

ACS Certified Major
Math Minor
Reference 623 (Chem), 417 (Math)

	CHEM (48)	Math/Support (22.5)	A-I (6)	A-II (3)	A-III (3)	B-I (3)	B-II (6)	C (9)	D-I (6)	D-II (4.5)	E (3)	F (2)	Electives (12)
			ENG 100 (3) ENG 300 (3)	Foreign Lang 2nd sem level	COMM 145/161 (3)	Literature	Humanities	HIST 119/120 (3) Soc/Behav Sci	Science	Mathematics	Culture	Health/Wellness	
Semester	CHEM	Support Courses	A-I	A-II	A-III	B-I	B-II	C	D-I	D-II	E	F	Electives
			ENG 100 (3)					HIST 119/120 (3)		MATH 126 (4.5)		(1)	
1-Fall Freshman 16.5 hrs	CHEM 120 (3) CHEM 121 (2)												
2-Spring Freshman 16.5 hrs	CHEM 222 (3) CHEM 223 (2)	MATH 227 (4.5)			COMM 145 (3)	ENG 200 (3)						(1)	
3-Fall Sophomore 15 hrs	CHEM 330 (5)	PHYS 250 (3) PHYS 251 (1)		(3)									(3)
4-Spring Sophomore 16 hrs	CHEM 340 (3) CHEM 341 (2)	PHYS 270 (3) PHYS 271 (1) MATH 327 (4)					(3)						
5-Fall Junior 16 hrs	CHEM 342 (3) CHEM 343 (2) CHEM 450 (3) ^f CHEM 451 (2) ^s	MATH 331 (3)							(3)				
6-Spring Junior 17 hrs	CHEM 452 (3) ^s CHEM 453 (2) ^s CHEM 398 (1) CHEM 399 (2)	MATH 307 (3)	ENG 300 (3)				(3)						
7-Fall Senior 16 hrs	CHEM 435 (4) ^f CHEM 446 (3)							(3)	(3)				(3)
8-Spring Senior 15 hrs	CHEM 420 (3) ^s							(3)			(3)		(6)
Bold: Specific course required													
Slash / indicates available choices between courses or series courses													
f - Taught only in fall s - Taught only in spring													
PHYS 270 pre-req for CHEM 450 CHEM 452 pre-req for CHEM 435 Thus, PHYS 250/270, CHEM 450/452 sequence will ideally be followed as shown													
ACS Certified-major requires 51 hours Math minor requires 18 hours													