

CHEMISTRY (BS) Four-Year Graduation Guarantee 2021-2022 Catalog

Cedar Crest College's Four-Year Graduation (4YG) Guarantee is open to all academically qualified candidates enrolled full-time in a 4year bachelor's degree program, with the exception of Nuclear Medicine Technology. It does not apply to dual degree, fifth-year, or graduate programs. Provided students comply with all of the conditions of the program, Cedar Crest College will guarantee graduation within four years. The guarantee extends to one major only. While many students add additional majors and minors and finish within four years, Cedar Crest will not be able to provide four year guarantee in those cases.

Conditions

By signing below, I, ______ am enrolling in the 4YG program for the Chemistry (BS) major under the

- 2021-2022 catalog requirements and I agree to:
 - assume ultimate responsibility for monitoring my academic progress and the completion of all academic requirements;
 - enroll at Cedar Crest for four continuous academic years;
 - remain in good academic standing;
 - complete an average of 30 new credits in each academic year. Note: Courses must be selected in consultation with your academic advisor and 4YG coordinator and must apply to the recommended course sequence on page 2;
 - maintain the GPA requirements of the Chemistry (BS) major and Liberal Arts Curriculum;
 - meet regularly with my assigned academic advisor and 4YG coordinator following the schedule outlined below;
 - resolve all outstanding holds that would prevent registration prior to the start of registration for each semester;
 - register for classes each semester on the date appropriate for class standing as set forth by the Registrar;
 - be responsive to communication from Cedar Crest College, including advisors and the 4YG coordinator;
 - officially declare a Chemistry (BS) major by the completion of 30 credits. *Note: If a change of major is requested after 30 credits, the ability to sign a new 4YG contract is not guaranteed.*
 - complete the following and all other Chemistry (BS) major requirements:
 - Earn a 2.0 GPA in Chemistry courses prior to declaring the Chemistry major.
 - Earn a C or higher in all 100 and 200 level courses taken for major requirements.
 - Earn a 2.0 GPA in all Chemistry, Biology, and cognate courses taken for major requirements. Only two grades of Cin 300 level Chemistry courses can be used to fulfill major requirements.
 - Earn a C-or higher in all cognate courses taken for major requirements.
 - \circ ~ Complete all major courses in the first attempt with the grade required by the major.
 - Abide by all other departmental policies and successfully meet all other graduation requirements.

The 4YG does not guarantee that courses will be offered at a particular time or on particular days, nor can it assure graduation in four years if accreditation agencies require immediate curricular changes. This agreement pertains only to the catalog specified; if major requirements change and the student elects to follow the newer requirements, this contract is void.

If a student meets all of the degree/program requirements but cannot graduate in four years because a course or courses are not available, the student will meet with their advisor as soon as the problem is discovered to discuss options for completion. These options could include a course substitution, an independent study, or permission to enroll in the course in a subsequent semester at no tuition cost to the student.

Semester 1 Semester 2 Semester 3 Semester 4 Beginning of Advisor Advisor Advisor Advisor 4YG Coordinator 4YG Coordinator 4YG Coordinator 4YG Coordinator Semester Prior to registration Advisor Advisor Advisor Advisor 4YG Coordinator 4YG Coordinator 4YG Coordinator 4YG Coordinator Semester 5 Semester 6 Semester 7 Semester 8 Beginning of Advisor Advisor Advisor Advisor 4YG Coordinator 4YG Coordinator 4YG Coordinator 4YG Coordinator Semester Prior to registration Advisor Advisor Advisor Advisor 4YG Coordinator 4YG Coordinator 4YG Coordinator 4YG Coordinator

I agree to the stipulations set forth in this agreement.

Student Signature

Required Meeting Schedule:

Date

ID Number

Entry Term

Advisor Signature

4YG Coordinator Signature



CHEMISTRY (BS) Recommended Course Sequence 2021-2022 Catalog

FALL 2021					SPRING 2022			
Course	Cr	Title	\checkmark	Course	Cr	Title	\checkmark	
CHE 111	4	Chemical Principles		CHE 112	4	Chemical Equilibrium and Analysis		
BIO 123	4	Foundations in Biology*		BIO 124	4	Principles of Cell and Molecular Biology*		
MAT 141	3	Calculus I		MAT 142	3	Calculus II		
FYS	3	First Year Seminar		WRI 100	3	College Writing		
CCC 101	0.5	College Life		CCC 102	0.5	Exploring Your Future		
FALL 202	·	<u> </u>	SPRING 2023					
Course	Cr	Title	\checkmark	Course	Cr	Title	\checkmark	
CHE 205	4	Organic Chemistry I		CHE 206	4	Organic Chemistry II		
CHE 230	4	Analytical Chemistry		PHY 105	4	College Physics II		
PHY 104	4	College Physics I			3	Arts LAC course		
ETL 235	3	Ethical Life		CCC 20X	3	Sophomore Expedition		
FALL 202	23			SPRING 20	24			
Course	Cr	Title	\checkmark	Course	Cr	Title	\checkmark	
CHE 300	3	Technical Information		CHE/FSC 302	4	Instrumental Analysis		
CHE 307	4	Biochemistry I		CHE 391	2	Research		
CHE 331	4	Inorganic Chemistry			2-4	CHE elective**		
	3	Humanities LAC course			3	elective***		
	3	Social Science LAC course			3	Humanities LAC course		
FALL 202				SPRING 2025				
Course	Cr	Title	\checkmark	Course	Cr	Title	\checkmark	
CHE 335	4	Physical Chemistry I		CHE 336	3	Physical Chemistry II****		
CHE 391	2	Research		CHE 352	1	Chemistry Seminar		
	3	Arts LAC course			2-4	CHE elective**		
	3	elective***			3	Social Science LAC course		
	3	elective***			3	elective***		
					3	elective***		

*BIO 123 and 124 are not required for the BS in Chemistrv but are highly recommended. **Choose 2 courses from CHE 306, 308, 314, 320, 333, 341, 344, FSC 321. One course must be at least 3 credits. 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	Writing (WRI1, WRI2): 2 courses, 6 cr. total							
1. CHE 111 2. CHE 112	1. WRI 100 2. CHE 300							
Arts (ART): 6 cr. total, one must be a 3 cr. course	Humanities (HUM): 2 courses, 6 cr. total							
1. 2	1. 2							
Mathematics & Logic (ML): 6 cr. total, one must be a MAT course	Social Science (SS): 2 courses, 6 cr. total							
1. MAT 141 2. MAT 142	1. 2							
Ethics (ETH): 1 course, 3 cr.	Global Studies (GS): 1 course, 3 cr.							
1. ETL 235	1. CCC 201							
Technology:	Information Literacy:							
1. CHE 300, 302, 307, 335, 352, and 391	1. CHE 300							
Oral Presentation:								
1. CHE 352 and 391								