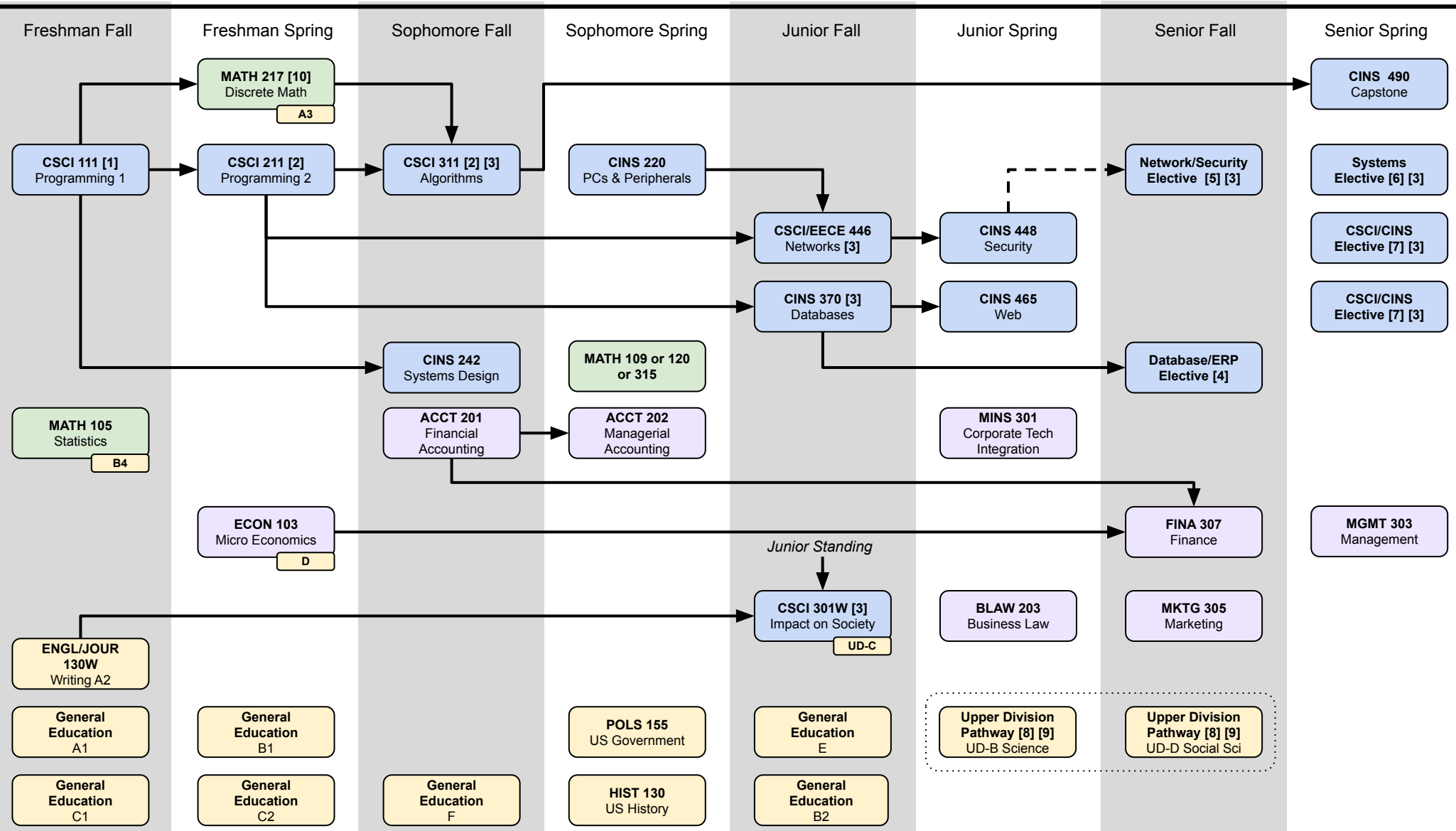


# CINS Flow



[1] CSCI 111 requires calculus readiness (MATH 119, high school equivalent, community college equivalent, or a proctored test score  $\geq 76$  on the ALEKS PPL assessment).

[2] We recommend taking CSCI 111, CSCI 211, and CSCI 311 in consecutive semesters.

[3] You must complete CSCI 111, CSCI 211, MATH 105, and MATH 217 with a C or better before you can take any upper division CSCI and CINS course (courses with numbers  $\geq 300$ ).

[4] Database/ERP Elective: CINS 570, CINS 574, MINS 522.

[5] Network/Security Elective: CSCI 546, CINS 548, EECE 555.

[6] Systems Elective: CSCI 340, CSCI 344, CSCI 444, CSCI 515.

[7] 3-5 units selected from upper-division CSCI or CINS courses. The required number of electives units depends on your total units in the major. Adjust your elective units to make sure you take at least 84 units in the major. A maximum of 3 units maybe taken for credit/no credit grading. Consider CSCI 300, CSCI 389, or CSCI 400 if you need one or two units. Verify each elective's prerequisite courses.

[8] One Upper Division Pathway class (or a minor class if you have a minor) must be a writing intensive class (W) to meet the upper division Graduation Writing Assessment Requirement (GWAR).

[9] Both classes must be from the same GE Pathway.

[10] May be taken concurrently with CSCI 111. Prerequisite is MATH 119 (or equivalent).

GE NOTE: Your GE classes must include 1 Global Culture (GC), 1 United States Diversity (USD), 2 Writing Intensive (W) (1 lower division, 1 upper division) plus ENGL/JOUR 130W and CSCI 301W.

→ Arrows represent prerequisite classes. Must take the class on the left before you take the class on the right. All CSCI and CINS prerequisite must be completed with a C or higher.

- - - - - → Dashed arrows represent potential prerequisite classes.

Small boxes represent a course required for the major that also meets a General Education requirement (the requirement is listed in the box).

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