BYU Mathematics

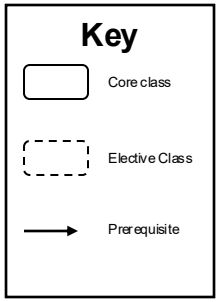
Requirements / Prerequisites
2026-2027 Academic Year

Major (53.5 Hours)

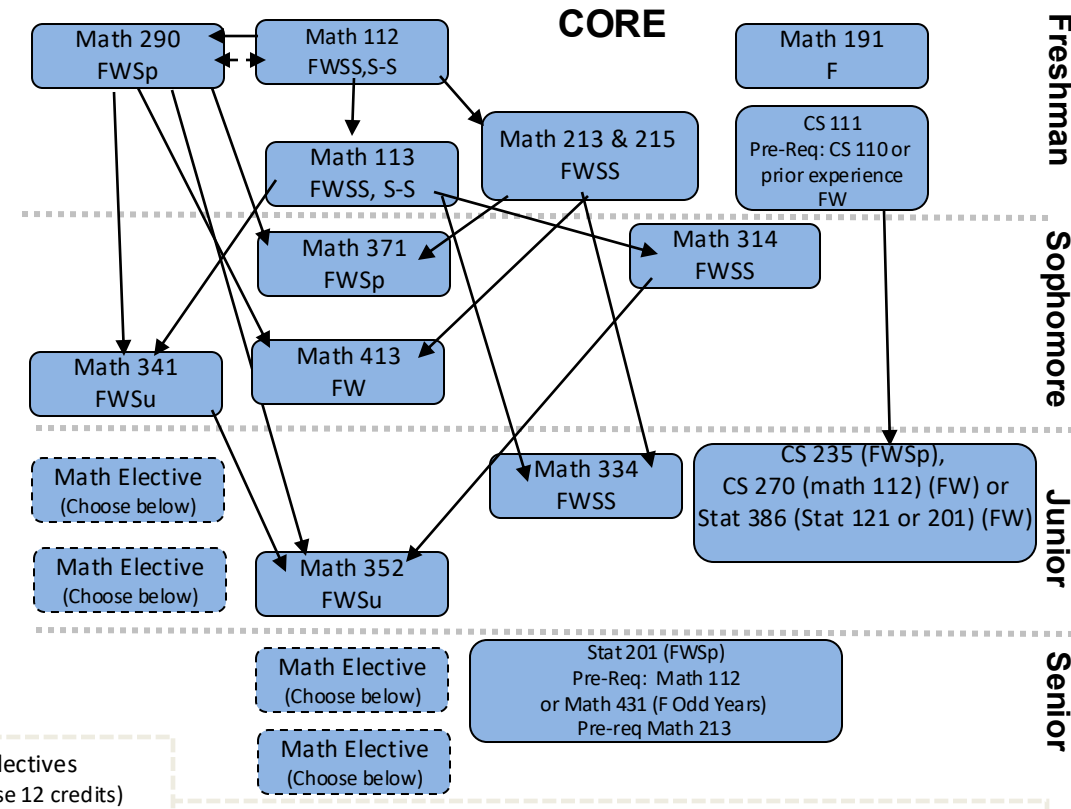
1. Grades of C- or below will not be acceptable in major courses.
2. Complete the following core requirements: CS 111, Math 112, Math 113, Math 191, Math 213, Math 215, Math 290, Math 314, Math 334, Math 341, Math 352, Math 371, Math 413
3. Complete one of the following courses: Stat 201 or Math 431
4. Complete one of the following courses: CS 235, CS 270, Stat 386.
4. Complete12 hours from the following options (no double counting with requirement 2 or 3)
   CS 235, Math 342, Math 350, Math 372, Math 380, Math 402, 403, 404, 405, 406R, 410, 411, 425, 431, 435, 436, 437, 438, 439, 447, 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
7. Complete either the GRE Mathematics Subject Test or the Mathematics Major Field Test the last semester before graduation.
8. Complete an exit interview.
9. Students who plan to pursue a PhD in math are encouraged to complete Math 372 or Math 473, Math 410, Math 541, and math 553.

Minor (20-21 Hours)

1. Grades of a C- or below will not be accepted.
2. Complete the following courses: Math 112, Math 113, Math 290.
3. Complete Math 213.
4. Complete one of the following courses: Math 302 or Math 314.
5. Complete 4 credits of the following courses: Math 215, Math 303, Math 334, Math 341, Math 342, Math 350, Math 352, Math 362, Math 371, Math 372, Math 380, or any approved 400 or 500 level minor courses listed in catalog.



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



Electives
(Choose 12 credits)

CS 235
Pre-req: CS 142 or CS 111
FWSp

Math 342
Pre-Req: Math 213, 314, & Math 341
FW

Math 350
Pre-Req: Math 213 & 290
Contact Dept.

Math 372
Pre-Reqs: Math 371
W

Math 380
Pre-Reqs: Math 112, Math math 213, 215, CS 180, and Stat 121 or stat 201
FW

Math 402
Pre-Req: Math 322, 323, & Math 346
Concurrent with Math 403
FW

Math 403
Pre-Req:Math 323 & Math 347
Concurrent enrollment in Math 402
FW

Math 404
Pre-Req: Math 402 & 403; Concurrent enrollment In Math 405
FW

Math 405
Pre-req: Math 403; Concurrent enrollment In Math 404
FW

Math 406R
Pre-Req: Instructor Consent—Contact Dept

Math 410
Pre-Req: Math 314 & CS 111 or 142
F even years

Math 411
Pre-Req: Math 334
W odd years

Math 425
Pre-Req: Math 334
W Odd years

Math 431
Pre-Req: Math 313 Or 213
F Odd years

Math 435
Pre-Req: Math 431
W Even Years

Math 436
Pre-Req: Math 323 & Math 334 & Math 346; Concurrent enrollment in Math 437
FW

Math 437
Prereq: Math 323 & Math 347
Concurrent in 436
FW

Math 438
Pre-req: Math 436 & 437 concurrent with math 439
FW

Math 439
Pre-Reqs: Math 437
Concurrent in 438
FW

Math 447
Pre-reqs: Math 303 or Math 314 & Math 334
W Even Years

Math 451
Pre-Req: Math 290
W

Math 465
Pre-Reqs: Math 314 & Math 341
F Odd Years

Math 473
Pre-Reqs: Math 371
F

Math 485
Pre-Req: Math 313 or 213
F

Math 487
Pre-Req: Math 371
W

Math 495R
Pre-Req: Instructor Consent
FWSS

Math 510
Pre-Req: Math 410 or equivalent
F Contact Dept.

Math 511
Pre-Req: Math 303 or Math 447; Math 410
W

Math 513R
Pre-Req: Instructor Consent
Contact Department

Math 521
Pre-Req: Math 334
Contact department

Math 522
Pre-Req: Math 213, 215, 314, and CS 111
Contact department

Math 525
Pre-Req: Math 413 or 334 (or concurrent)
Contact department

Math 532
Pre-Req: Math 352
Contact department

Math 534
Pre-Req: Math 334 & Math 341
F Odd Years

Math 536
Pre-Req: Math 341
Contact Dept.

Math 540
W

Math 541
Pre-Req: Math 341; Math 314 or Math 342
F

Math 547
Pre-Req: Math 334, & Math 342
W Odd

Math 553
Pre-Req: Math 341
F

Math 554
Pre-Req: Math 553 Or Instructor Consent
W Even Years

Math 561
Pre-Req: Math 571 or Concurrent
F Even Years

Math 562
Pre-Req: Math 561
Contact Dept.

Math 565
Pre-Req: Math 342
W Odd Years

Math 570
Pre-Req: Math 302 or Math 313 or 213
Contact Dept.

Math 571
Pre-Req: Math 372
F

Math 572
Pre-Req: Math 571
W

Math 586
Pre-Req: Math 372
F Even Years

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 06/15/2026