

# BYU

## Chemistry BA

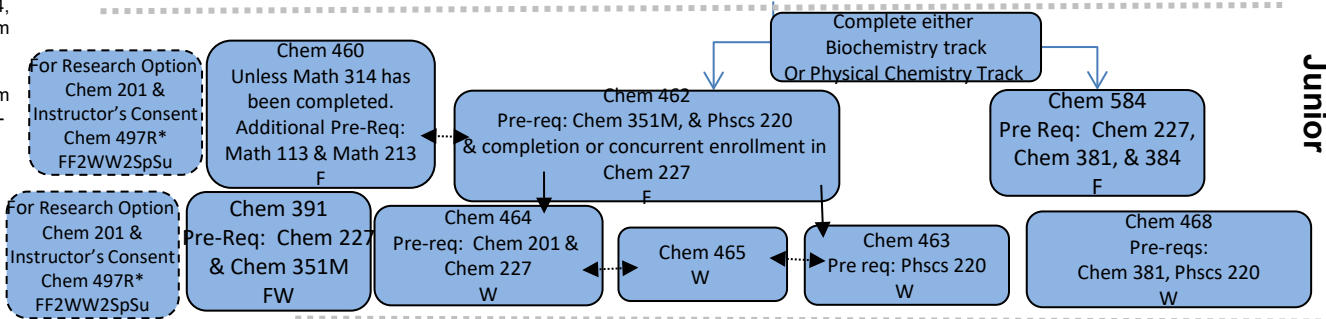
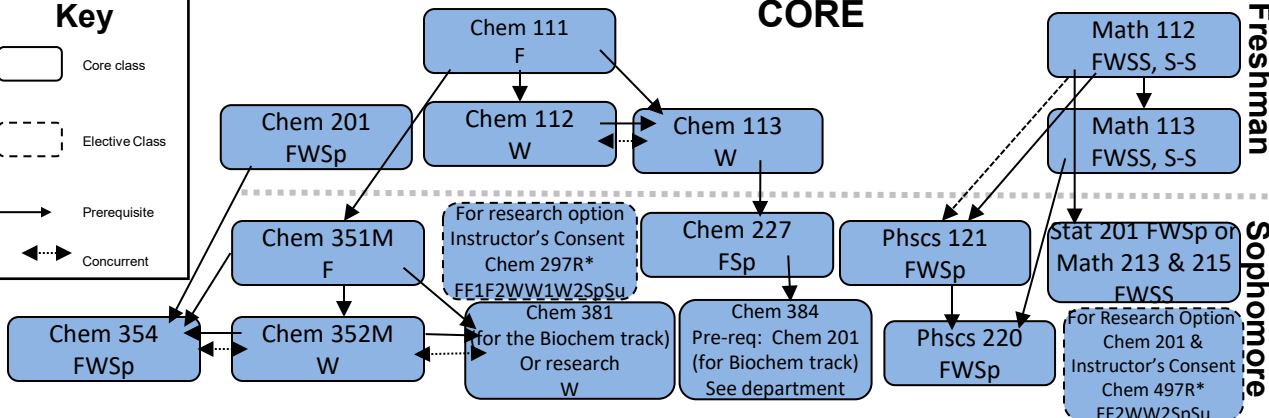
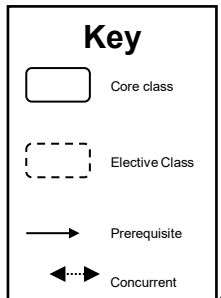
### Requirements / Prerequisites 2025-2026 Academic Year

#### Major (57.5 Hours)

- Complete the following: Chem 111, Chem 112, Chem 113, Chem 201, Chem 227, Chem 351M, Chem 352M, Chem 391, Chem 495.
- Complete the following 14 hours: Chem 354, Chem 381, Chem 384, Chem 468, Chem 584, and complete either Stat 201 or Math 213 & 215. Or complete Chem 354, Chem 460, Chem 462, Chem 463, Chem 464, Chem 465, and Math 213 & 215.
- Complete the following: Math 112, Math 113, Phscs 121, Phscs 220
- After consulting with an advisor, complete 6 hours from the following: Cell 360, Chem 355, Chem 381, Chem 384, Chem 397R, Chem 455, Chem 460, Chem 462, Chem 463, Chem 464, Chem 465, Chem 468, Chem 482, Chem 483, Chem 489, Chem 496R, Chem 498R, Chem 514, Chem 518, Chem 521, Chem 523, Chem 552, Chem 553, Chem 563, Chem 565, Chem 567, Chem 569, Chem 581, Chem 583, Chem 584, Chem 586, Chem 594R, Chem 596R, HONRS 499R, or with approval certain 300-level and above courses in biology, engineering, physics, and statistics.

Note: Elective courses must be different than required courses. Chem 355 cannot be taken if Chem 354 was taken for 2 credits. If 354 is taken for 2 credits, one credit may be used for electives.

\*Enrolling in CHEM 497R and 498R gives students an opportunity to be mentored in a faculty's research lab and receive class credit. Enrollment in 497R can be repeated for several successive semesters, usually followed by 498R. Permission is required from the faculty member. Contact the department office for specific details.



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

After consulting with an advisor, complete 6 hours from the following to fulfill Requirement #4

Requirement #4  
Or research (498R)  
Or open elective

Requirement #4  
Or research (498R)  
Or open elective

Chem 495  
See department  
FW

<b>Cell 360</b> Pre-Req: MMBIO 240 or Chem 381 or 481 FWSp	<b>Chem 397R</b> Pre-req: Chem 111, Chem 112, & Chem 113 When taught: Contact Dept	<b>Chem 463</b> Pre-Req: Chem 462 & Phscs 220 W	<b>Chem 483</b> Pre-Req: Chem 482 W	<b>Chem 518</b> Pre-Req: Chem 514 & Chem 201 or 601 Or concurrent F	<b>Chem 553</b> Pre-Req: Chem 352 (M) W	<b>Chem 569</b> Pre-Req: Chem 462, Chem 467, or Chem 468 E	<b>Chem 594R</b> Pre-Req: None FW	Guide only—please consult MyMAP for full requirements.  Elective courses must be different from required courses.  With approval, certain 300-level and above courses in biology, engineering, physics, and statistics may be taken to satisfy the requirement.  Updated 6/27/2025
<b>Chem 355</b> Pre-Req: Chem 353 FWSS	<b>Chem 455</b> Pre-Req: Chem 354 or Chem 353; Chem 201 F	<b>Chem 464</b> Pre-Req: Chem 462, Chem 201, Chem 227 W	<b>Chem 489</b> Pre-Req: Chem 468 F	<b>Chem 521</b> Pre-Req: Chem 462, Chem 467, or Chem 468 & Phscs 220 F	<b>Chem 563</b> Pre-Req: Chem 462 & Chem 463 Contact Department	<b>Chem 581</b> Pre-Req: Chem 482 E	<b>Chem 596R</b> Pre-Req: None, Contact Department	
<b>Chem 381</b> Pre-Req: Chem 351M W	<b>Chem 460</b> Pre-Req: Math 113, Math 213, Concurrent: Chem 462 F	<b>Chem 465</b> W	<b>Chem 496R</b> Pre-req: Chem 201 & Instructor's consent EWSS	<b>Chem 523</b> Pre-Req: Chem 521 & Chem 201 or 601 W	<b>Chem 565</b> Pre-Req: Chem 462 Or Chem 467 W	<b>Chem 583</b> Pre-Req: Chem 482 W	<b>Honrs 499R</b> FWSS	
<b>Chem 384</b> Pre-Req: Chem 201 & Chem 227 & 381M or concurrent See department	<b>Chem 462</b> Pre-Req: Chem 351 (M), Phscs 220, Chem 227 or concurrent E	<b>Chem 468</b> Pre-Req: Chem 381 Or Chem 481; PHSCS 220 W	<b>Chem 498R*</b> Pre-Req: Chem 201 and Instructor's consent FWSS	<b>Chem 525</b> Pre-Req: Chem 352 (M) & Chem 462 & Chem 463 (or Chem 468) E	<b>Chem 567</b> Pre-Req: Chem 462 & 463 Contact Department Please Note: When Taught is subject to change.	<b>Chem 584</b> Pre-Req: Chem 384, Chem 227, & 381 or Chem 481 F	<b>Chem 586</b> Pre-Req: Chem 584 W	