

# BYU Mathematics

## Requirements / Prerequisites

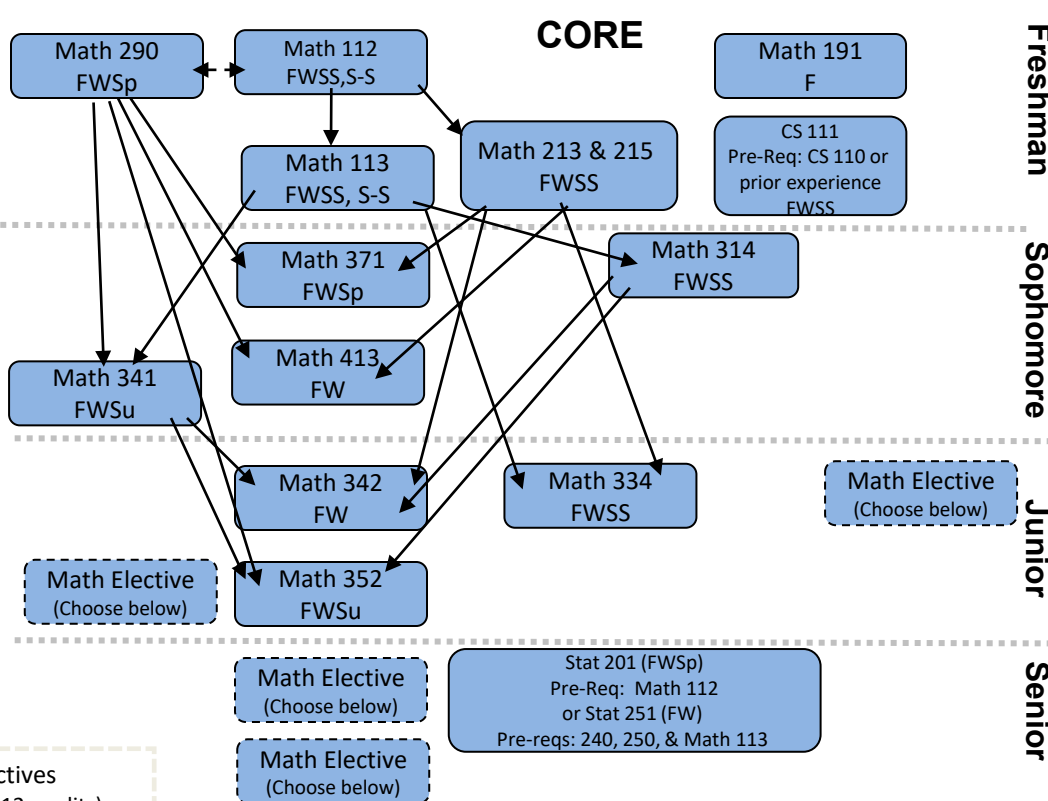
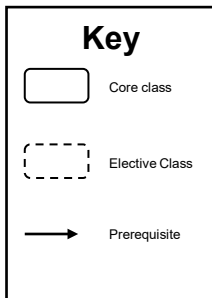
### 2024-2025 Academic Year

#### Major (54.5 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
- 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 350, Math 362, 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
- 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 math 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 350, Math 352, Math 362, Math 371, Math 372, Math 380, or any approved 400 or 500 level minor courses listed in catalog.



#### Electives (Choose 12 credits)

<b>CS 235</b> Pre-req: CS 142 or CS 111 FWSS	<b>Math 402</b> Pre-Req: Math 322, 323, & Math 346 F	<b>Math 410</b> Pre-Req: Math 314 & CS 111 or 142 F Even Years	<b>Math 437</b> Prereq: Math 323 & Math 347 F	<b>Math 465</b> Pre-Reqs: Math 314 & Math 341 E Odd Years	<b>Math 511</b> Pre-Req: Math 303 or Math 447; Math 410 W	<b>Math 532</b> Pre-Req: Math 352 W Even, Sp Odd	<b>Math 547</b> Pre-Req: Math 334, & Math 342 W Odd	<b>Math 565</b> Pre-Req: Math 342 W Odd Years
<b>Math 300</b> Pre-req: Math 113 FWSp	<b>Math 403</b> Pre-Req: Math 323 & Math 347 F	<b>Math 411</b> Pre-Req: Math 334 W odd years	<b>Math 438</b> Pre-req: Math 436 & 437 concurrent with math 439 W	<b>Math 473</b> Pre-Reqs: Math 371 F	<b>Math 513R</b> Pre-Req: Instructor Consent Contact Department	<b>Math 534</b> Pre-Req: Math 334 & Math 341 F Odd Years	<b>Math 553</b> Pre-Req: Math 341 F	<b>Math 570</b> Pre-Req: Math 302 or Math 313 or 213 Contact Dept.
<b>Math 350</b> Pre-Req: Math 213 & 290 Contact Dept.	<b>Math 404</b> Pre-Req: Math 402 & 403 Concurrent enrollment in Math 405 W	<b>Math 425</b> Pre-Req: Math 334 W Odd years	<b>Math 439</b> Pre-Reqs: Math 437 Concurrent in 438 W	<b>Math 485</b> Pre-Req: Math 313 or 213 E	<b>Math 521</b> Pre-Req: Math 334 Contact department	<b>Math 536</b> Pre-Req: Math 341 Contact Dept.	<b>Math 554</b> Pre-Req: Math 553 Or Instructor Consent W Even Years	<b>Math 571</b> Pre-Req: Math 372 F
<b>Math 362</b> Pre-Req: Math 290 FWSp	<b>Math 405</b> Pre-req: Math 403; Concurrent enrollment in Math 404 W	<b>Math 431</b> Pre-Req: Math 313 Or 213 F Odd years	<b>Math 447</b> Pre-reqs: Math 303 or; Math 314 & Math 334 W Even Years	<b>Math 487</b> Pre-Req: Math 371 W	<b>Math 522</b> Pre-Req: Math 521 Contact department	<b>Math 540</b> W	<b>Math 561</b> Pre-Req: Math 571 or Concurrent F Even Years	<b>Math 572</b> Pre-Req: Math 571 W
<b>Math 372</b> Pre-Reqs: Math 371 W	<b>Math 406R</b> Pre-Req: Instructor Consent—Contact Dept.	<b>Math 435</b> Pre-Req: Math 431 W Even Years	<b>Math 451</b> Pre-Req: Math 290 W	<b>Math 495R</b> Pre-Req: Instructor Consent FWSS	<b>Math 525</b> Pre-Req: Math 413 or 334 (or concurrent) Winter Even Yrs.	<b>Math 541</b> Pre-Req: Math 341; Math 314 or Math 342 F	<b>Math 562</b> Pre-Req: Math 561 Contact Dept.	<b>Math 586</b> Pre-Req: Math 372 F Even Years
<b>Math 380</b> Pre-Reqs: Math 112, Math 215, CS 180, and Stat 121 or stat 201 Contact department		<b>Math 436</b> Pre-Req: Math 322 & Math 334 & Math 346 Concurrent enrollment in Math 437 F		<b>Math 510</b> Pre-Req: Math 410 E			<b>Math 587</b> Pre-Req: Math 352 F Odd Years	

Guide only—please consult MyMAP for full requirements.

Please Note: When Taught is subject to change.

Updated 07/10/2024