

BYU Mathematics

Requirements / Prerequisites

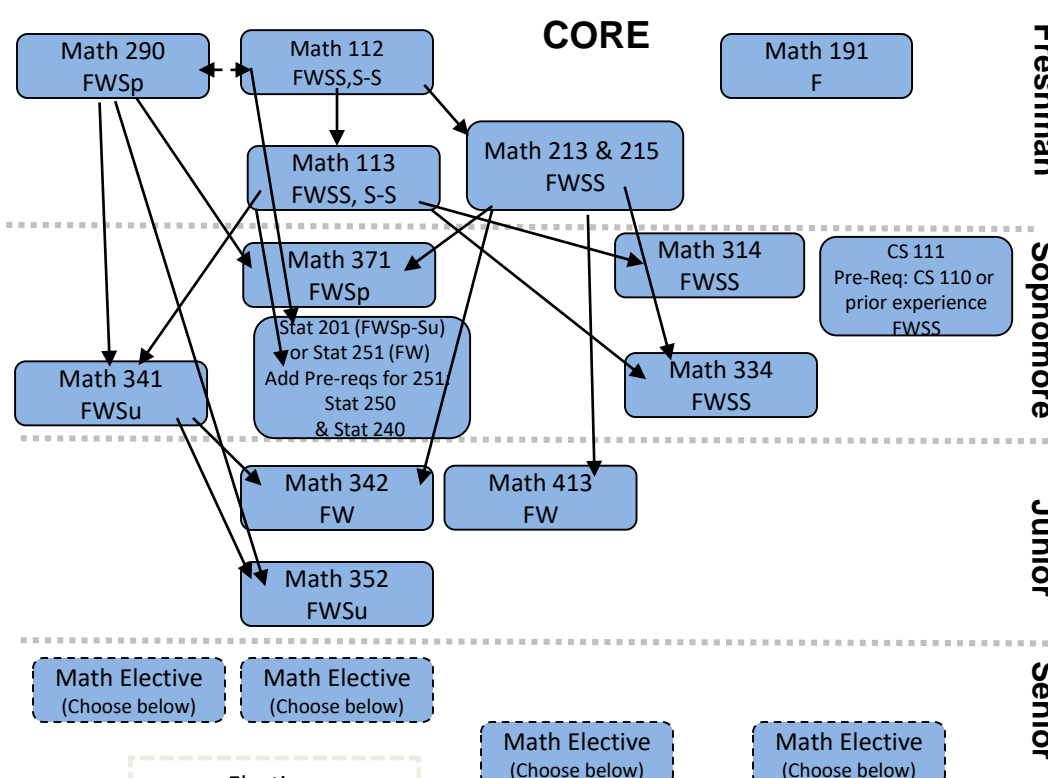
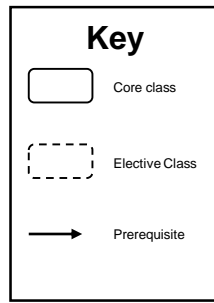
2022-2023 Academic Year

Major (53.5 Hours)

- Grades of C- or below will not be acceptable in major courses.
- Complete the following core requirements: Math 112, Math 113, Math 191, Math 290, Math 314, Math 334, Math 341, Math 342, Math 352, Math 371, Math 413
- Complete Math 213 and 215 (or math 313).
- Complete the following course: CS 111
- Complete one of the following courses: Stat 201 or Stat 251
- Complete up to 12 hours from the following options
CS 235, Math 300, Math 355, Math 362, Math 372, Math 380, Math 402, 403, 404, 405, 406R, 410, 411, 425, 431, 435, 436, 437, 438, 439, 447, 450, 451, 465, 473, 485, 487, 495R, 510, 511, 513R, 521, 522, 525, 532, 534, 536, 540, 541, 547, 553, 554, 561, 562, 565, 570, 571, 572, 586, 587
- Complete either the GRE Mathematics Subject Test or the Mathematics Major Field Test the last semester before graduation.
- Complete an exit interview.
- Students who continue to graduate work should complete Math 372 or Math 473, and Math 541, and math 553.
- Students who do not plan to pursue a PhD in Mathematics are strongly encouraged to complete CS 235.

Minor (20-21 Hours)

- Grades of a C- or below will not be accepted.
- Complete the following courses: Math 112, Math 113, Math 290.
- Complete either math 313 or 213.
- Complete one of the following courses: Math 302 or Math 314.
- Complete 4 credits of the following courses: Math 215, Math 303, Math 334, Math 341, Math 342, Math 352, Math 355, Math 362, Math 371, Math 372, Math 380, or any approved 400 or 500 level minor courses listed in catalog.



Electives (Choose 12 credits)											
CS 235 Pre-req: CS 142 or CS 111 FWSS	Math 402 Pre-Req: Math 322 & Math 346 Concurrent with Math 403 F	Math 410 Pre-Req: Math 314 & CS 111 or 142 Even years	Math 437 Pre-req: Math 323 & Math 347 Concurrent in 436 E	Math 465 Pre-Reqs: Math 314 & Math 341 F, Odd Years	Math 511 Pre-Req: Math 303 or Math 447; Math 410 W	Math 532 Pre-Req: Math 352 W Even, Sp Odd	Math 547 Pre-Req: Math 334, & Math 342 W Odd	Math 565 Pre-Req: Math 342 W, Odd Years			
Math 300 Pre-req: Math 113 FWSp	Math 403 Pre-Req: Math 323 & Math 347 Concurrent enrollment in Math 402 F	Math 411 Pre-Req: Math 334 W odd years	Math 438 Pre-req: Math 436; concurrent with math 439 W	Math 473 Pre-Reqs: Math 371 F	Math 513R Pre-Req: Instructor Consent Contact Department	Math 534 Pre-Req: Math 334 & Math 341 F, Odd Years	Math 553 Pre-Req: Math 341 F	Math 570 Pre-Req: Math 302 or Math 313 or 213 W, Odd Years, Sp, Even			
Math 355 Pre-Req: Math 313 or 213 F	Math 404 Pre-Req: Math 402; Concurrent enrollment in Math 405 W	Math 425 Pre-Req: Math 334 W, Odd years	Math 439 Pre-Reqs: Math 437 Concurrent in 438 W	Math 485 Pre-Req: Math 313 or 213 E	Math 521 Pre-Req: Math 334 F	Math 536 Pre-Req: Math 341 W, Even	Math 554 Pre-Req: Math 553 Or Instructor Consent W, Even Years	Math 571 Pre-Req: Math 372 F			
Math 362 Pre-Req: Math 290 FWSp	Math 405 Pre-req: Math 403; Concurrent enrollment in Math 404 W	Math 431 Pre-Req: Math 313 Or 213 F, Odd years	Math 447 Pre-reqs: Math 303 or Math 314 & Math 334 W, Even Years	Math 487 Pre-Req: Math 371 W	Math 522 Pre-Req: Math 521 W	Math 540 W	Math 561 Pre-Req: Math 571 or Concurrent F, Even Years	Math 572 Pre-Req: Math 571 W			
Math 372 Pre-Reqs: Math 371 W	Math 406R Pre-Req: Instructor Consent—Contact Dept	Math 435 Pre-Req: Math 431 W, Even Years	Math 450 Pre-Req: Math 371 Su	Math 495R Pre-Req: Instructor Consent FWSS	Math 525 Pre-Req: Math 413 or 334 (or concurrent) Winter, Even Yrs.	Math 541 Pre-Req: Math 341; Math 314 or Math 342 F	Math 562 Pre-Req: Math 561 W, Odd Years	Math 586 Pre-Req: Math 372 F, Even Years			
Math 380 Pre-Reqs: Math 112, Math 215, CS 180, and Stat 121 or stat 201 Contact department		Math 436 Pre-Req: Math 322 & Math 334 & Math 346; Concurrent enrollment in Math 437 F	Math 451 Pre-Req: Math 290 W	Math 510 Pre-Req: Math 410 E			Math 587 Pre-Req: Math 352 F, Odd Years				

Guide only—please consult MyMAP for full requirements.

Please Note: When Taught is subject to change.

Updated 08/08/2022