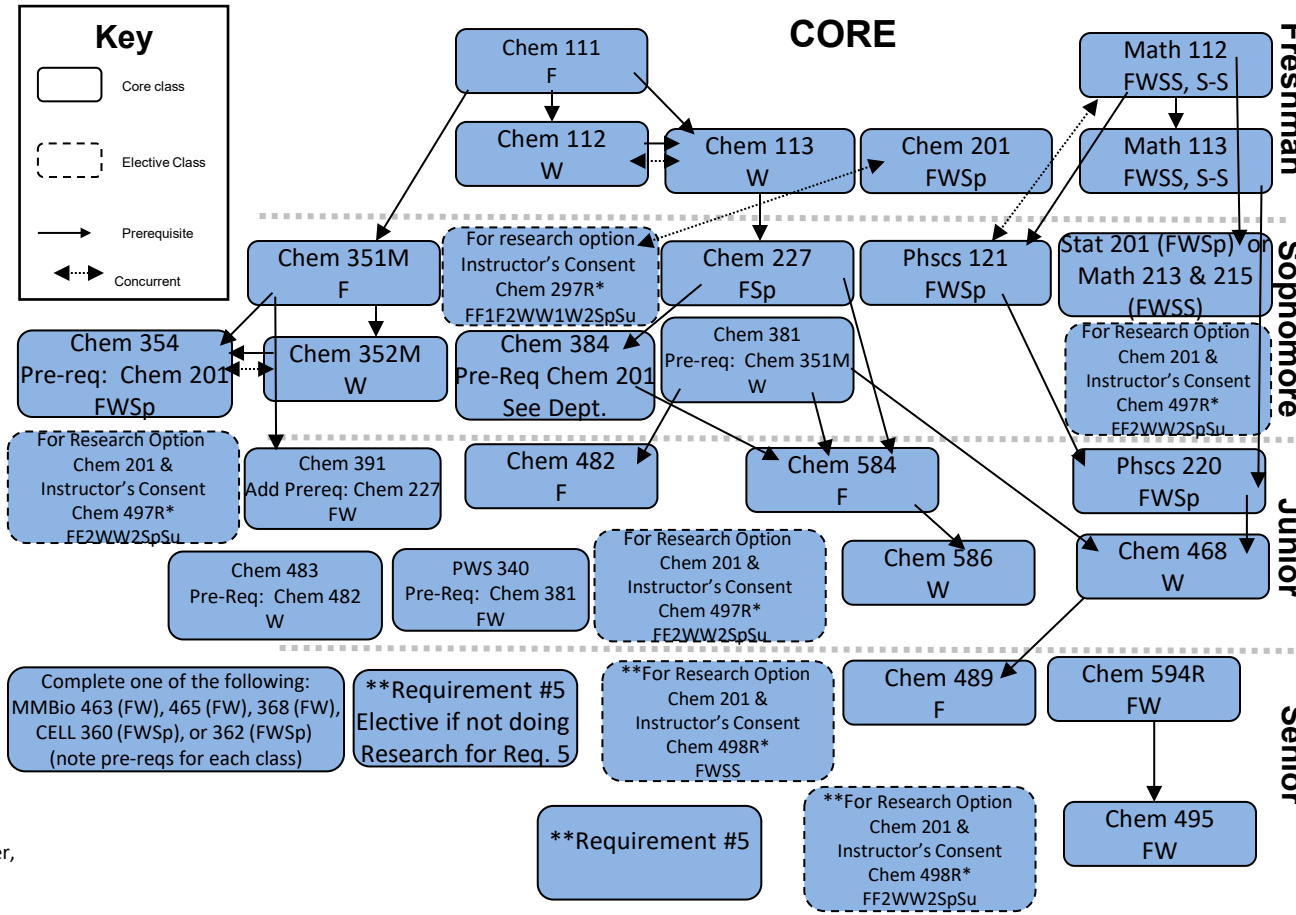
BYU
Biochemistry BS

Requirements / Prerequisites
2025-2026 Academic Year

Major (77 Hours)

1. Complete the following: Chem 111, Chem 112, Chem 113, Chem 201, Chem 227, Chem 351M, Chem 352M, Chem 354, Chem 381, Chem 384, Chem 391, Chem 468, Chem 482, Chem, 483, Chem 489, Chem 495, Chem 584, Chem 586, Chem 594R.
2. Complete the following: Math 112, Math 113, Phscs 121, Phscs 220, PWS 340.
3. Complete either Stat 201 or Math 213 and 215.
4. Complete one course from the following: CELL 360, CELL 362, MMBIO 463, MMBIO 465, MMBIO 368.
5. After consulting with an advisor, complete 7 hours from the following: Biol 130, Cell 120, Chem 355, Chem 397R, Chem 455, Chem 460, 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 596R, Honrs 499R, PHSCS 123.
6. Note: Only one of Bio 130, Cell 120, or phscs 123 may be used towards requirement 5. If Chem 354 was taken for 2 credits, Chem 355 cannot be taken to fill requirement 5.



**After consulting with an advisor, complete 7 hours from the following to fulfill requirement #5

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

Biol 130
Pre-Req: None
FW
Or
CELL 120
Pre-Req: None
FWSp

Chem 355
Pre-Req: Chem 353
FWSS

Chem 455
Pre-Req: Chem 354 Or Chem 353; Chem 201
F

Chem 397R
Pre-req: Chem 111, Chem 112, & Chem 113
When taught: Contact Dept

Chem 460
Pre-Req: Math 113 & 213
Concurrent with Chem 462
F

Chem 496R
Pre-req: Chem 201 & Instructor's consent
FWSS

Chem 498R*
Pre-Req: Chem 201 and Instructor's consent
FWSS
Up to 3 hours

Chem 514
Pre-Req: Chem 462 or Chem 468
F

Chem 518
Pre-Req: Chem 514 & Chem 201 or 601 Or concurrent
F

Chem 521
Pre-Req: Chem 462, or 467, or 468 & Phscs 220
F

Chem 523
Pre-Req: Chem 521 & Chem 201 or 601
W

Chem 552
Pre-Req: Chem 352 (M), Chem 462 & Chem 463 (or 468)
F

Chem 553
Pre-Req: Chem 352 (M)
W

Chem 563
Pre-Req: Chem 462 & Chem 463
Contact Dept.

Chem 565
Pre-Req: Chem 462 Or Chem 467
W

Chem 567
Pre-Req: Chem 462 & 463
W Contact Dept.

Chem 569
Pre-Req: Chem 462 or Chem 468 or 467
F

Chem 581
Pre-Req: Chem 482
F

Chem 583
Pre-Req: Chem 482
W

Chem 596R
Pre-Req: Contact Department and for When Taught

Honrs 499R
FWSS

PHSCS 123
Pre-req: PHSCS 121 & Math 112
FWSp

With approval, many 300-level and above courses in biology, integrative biology, microbiology and molecular biology, and physiology and developmental biology will fill this requirement.

*Enrolling in CHEM 497R and 498R (up to 3 hours) 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. Chem 497R requires instructor consent and Chem 201 as a pre-req. Chem 201 may be taken concurrently.
Permission is required from the faculty member. Contact the department office for specific details.

Updated 06/27/2025
Note: When Taught is subject to change.

Guide only—please consult MyMAP for full requirements.