

Chemistry Education BS

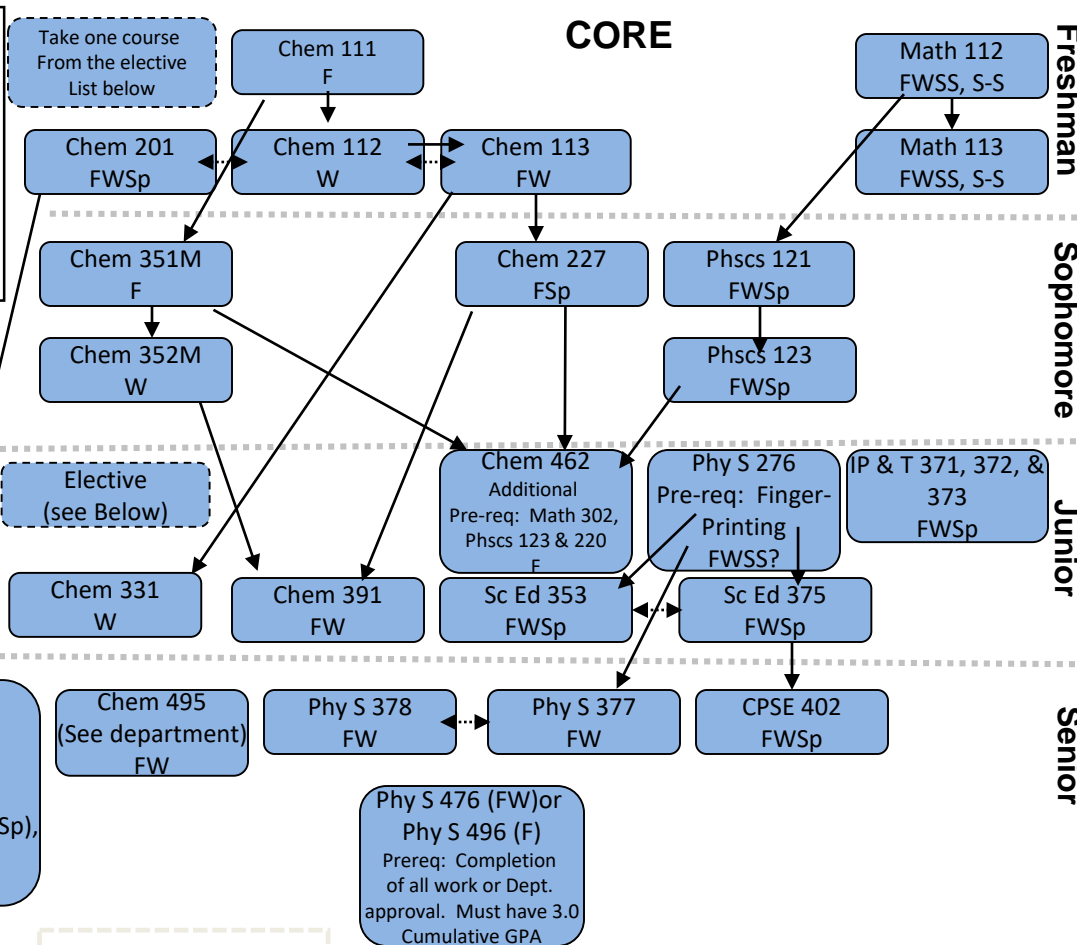
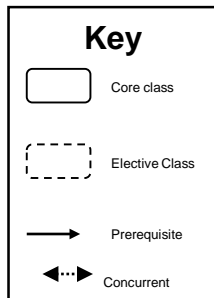
Requirements / Prerequisites
2017-2018 Academic Year

Major (82.5 Hours)

- Grades below C in professional education courses or content courses will not be accepted. Teacher candidates must have a cumulative 3.0 GPA.
- Final 10 hours of chemistry credit must be taken in residence at BYU.
- Complete the following: Chem 111, Chem 112, Chem 113, Chem 201, Chem 227, Chem 331, Chem 351M, Chem 352M, Chem 391, Chem 462, Chem 495.
- Complete the following: Math 112, Math 113, Phscs 121, Phscs 123.
- Complete three hours from the following: Chem 354, Chem 464, Chem 465, Chem 497R.
- Complete 6 hours from the following electives: Biol 100, Chem 463, Chem 481M, Geol 101 or Geol 111, Math 290, Math 302, Math 313, Math 334, Phil 423, Phscs 127, Phscs 137, Phscs 140, Phscs 145, PWS 150.
- Complete the Professional Education Component: CPSE 402, IP&T 371, IP&T 372, IP&T 373, Phy S 276, Phy S 377, Phy S 378, Sc Ed 353, Sc Ed 375. Note: FBI clearance is required for Phy S 276.
- Complete 12 hours from the following: Phy S 476 or Phys 496.

Minor (26.5-28.5 Hours)

- Grades below C in professional education courses or content courses will not be accepted. Teacher candidates must have a 3.0 cumulative GPA.
- Complete one of the following options:
 - Chem 111, Chem 112, Chem 113 or
 - Chem 105, Chem 106, Chem 107.
- Complete one of the following: Chem 201, Chem 351, Chem 352, Chem 353.
- Complete one course of the following: Chem 223, Chem 227, Chem 462, Chem 463, Chem 481.
- Complete the following: Phy S 377
- Complete Sc Ed 477R



Freshman
Sophomore
Junior
Senior

Complete 6 hours of the following Electives

Biol 100
FWSS

Chem 481M
Pre-req: Chem 352(M) & PdBio 120 or Bio 130
F

Math 302
Pre-req: Math 113
FW

Phil 423R
Pre-Req: Phy S 100 & Phil 300
See Department

PHSCS 140
WSp

Chem 463
Pre-req: Chem 462 & PHSCS 220
W

Geol 101 (FWSu)
or Geol 111 (FW)

Math 313
Pre-req: Math 112
FWSS

PHSCS 127
FWSp

PHSCS 145
Pre-Req: PHSCS 140 & PHSCS 121
FSu

Math 290
Pre-req: Math 112
FWSp

Math 334
Pre-Req: Math 113 & Math 313
FWSS

PHSCS 137
Pre-Req: Phy S 100
F

PWS 150
FWSu

With approval, Certain other courses in physics, geology, mathematics, and biology may be taken to satisfy the elective requirements.