

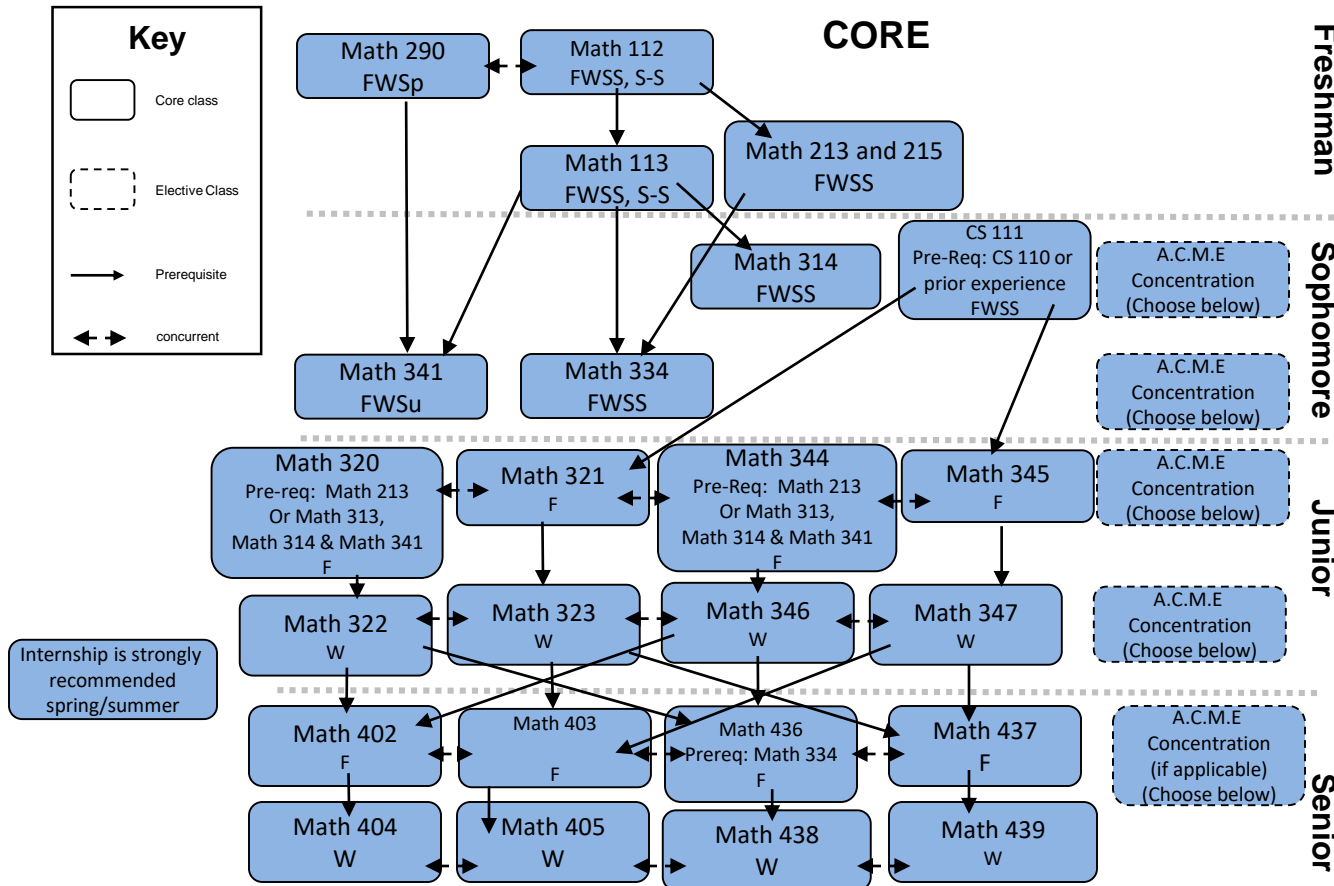
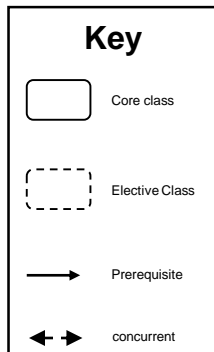
BYU Mathematics:

Applied & Computational Mathematics Emphasis

Requirements / Prerequisites 2022-2023 Academic Year

Major (70-75 Hours)

- 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 290, Math 314, Math 334, Math 341.
- Complete Math 213 and Math 215 (or Math 313).
- Complete the following core courses during fall semester of junior year: Math 320, Math 321, Math 344, Math 345
- Complete the following core courses during winter semester junior year: Math 322, Math 323, Math 346, Math 347.
- An internship in the spring/summer after your junior year is strongly recommended.
- Complete the following core requirements during fall semester of senior year: Math 402, Math 403, Math 436, Math 437.
- Complete the following core classes during winter semester of senior year: Math 404, Math 405, Math 438, Math 439.
- Complete a concentration from list found at <https://acme.byu.edu/concentrations-in-acme>.
- Complete either the GRE Mathematics Subject Test or the Mathematics Major Field Test.



Internship is strongly recommended spring/summer

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>.

Dr. Barker is a great resource to help you determine which concentration is best for you or if a customized concentration will work best for you. (contact info for Dr. Barker is on the first page of packet).