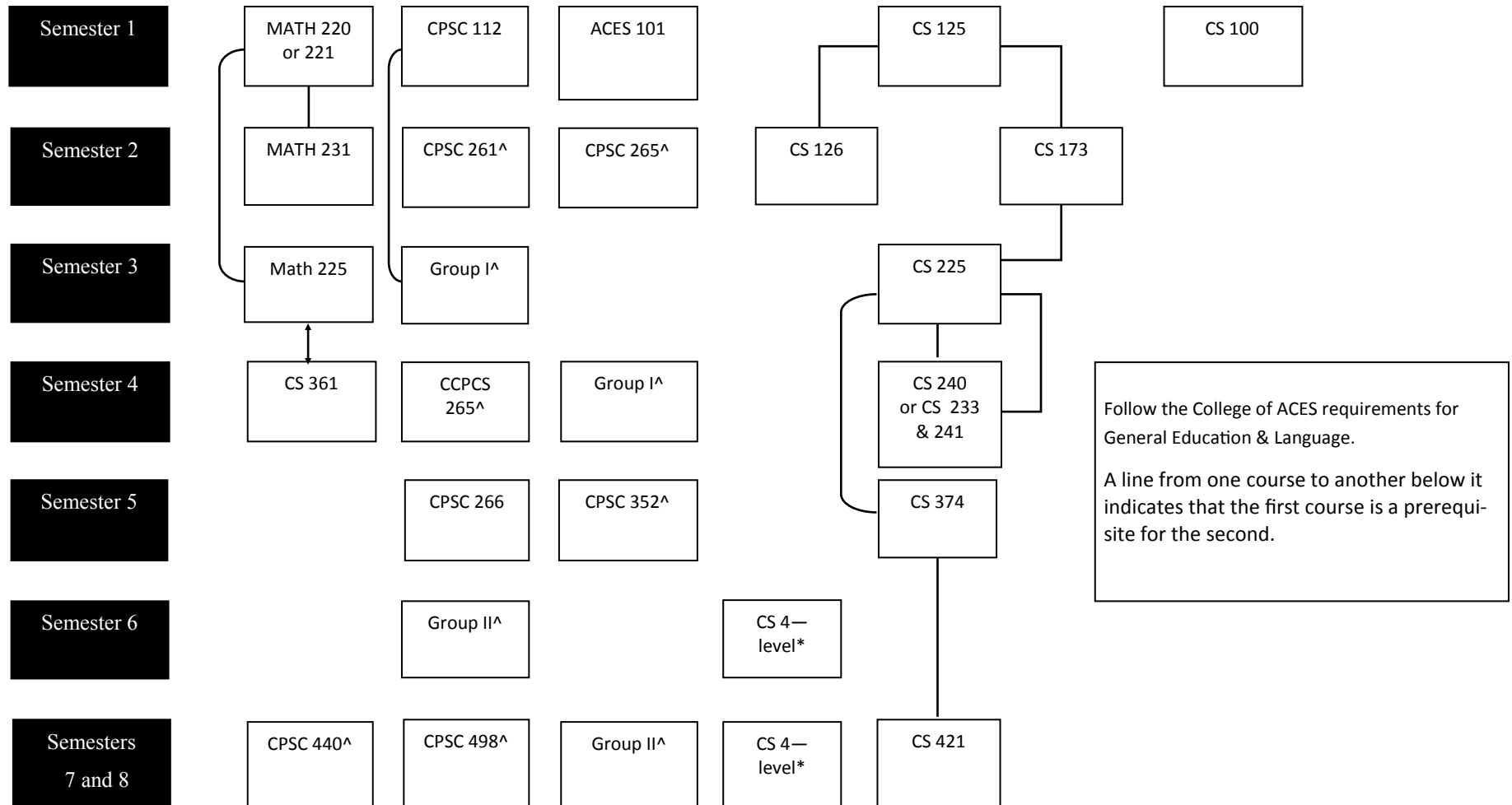


# Curriculum Flow Chart for the Computer Science + Crop Science



Group I select two course from CPSC 226, 270 or PLPA 204

Group II select two course from CPSC 418, 452, 453 or 466

\*6hrs CS 4— level technical electives must be approved courses by the CS department

<sup>^</sup>Denotes that the course has prerequisites, prerequisites can be found in Course Explorer

# Curriculum Plan: CS + Crop Science, who entered Fall 2018 and after

Name: \_\_\_\_\_ UIN: \_\_\_\_\_ Date: \_\_\_\_\_

<p>_____ ACES 101 Freshman, 202 transfer</p> <p><b>General Education Requirements</b></p> <p>_____ Composition 1</p> <p>_____ Advanced Composition</p> <p>_____ 3hrs Western Cultures</p> <p>_____ 3hrs Non-Western Cultures</p> <p>_____ 3hrs US Minority Cultures (FA18 &amp; after)</p> <p>_____ 3hrs Humanities and the Arts</p> <p>_____ 3hrs Humanities and the Arts</p> <p>_____ 3hrs Social and Beh. Science</p> <p>_____ 3hrs Social and Beh. Science</p> <p>_____ 3rd Level Language</p>	<p><b>Computer Science Courses</b></p> <p>_____ CS 100 1hr, Freshman Orientation</p> <p>_____ CS 125 4hrs, Intro to Computer Science</p> <p>_____ CS 126* 3hrs, Software Design Studio (Prereq CS 125)</p> <p>_____ CS 173 3hrs, Discrete Structures (CS 125 and CALC)</p> <p>_____ CS 225 4hrs, Data Structures (Prereq CS 125 and CS 173)</p> <p>_____ CS 240 3hrs, Intro to Computer Systems (Prereq CS 125 and CS 173; CS 225) or</p> <p>_____ CS 233 Computer Architecture 4hrs and CS 241 4hrs, Systems Programming</p> <p>_____ CS 374 4hrs, Algorithms and Models of Comp (Prereq CS 173 and CS 225)</p> <p>_____ CS 421 3hrs, Programing Languages and Compilers (Prereq CS 233 and CS 374)</p> <p>_____ CS 4— level Tech Elective 3hrs**</p> <p>_____ CS 4— level Tech Elective 3hrs**</p> <p>*Transfer students entering with CS 225 credit must take CS 242 instead of CS 126.</p> <p>**CS 4— Tech Elective chosen in consolation with CS advisor.</p>	<p><b>Math Courses</b></p> <p>_____ MATH 220 5hrs, Calculus or</p> <p>_____ MATH 221 4hrs, Calculus I</p> <p>_____ MATH 231 3hrs, CALC II</p> <p>_____ MATH 225 2hrs, Intro Matrix Theory</p> <p>_____ CS 361 3hrs, Probability and Stats for CS</p> <hr/> <p><b>Crop Science Core:</b></p> <p>_____ CPSC 112 4hrs, Introduction to Crop Sciences</p> <p>_____ &amp; _____ 2 of the following:</p> <p>_____ CPSC 226 3hrs, Introduction to Weed Science,</p> <p>_____ CPSC 27 3hrs, Applied Entomology or</p> <p>_____ PLPA 204 3hrs, Introductory Plant Pathology</p> <p>_____ CPSC 261 3hrs, Biotechnology in Agriculture</p> <p>_____ CPSC 265 3hrs, Genetic Engineering Lab</p> <p>_____ CPSC 266 4hrs, Data in Biology and Agriculture</p> <p>_____ CPSC 352 4hrs, Plant Genetics</p> <p>_____ CPSC 440 4hrs, Applied Statistical Methods I</p> <p>_____ &amp; _____ 2 of the following:</p> <p>_____ CPSC 418 3hrs, Crop Growth and Management,</p> <p>_____ CPSC 452 3hrs, Advanced Plant Genetics</p> <p>_____ CPSC 453 4hrs, Principles of Plant Breeding or</p> <p>_____ CPSC 466 2hrs, Genomics for Plant Improvement</p> <p>_____ CPSC 498 1hr, Crop Sci Professional Development</p> <p>_____ <b>126 hours required for graduation</b></p>
<p><b>Additional Notes</b></p> <p>Prerequisites means you should have a successful grade earned before continuing on to the next course.</p> <p>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>		