

Curriculum Flow Chart for Computer Science + Philosophy

Semester 1

Semester 2

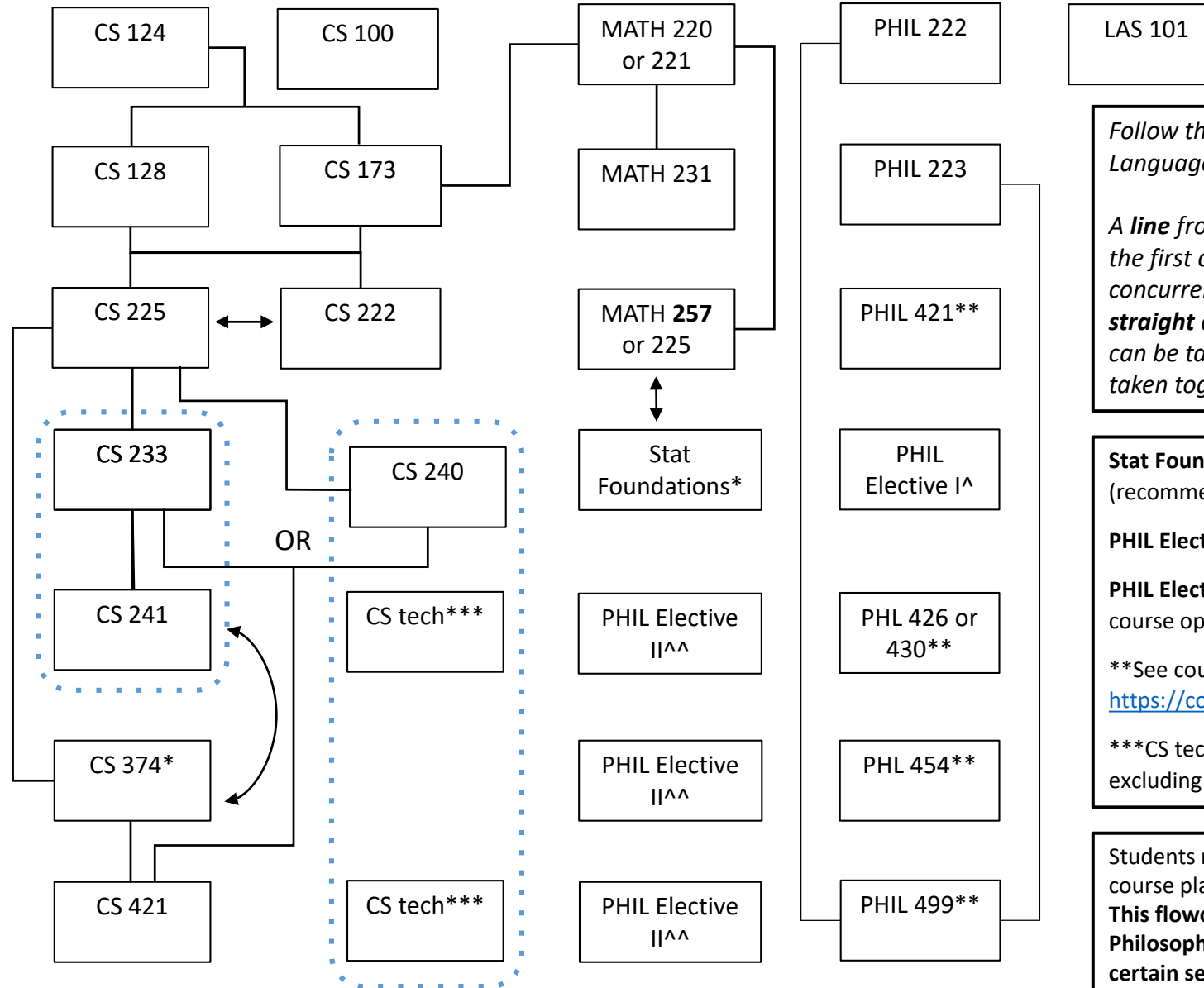
Semester 3

Semester 4

Semester 5

Semester 6

Semesters 7 and 8



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 (choose 1)*: CS 361 (recommended), STAT 200, or STAT 212

PHIL Elective I (choose 1)^: PHIL 425, 438, 439, or 472

PHIL Elective II (choose 3)^: Consult PHIL advisor for course options

**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.

Students must consult with PHIL advisor for PHIL course planning starting 3rd semester.

This flowchart reflects a proposed ordering of Philosophy courses and availability of courses in a certain semester is not guaranteed.

Curriculum Plan: Computer Science + PHIL Beginning Fall 2021

<p>____ LAS 101/LAS 102 (int. students)</p> <p>General Education Requirements</p> <p>____ Composition I</p> <p>____ Advanced Composition</p> <p>____ 4th Level Language (LOTE)</p> <p>____ 3hrs Humanities and the Arts*</p> <p>____ 3hrs Humanities and the Arts*</p> <p>____ 3hrs Social Behavioral Science</p> <p>____ 3hrs Social Behavioral Science</p> <p>____ 3hrs Natural Sciences & Technology</p> <p>____ 3hrs Natural Sciences & Technology</p> <p>Cultural Studies</p> <p>____ Western Culture</p> <p>____ Non-Western Culture</p> <p>____ US Minority Culture</p> <p>*Completed with Philosophy Requirements</p>
<p>Math & Stat Courses</p> <p>____ MATH 220 5hrs, Calc or MATH 221 4hrs, Calc I</p> <p>____ MATH 231 3hrs, Calc II</p> <p>____ MATH 257 3hrs, Lin Alg w/Comp. Apps. or MATH 225 2hrs, Into Matrix Theory</p> <p>____ STAT Foundations: CS 361 3hrs, STAT 200 or STAT 212</p>

<p>Computer Science Courses</p> <p>____ CS 100 1hr, Fresh Orientation (<i>Recommended</i>)</p> <p>____ CS 124 3hrs, Intro to Computer Science I</p> <p>____ CS 128* 3hrs, Intro to Computer Science II</p> <p>____ CS 173** 3hrs, Discrete Structures</p> <p>____ CS 222* 1hr, Software Design Lab</p> <p>____ CS 225** 4hrs, Data Structures</p>
<p>____ CS 240** 3hrs, Intro to Computer Systems</p> <p>____ CS tech*** 3hrs, 400-level CS Elective</p> <p>____ CS tech*** 3hrs, 400-level CS Elective</p> <p style="text-align: center;">OR</p> <p>____ CS 233** 4hrs, Computer Architecture</p> <p>____ CS 241** 4hrs, Systems Programming</p>
<p>____ CS 374** 4hrs, Algorithms & Models of Computation</p> <p>____ CS 421** 3hrs, Programing Languages and Compilers</p>
<p>*Has prerequisites and/or co-requisite; See Course Explorer & if you have earned credit for CS 225, see a CS advisor</p> <p>** Has prerequisites and/or co-requisite; See Course Explorer</p> <p>***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.</p>
<p><i>It is recommended that you work in concert with your assigned academic advisor to ensure you are on track to successfully complete your degree.</i></p>

<p>Philosophy Requirements</p> <p>____ PHIL 222 3hrs, Phil Found of Comp Science (HUM)</p> <p>____ PHIL 223 3hrs, Minds and Machines (HUM)</p> <p>____ PHIL 421* 3hrs, Ethical Theories</p> <p>____ PHIL 426* 3hrs, Metaphysics or PHIL 430* 3hrs, Theory of Knowledge</p> <p>____ PHIL 425* 3hrs, Phil of Mind, PHIL 438* 3hrs, Phil of Language PHIL 439*3hrs, Phil of Mathematics, or PHIL 477*3hrs, Phil of Psychology</p> <p>____ PHIL 454* 3hrs, Advanced Symbolic Logic</p> <p>____ PHIL 499* 3hrs, Capstone Seminar</p> <p>Philosophy Electives: 9hrs (<i>Consult PHIL advisor for options</i>)</p> <p>____ PHIL ____ 3hrs</p> <p>____ PHIL ____ 3hrs</p> <p>____ PHIL ____ 3hrs</p> <p>*Has prerequisites and/or co-requisite; See Course Explorer</p>
<p>Additional Notes</p> <p>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!</p> <p>Working ahead in your CS coursework does not guarantee entrance into the next CS course.</p> <p>____ 120 hours required for graduation</p> <p>____ 60 hours required for residency</p>