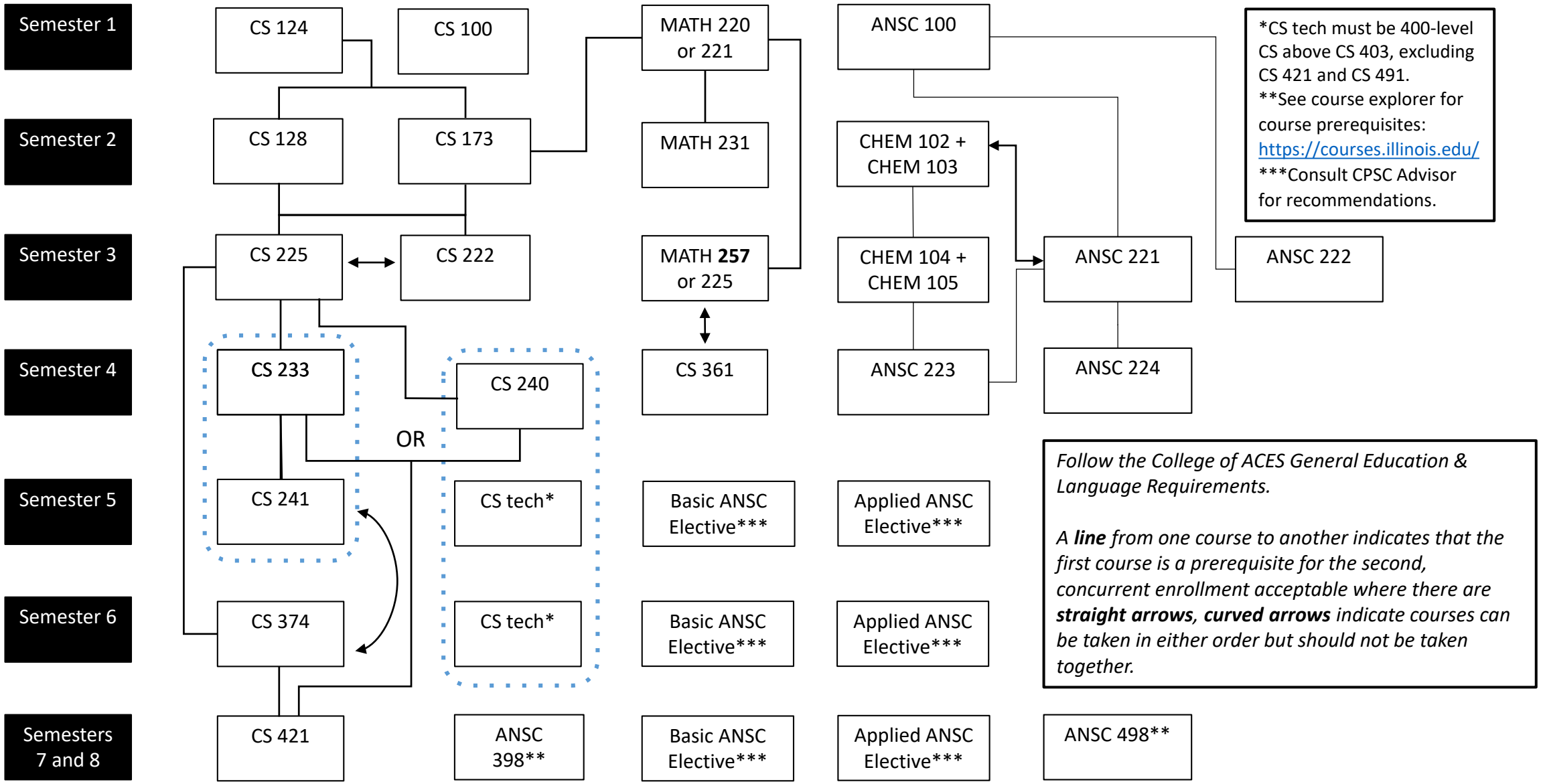
Curriculum Flow Chart for Computer Science + Animal Sciences



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

Curriculum Plan: Computer Science + ANSC Beginning Fall 2021

General Education Requirements

_____ Composition & Speech RHET 105 + CMN 101 or
CMN 111 + CMN 112

_____ Advanced Composition

_____ 3rd Level Language (LOTE)

_____ 3hrs Humanities and the Arts

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_____ 3hrs Social and 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 Animal Sciences Foundation Courses

Math 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

_____ 126 hours required for graduation
_____ 60 hours required for residency

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 361** Probability and Stats for CS

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

_____ CS 357** 3hrs, Numerical Methods

OR

_____ 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
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***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.

Animal Sciences Foundation:

_____ CHEM 102 & CHEM 103 (NAT), 4hrs

_____ CHEM 104 & CHEM 105 (NAT) , 4hrs

_____ ECON 102 or ACE 100 (SBS) , 3hrs

Animal Sciences Core:

_____ ANSC 100 3hr, Intro to ANSC

_____ ANSC 221* 3hrs, Cells, Metabolism, & Genetics

_____ ANSC 222* 3hrs, Anatomy & Physiology

_____ ANSC 223* 3hrs, Animal Nutrition

_____ ANSC 224* 4hrs, Animal Reproduction & Growth

_____ ANSC 398** 1+hrs, Undergrad Experiential Learning

_____ ANSC 498* 2hrs, Interg. Animal Sciences

Applied Animal Sciences 9 hrs**

_____ ANSC _____

_____ ANSC _____

_____ ANSC _____

Basic Animal Sciences 9 hrs **

_____ ANSC _____

_____ ANSC _____

_____ ANSC _____

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

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

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.