

INTEGRATED BIOLOGY (B.A.) Four-Year Graduation Guarantee 2020-2021 Catalog

Cedar Crest College's Four-Year Graduation (4YG) Guarantee is open to all academically qualified candidates enrolled full-time in a 4-year 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.

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By signing below, ______ is enrolled in the 4YG program for the Integrated Biology (BA) major under the 2020-2021 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 Integrated Biology (BA) 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 an Integrated Biology (BA) 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 Integrated Biology (BA) major requirements:
 - o Earn a minimum 2.0 cumulative GPA and 2.0 GPA in major coursework.
 - o Earn a C- or better in all courses taken for major requirements.
 - Earn a C- or better in all prerequisite courses before proceeding to subsequent courses.
 - Complete freshman core courses during the first year of enrollment; sophomore core courses during the second year of enrollment; BIO 350 in the third fall semester; and BIO 356 in the fourth fall semester
 - Complete at least 8 credits toward the elective requirement prior to the final semester.
 - o Complete the CHE 111, 112 sequence before the junior year.
 - 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.

Required Meeting Schedule:

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

Student Signature		Date	ID Number	Entry Term
Advisor Signature	Date		4YG Coordinator Signature	Date

INTEGRATED BIOLOGY (B.A.) Recommended Course Sequence 2020-2021 Catalog

FALL 2020			SPRING 2021				
Course	Cr	Title	$\overline{}$	Course	Cr	Title	√
BIO 123	4	Foundations in Biology		BIO 124	4	Principles of Cell and Molecular Biology	
CHE 111	4	Chemical Principles		CHE 112	4	Chemical Equilibrium and Analysis	
FYS	3	First Year Seminar		WRI 100	3	College Writing	
CCC 101	0.5	College Life		CCC 102	0.5	Exploring Your Future	
	3	elective***			3	elective***	

FALL 2021 SPRING 2022 Course Cr Cr Animal Ecology, Development, and **BIO 239** Genetics **BIO 231** 4 Evolution 3 MAT 140 Pre-calculus or higher 3 Mathematics and Logic LAC course MAT_ 3 Art LAC course 3 Integration Across Disciplines elective* **Humanities LAC course** Social Science LAC course 3 3 ETL 235 3 **Ethical Life** CCC 20X 3 Sophomore Expedition

FALL 2022			SPRING 2	SPRING 2023			
Course	Cr	Title	_	Course	Cr	Title	✓
BIO 350	2	Junior Colloquium			1-4	Biology elective**	
	3	Integration Across Disciplines elective*			3	Integration Across Disciplines elective*	
	1-4	Biology elective**			3	Art LAC course	
	3	Social Science LAC course			3	Humanities LAC course	
	3	elective***			3	elective***	
	3	elective***					

FALL 20	FALL 2023					SPRING 2024			
Course	Cr	Title	✓	Course	Cr	Title	√		
BIO 356	3	Science, Ethics, and Society		BIO 357	0.5	Reflection on an Integrated Biology Major			
	3	Integration Across Disciplines elective*			1-4	Biology elective**			
	1-4	Biology elective**			3	elective***			
	3	elective***			3	elective***			
	3	elective***			3	elective***			

^{*} Choose 12 credits from one discipline outside the Biological Sciences, or self-design a program across multiple disciplines with advisor approval.

Liberal Arts Curriculum (LAC) and College-Wide Requirements

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Natural Science (SCI): 7 cr. total, one must be a lab-based course	Writing (WRI1, WRI2): 2 courses, 6 cr. total
1. BIO 123 2. BIO 124	1. WRI 100 2. BIO 356
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 140 or higher 2	1. 2.
Ethics (ETH): 1 course, 3 cr.	Global Studies (GS): 1 course, 3 cr.
1. ETL 235	1. CCC 201
Technology: 3 cr.	Information Literacy: 3 cr.
1. BIO 239, 231, 350, and 356	1. BIO 239, 231, 350, and 356
Oral Presentation: 3 cr.	

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1. BIO 124, 239, 350, and 356

^{**}Biology electives: 12 credits from any additional 200 or 300 level BIO course except BIO 243 or 354; CHE 307 (or 217), 308 or FSC 348 may be applied; up to 2 credits of BIO 353, CHE 391/392, or HON 350/351; up to 1 credit of BIO 201. At least one course must be a 4-credit lecture/lab course.