BYU Chemistry Education BS
Requirements / Prerequisites
2020-2021 Academic Year

Major (83.5 Hours)

1. Admission into the major or minor requires the following: 1) 2.7 minimum high school/college GPA (be in the average of 3.0 for cohort), 2) fingerprint background check, 3) a cohort average ACT score of 21.25 (17 minimum) in English, average cohort score of 21.25 (17 minimum) in math, and an average cohort writing score of 6.60 (5 minimum) or a SAT average cohort verbal score of 543.33, average cohort math score of 532.5, and an average cohort essay score of 5.30. Anyone who has not taken the writing portion will need to take the Praxis Core Writing test and receive a 165.

2. Grades below C in professional education courses or content courses will not be accepted. Teacher candidates must have a cumulative 2.7 GPA.

3. Final 10 hours of chemistry credit must be taken in residence at BYU.


5. Complete the following: Math 112, Math 113, Phscs 121, Phscs 123.

6. Complete one of the following: Chem 351M or Chem 357.

7. Complete the following: Math 112, Math 113, Phscs 121, Phscs 123.


11. Complete 12 hours from the following: Phy S 476 or Phy S 496.

Please Note: When Taught is subject to change.

Key

- Core class
- Elective class
- Prerequisite
- Concurrent

Take one course
From Requirement #4 (List below)
Take one course
From Requirement #5 (List below)
Take course
From Requirement #4 (List below)
Take one course
From Requirement #5 (List below)

Take FWS 150 or Other course From first box in Requirement 5 (List below)

Take Chem 351M F
Chem 352M or Other req. #4 W
IP&T 371 FWSp
Sc Ed 353 FWSp

Take Chem 352M W
Chem 351 M or Other req. #4 Contact dept.

Take one course
From Requirement #4 (List below)
Take one course
From Requirement #5 (List below)

Take one course
From Requirement #4 (List below)
Take one course
From Requirement #5 (List below)

Chem 331 W
Chem 391 FW

Chem 462 or Other req. #4 Additional Pre-req: Math 213 & 215, PHSCS 220 Take Chem 460 concurrently F

Chem 495 See department FW

Phy S 378 FW

Phy S 476 (FW) or Phy S 496 (F) Prereq: Completion of all work or Dept. approval.

PHY SCIENCE

CORE

Math 112 FWSS, S-S
Math 113 FWSS, S-S

Math 302 Pre-req: Math 113 FW
Math 314 Pre-req: Math 113 FW
Math 334 Pre-req: Math 113 & Math 213 or 313 FW

Phscs 121 FWSp
Phscs 123 FWSp
IP&T 373 FWSp

IP&T 372 FWSp
Phscs 222 FWSp
Phscs 123 & 225 FW

CPSE 402 FWSp

Phy S 377 FW
CPSE 402 FWSp

Phy S 276
Pre-req: Finger-Printing FW

*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.

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