BYU Mathematics:

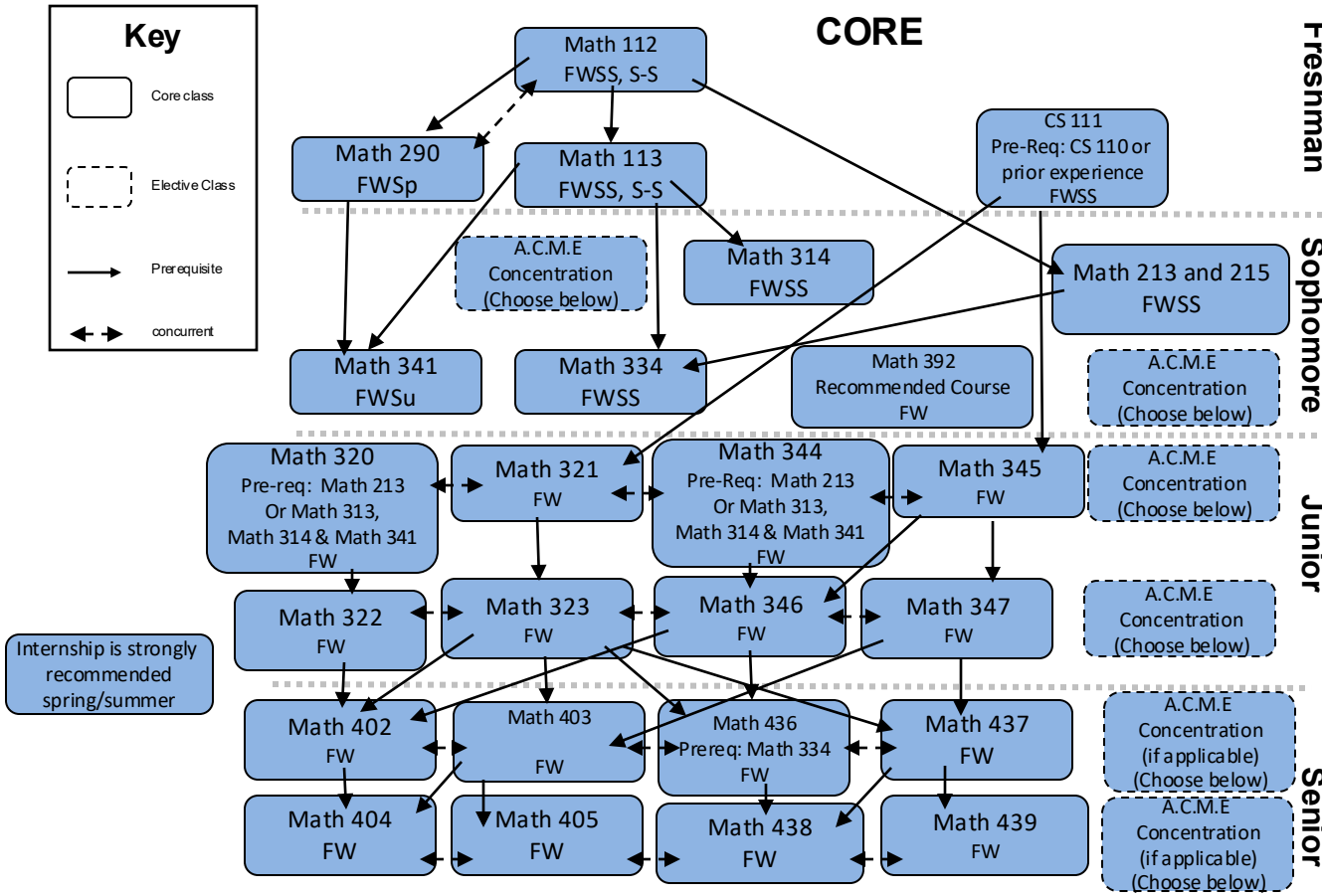
Applied & Computational Mathematics Emphasis

Requirements / Prerequisites

2026-2027 Academic Year

Major (70-76 Hours)

1. Complete the following core requirements: CS 111 or Math 495R (4 credits) as part of EMC2 (https://math.byu.edu/emc2/), Math 112, Math 113, Math 213, Math 215, Math 290, Math 314, Math 334, Math 341.
2. First Semester Core Classes: Math 320, Math 321, Math 344, Math 345
3. Second Semester Core Classes: Math 322, Math 323, Math 346, Math 347.
5. An internship in the spring/summer after your junior year is strongly recommended.
6. Third Semester Core Classes: Math 402, Math 403, Math 436, Math 437.
7. Fourth Semester Core Classes: Math 404, Math 405, Math 438, Math 439.
8. Complete a concentration from list found at https://acme.byu.edu/concentrations-in-acme
9. Complete either the GRE Mathematics Subject Test or the Mathematics Major Field Test.



Complete a Concentration

Be sure to work on your concentration early on to ensure you have time to complete it without extending graduation. The most updated list of concentrations can be found here: https://acme.byu.edu/concentrations-in-acme.

The faculty advisors for ACME are great resources to help you determine which concentration is best for you or whether a customized concentration will better meet your needs. (contact info for setting up an appointment is on the first page of packet).

Note: When Taught is subject to change. Guide only—please consult MyMAP for full requirements.

F=Fall, W=Winter, Sp=Spring, Su=Summer, S-S=Spring-Summer, SS=Spring & Summer.

Updated 05/13/2026