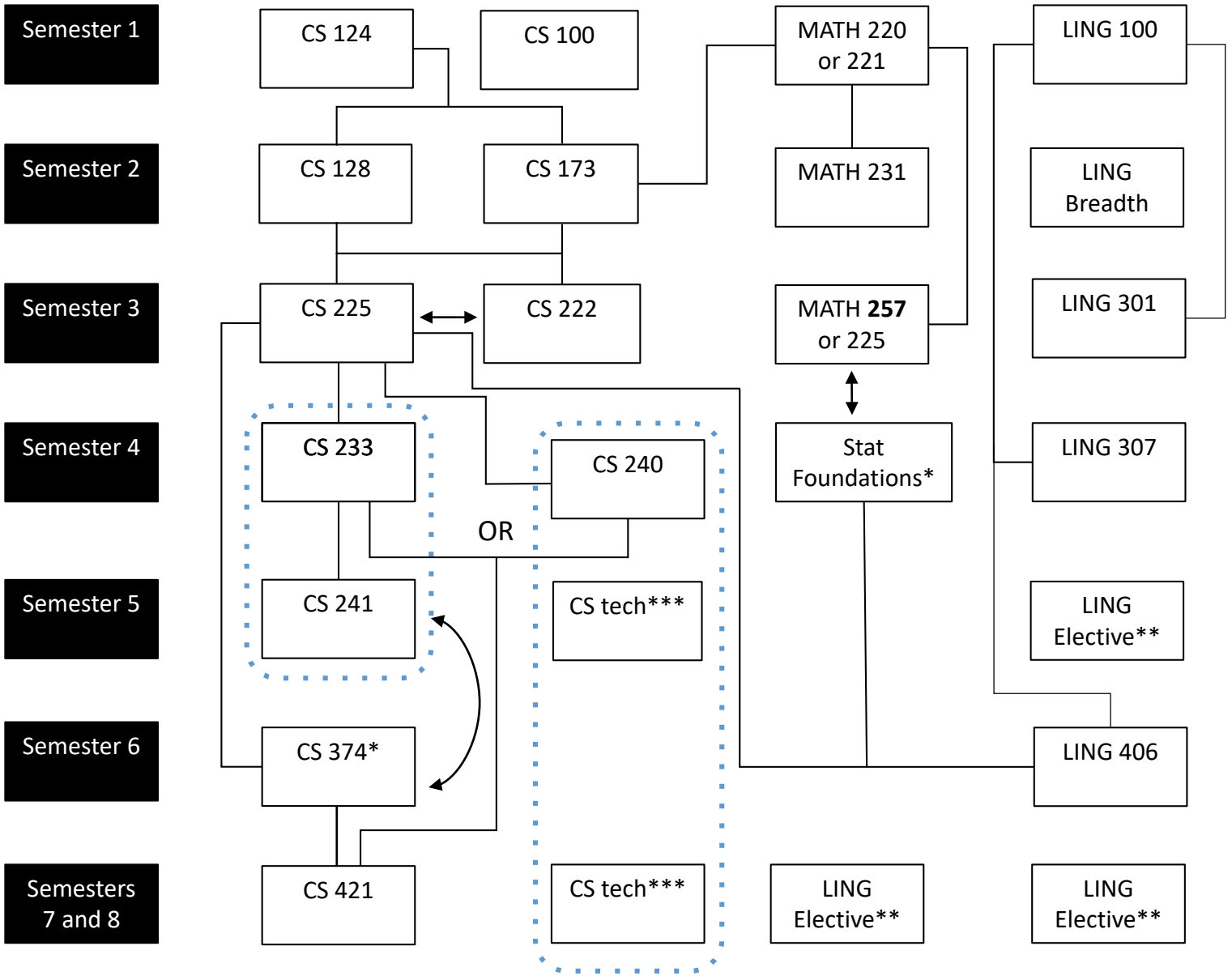
Curriculum Flow Chart for Computer Science + Linguistics



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 (recommended), STAT 200, or STAT 212

****Linguistics Electives, 9hrs:** See Linguistics 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 + LING Beginning Fall 2021

_____ LAS 101/LAS 102 (int. students)

General Education Requirements

_____ Composition I

_____ Advanced Composition*

_____ 4th Level Language (LOTE)

_____ 3hrs Humanities and the Arts

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_____ 3hrs Social Behavioral Science*

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_____ 3hrs Natural Sciences & Technology

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Cultural Studies

_____ Western Culture

_____ Non-Western Culture

_____ US Minority Culture

*Completed with Linguistics 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, Into Matrix Theory

_____ **STAT Foundations:**
CS 361 3hrs, 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**

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OR

_____ CS 233 4hrs, Computer Architecture**

_____ CS 241 4hrs, Systems Programming**

_____ CS 374** 4hrs, Algorithms & Models of Comp

_____ CS 421** 3hrs, Programing 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.

Linguistics Foundation:

_____ LING 100 3hrs, Intro to Language Science (SBS)

_____ LING Breadth, 3hrs**

_____ LING 301* 3hrs, Elements of Syntax (ACP)

_____ LING 307* 3hrs, Elements Semantics & Pragmatics

_____ LING 406* 3hrs, Intro to Computational Ling.

Advanced Coursework, 9hrs**

_____ LING/CS _____ 3/4hrs

_____ LING _____ 3/4hrs

_____ LING _____ 3/4hrs

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

***Consult with LING Advisor for course options and substitutions*

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

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