

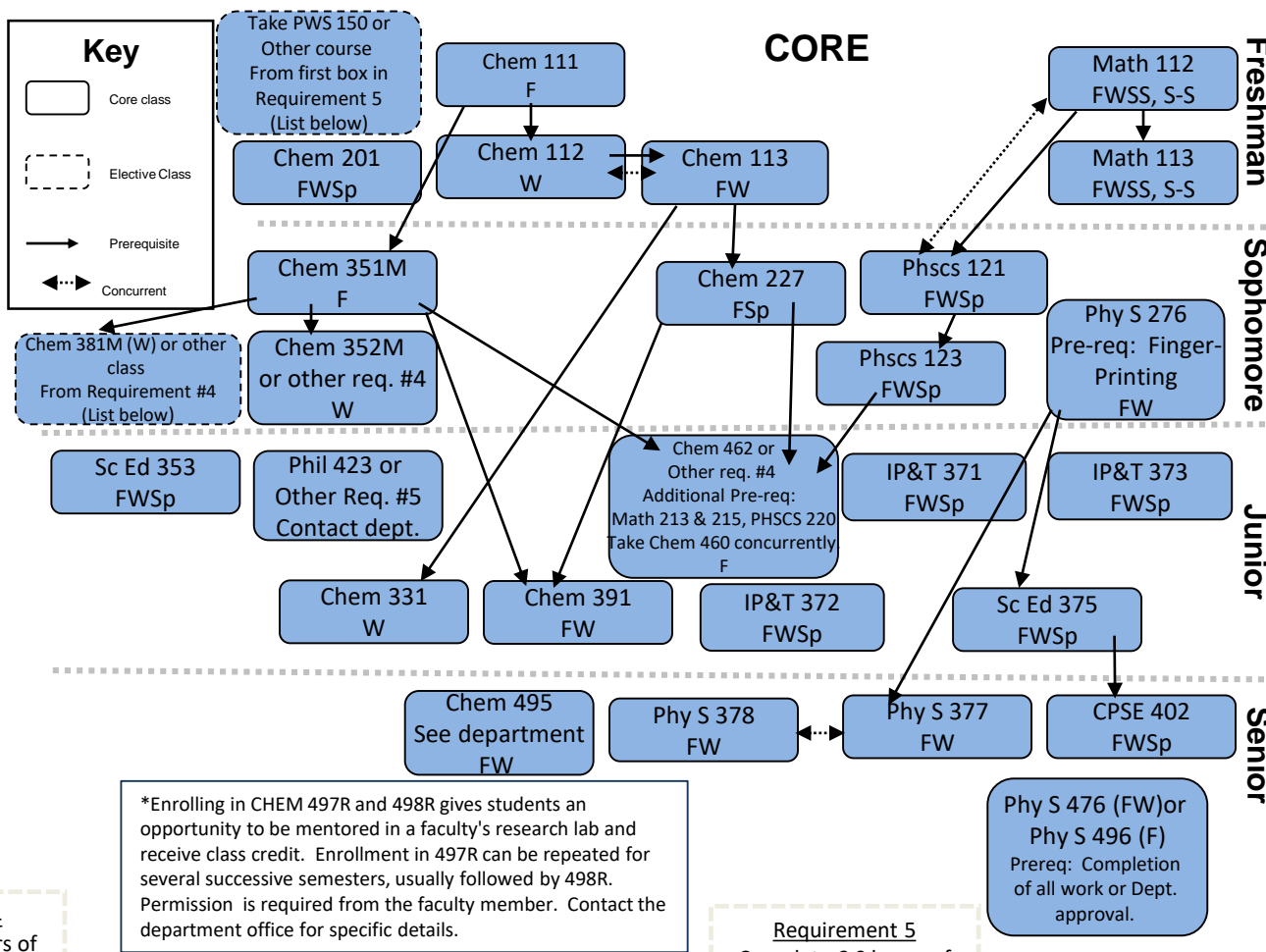
Chemistry Education BS

Requirements / Prerequisites

2022-203 Academic Year

Major (83.5 Hours)

- 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.
- Grades below C in professional education courses or content courses will not be accepted. Teacher candidates must have minimum of a cumulative 2.7 GPA.
- Complete the following: Chem 111, Chem 112, Chem 113, Chem 201, Chem 227, Chem 331, Chem 391, Chem 495.
- Complete one of the following: Chem 351M or Chem 357.
- Complete the following: Math 112, Math 113, Phscs 121, Phscs 123.
- Complete nine hours from the following: Chem 352M, Chem 354, Chem 381M, Chem 384, Chem 397R, Chem 460, Chem 462, Chem 463, Chem 464, Chem 465, Chem 468, Chem 498R, Chem, 514, HONRS 499R.
- Complete 6 hours from the following electives: One of Biol 100, Biol 130, Cell 120, or PWS 150. Complete Geol 101 or Geol 111. Math 213 and Math 215, Math 290, Math 302, Math 314, Math 334, Phil 423R, Phscs 127, Phscs 137, Phscs 220, Phscs 222, Phscs 225, Phscs 240.
- 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.



Requirement 4
Complete 9.0 hours of the following Electives

CHEM 352M Chem 351(M) or 357 W	Chem 397R Pre-req: Chem 111, Chem 112, & Chem 113 When taught: Contact Dept	CHEM 463 Pre-req: Chem 462 & PHSCS 220 W	CHEM 468 Chem 481(M), PHSCS 123 & 220 W
CHEM 354 Chem 351 (M) or 357 Take for 1 or 2 credits FWSp	CHEM 460 Take with 462 F	CHEM 464 Chem 462, 463, 467 or 468 or concurrent W	Chem 498R* Pre-Req: Consent & Chem 201 FWSS
CHEM 381M Chem 351 (M) W	CHEM 462 Chem 351(M), PHSCS 123, Chem 227, PHSCS 220, Math 213 & 215 F	CHEM 465 Chem 462, 463, 467 or 468 or concurrent W	CHEM 514 Chem 462 or 468 F
CHEM 384 Chem 227 W2			Honrs 499R FWSpSu

Requirement 5
Complete 6.0 hours of the following Electives

Biol 100, Biol 130, CELL 120, or PWS 150 FWSS (depending on class)	Math 302 Pre-req: Math 113 FW	Phil 423R Pre-Req: Phy S 100 & Phil 300 See Department	PHSCS 222 PHSCS 121, 123, 220 FW	Any Req. #4 course Not used in Req. #4
Geol 101 (FW) or Geol 111 (F)	Math 314 Pre-Req: Math 113 FWSS	PHSCS 127 FWSp	PHSCS 225 Pre-Req: PHSCS 220 FW	With approval, Certain other courses In physics, geology, mathematics, and biology may be taken to satisfy the elective requirements.
Math 213 & 215 Pre-req: Math 112 FWSS	Math 334 Pre-Req: Math 113 & Math 213 or 313 FWSS	PHSCS 137 Pre-Req: Phy S 100 F	PHSCS 240 Phscs 123 & 225 FW	
Math 290 Pre-req: Math 112 Or concurrent FWSp		PHSCS 220 Math 113 & PHSCS 121 FWSp		

Please Note: When Taught is subject to change.

Guide only—please consult MyMAP for full requirements.

Updated 08/04/2022