

## CHEMISTRY (BS) Four-Year Graduation Guarantee 2016-2017 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.

## <u>Conditions</u>

By signing below, \_\_\_\_\_\_ is enrolled in the 4YG program for the Chemistry (BS) major under the 2016 catalog requirements and agrees to

- assume ultimate responsibility for monitoring 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. Courses must be selected in consultation with her 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 her 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. 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.
  - o 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.
  - o Earn a C-or higher in all cognate courses taken for major requirements.
  - o Complete all major courses in the first attempt with the grade required by the major.
  - o 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 her 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 Advisor Beginning of 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 Advisor Advisor Beginning of Advisor Advisor Semester 4YG Coordinator 4YG Coordinator 4YG Coordinator 4YG Coordinator 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** 2016-2017 Catalog

FALL 2016				SPRING 2017 Catalog			
Course	Cr	Title	$\checkmark$	Course	Cr	Title	<ul> <li>✓</li> </ul>
CHE 111	4	Chemical Principles		CHE 112	4	Chemical Equilibrium	
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 20	17			SPRING 2	018		
Course	Cr	Title	<ul> <li>✓</li> </ul>	Course	Cr	Title	<ul> <li>✓</li> </ul>
CHE 205	4	Organic Chemistry I		CHE 206	4	Organic Chemistry II	
PHY 101	4	Physics I		PHY 102	4	Physics II	
CHE 230	4	Analytical Chemistry			3	Art LAC course	
	3	Humanities LAC course		ETL 235	3	Ethical Life	
		·	<u> </u>		3	elective***	
FALL 20	18			SPRING 2	019	·	
Course	Cr	Title	$\checkmark$	Course	Cr	Title	✓
CHE 300	3	Technical Information		CHE 302	4	Instrument Analysis	
CHE 307	4	Biochemistry I		CHE 306	3	Advanced Organic Chemistry	
CHE 331	4	Inorganic Chemistry		CHE 391	3	Research	
BIO 248	3	Biostatistics			3-4	CHE elective**	
	3	Social Science LAC course			3	Humanities LAC course	
FALL 2019				SPRING 2020			
Course	Cr	Title	✓	Course	Cr	Title	✓
CHE 335	4	Physical Chemistry I		CHE 336	3	Physical Chemistry II	
CHE 391	3	Research		CHE 352	1	Seminar	
	3	Global Studies LAC course			3-4	CHE elective**	
	3	Art LAC course			3	Social Science 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 308, 314, 320, 341, 344, 347.

\*\*\*Electives must be included to ensure that the overall total number of credits reaches the 120 credits needed to complete a degree.

## Liberal Arts Curriculum (LAC) for Chemistry (BS) maiors

Natural Science: One must be a lab-based course	Writing: 6 cr.			
1. CHE 111 2. CHE 112	1. WRI 100 2. CHE 300			
Arts: 6 cr. total, one must be a 3 cr. course*	Humanities: 6 cr. total from two disciplines*			
1	1. 2			
Mathematics & Logic: 6 cr total, one mathematics course	Social Science: 6 cr. total from two disciplines*			
1. MAT 141 2. MAT 142	1. 2			
Ethics: 3 cr.	Global Studies: 3 cr.			
1. ETL 235	1			
Technology:	Information Literacy:			
1. CHE 300, 302, 307, 335, 352, and 391	1. CHE 300			
Oral Presentation:				
1. CHE 352 and 391	* The 4 disciplines used to fulfill the Humanities and Social Science requirements cannot be used to fulfill the Arts requirement.			