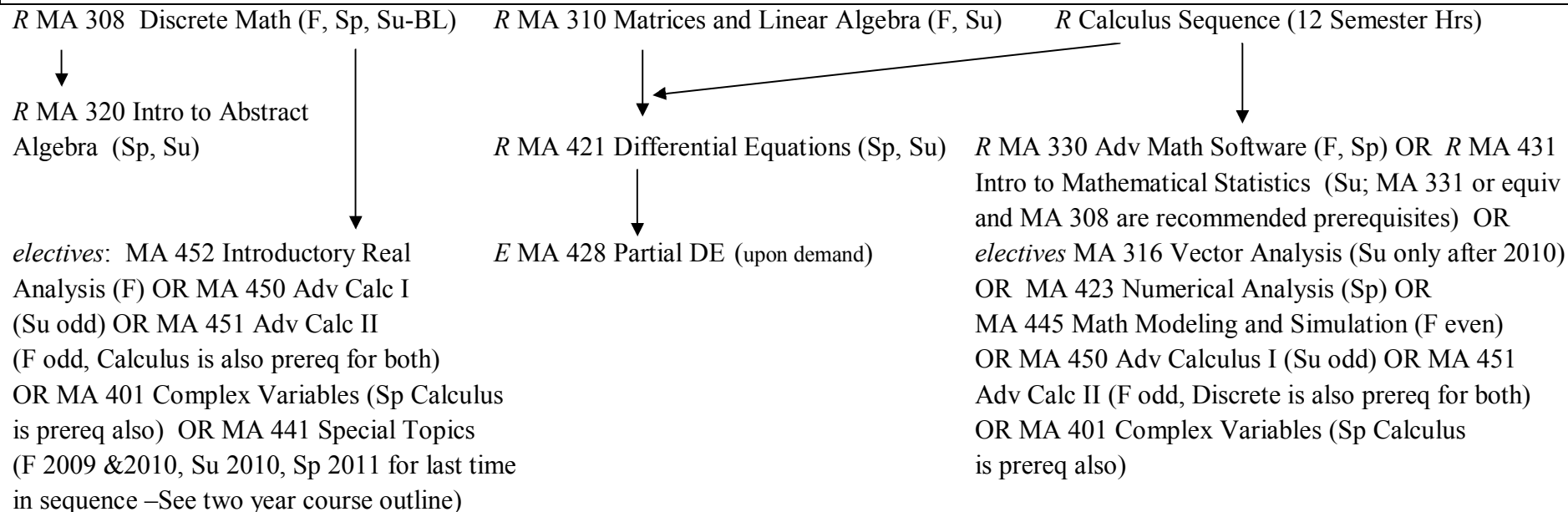


Advising Guide to Mathematics Class/Course Sequence, Track I

R means required for Core Professional courses. Three MA Electives (*E*) are required for the major and are offered as noted.

Prerequisites are listed first and in sequence in the flow diagram. *F*=Fall, *Sp*=Spring, *Su*=Summer

R Calculus Sequence is a PreProfessional requirement so Calc I, II, and III should be completed before entering ASU or taken in conjunction with MA308 and/or MA310



R CS 317 C++ Programming I (if no programming course ever taken, complete CS305 Intro to Programming Logic first as a general elective)

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R CS 318 C++ Programming II

R MA sequence to be either: MA 421 and MA428 OR MA 401 and MA 452 OR MA 450 and MA 451

Course Suggestions for Required Courses Year One:

Fall 1st Semester Suggestion: MA 308 and MA310 and MA 330 or MA 331 (if needed) and CS 305 if needed

Spring 2nd Semester Suggestion: MA 320 and/or MA 330 and/or MA 331 (if needed) and MA 421 and CS 317

Summer 3rd Semester Suggestions: MA 320 and/or MA 421 and MA 431 and/or MA elective

Iff you are on the Alternative B Certification track for teaching, MA 314 College Geometry needs to be taken as a General Elective course.