CEDAR CREST COLLEGE

CHEMISTRY (BS)
Recommended Course Sequence
2025-2026 Catalog

FALL 2025

Course	Cr	Title	✓
CHE 111	4	Chemical Principles	
BIO 123	4	Foundations in Biology*	
MAT 141	3	Calculus I	
FYS ____	3	First Year Seminar	
CCC 101	0.5	College Life	

SPRING 2026

Course	Cr	Title	✓
CHE 112	4	Chemical Equilibrium and Analysis	
BIO 124	4	Principles of Cell and Molecular Biology*	
MAT 142	3	Calculus II	
WRI 100	3	College Writing	
CCC 102	0.5	Exploring Your Future	

FALL 2026

Course	Cr	Title	✓
CHE 205	4	Organic Chemistry I	
CHE 230	4	Analytical Chemistry	
PHY 104	4	College Physics I	
_____	3	Ethics selection	

SPRING 2027

Course	Cr	Title	✓
CHE 206	4	Organic Chemistry II	
PHY 105	4	College Physics II	
_____	3	LAC course	
CCC 20X	3	Sophomore Expedition	

FALL 2027

Course	Cr	Title	✓
CHE 300	3	Technical Information	
CHE 307	4	Biochemistry I	
CHE 331	4	Inorganic Chemistry	
_____	3	LAC course	
_____	3	LAC course	

SPRING 2028

Course	Cr	Title	✓
CHE/FSC 302	4	Instrumental Analysis	
CHE 391	2	Research	
_____	2-4	CHE elective**	
_____	3	elective***	
_____	3	LAC course	

FALL 2028

Course	Cr	Title	✓
CHE 335	4	Physical Chemistry I	
CHE 391	2	Research	
_____	3	LAC course	
_____	3	elective***	
_____	3	elective***	

SPRING 2029

Course	Cr	Title	✓
CHE 336	3	Physical Chemistry II****	
CHE 352	1	Chemistry Seminar	
_____	2-4	CHE elective**	
_____	3	LAC course	
_____	3	elective***	
_____	3	elective***	

*BIO 123 and 124 are not required for the BS in Chemistry but are highly recommended.
**Choose 2 courses from CHE 306, 308, 314, 320, 333, 341, 344, FSC 321. CHE 320 and 344 are offered every other Spring and may be taken in the junior or senior year.
***Electives must be included to ensure that the overall total number of credits reaches the 120 credits needed to complete a degree.
****Can be taken Spring of junior year or senior year.

Liberal Arts Curriculum (LAC) and College-Wide Requirements

Natural Science (SCI): 7 cr. total, one must be a lab-based course
1. CHE 111
2. CHE 112

Arts (ART): 6 cr. total, one must be a 3 cr. course
1. _____
2. _____

Mathematics & Logic (ML): 6 cr. total, one must be a MAT course
1. MAT 141
2. MAT 142

Ethics (ETH): 1 course, 3 cr.
1. _____

Technology:
1. CHE 300, 302, 307, 335, 352, and 391

Oral Presentation:
1. CHE 352 and 391

Writing (WRI1, WRI2): 2 courses, 6 cr. total
1. WRI 100
2. CHE 300

Humanities (HUM): 2 courses, 6 cr. total
1. _____
2. _____

Social Science (SS): 2 courses, 6 cr. total
1. _____
2. _____

Global Studies (GS): 1 course, 3 cr.
1. CCC 20X

Information Literacy:
1. CHE 300

Rev. 3/21/2025

*The courses used to fulfill the Arts, Humanities, and Social Science requirements must be in 5 different disciplines.