5.2 Mathematics Major Core Requirements

In addition to the University Common Requirements (UCORE) and the additional College of Arts and Sciences requirements, as a major in mathematics who is choosing one of the Actuarial Science, Applied Mathematics, or Theoretical Mathematics options, you are required to take Math 171, 172 (or 182), 220 (or 230), 273 (or 283), 300, 301, 315, 360 (or 443), 398, 401, 402, 420, 421, the capstone course Math 464, and three additional 3-credit 300-400 level math courses specified by your chosen option, Phys 201, Cpt S 121, and Engl 402 (or 403 for non-native English speakers).

If you choose one of the Secondary Mathematics Teaching options, in addition to University Common Requirements (UCORE) and the additional College of Arts and Sciences requirements, you must take Math 171, 172 (or 182), 216, 220 (or 230), 273 (or 283), 300, 301, 315, 320 (or 421), 330, 360 (or 443), 398, 401, 403, 431, the capstone course Math 432, two additional 3-credit 300-400 level math courses, Phys 201, and Engl 201 (or 301).

To help you stay organized and on track to graduate, we have included Checklists and Schedule Worksheets in Section 11. All course requirements are listed, and a general outline of a schedule is provided.