CEDAR CREST COLLEGE

INTEGRATED BIOLOGY (BA)
Recommended Course Sequence
2017-2018 Catalog

FALL 2017

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

SPRING 2018

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

FALL 2018

Course	Cr	Title	✓
BIO 239	4	Animal Ecology, Development and Evolution	
MAT___	3	MAT 140 Pre-calculus or higher	
_____	3	Art LAC course	
_____	3	Humanities LAC course	
ETL 235	3	Ethical Life	

SPRING 2019

Course	Cr	Title	✓
BIO 231	4	Genetics	
_____	3	Mathematics and Logic LAC course	
_____	3	Integration Across Disciplines elective*	
_____	3	Social Science LAC course	
CCC 201	3	Sophomore Expedition	

FALL 2019

Course	Cr	Title	✓
BIO 350	2	Junior Colloquium	
_____	3	Integration Across Disciplines elective*	
_____	1-4	Biology elective**	
_____	3	Social Science LAC course	
_____	3	elective***	
_____	3	elective***	

SPRING 2020

Course	Cr	Title	✓
_____	1-4	Biology elective**	
_____	3	Integration Across Disciplines elective*	
_____	3	Art LAC course	
_____	3	Humanities LAC course	
_____	3	elective***	

FALL 2020

Course	Cr	Title	✓
BIO 356	3	Science, Ethics, and Society	
_____	3	Integration Across Disciplines elective*	
_____	1-4	Biology elective*	
_____	3	elective***	
_____	3	elective***	

SPRING 2021

Course	Cr	Title	✓
BIO 357	1	Reflection on an Integrated Biology Major	
_____	1-4	Biology 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.
**Biology electives: 12 credits from: any additional 200 or 300 level BIO or NEU course except BIO 243 or 354; CHE 307 or 348 (but not both); up to 2 credits of BIO 353; up to 1 credit of BIO 201. At least one course must be a 4-credt lecture/lab course.
***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) and College-Wide Requirements

Natural Science (SCI): 7 cr. total, one must be a lab-based course
1. BIO 123
2. BIO 124

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 140 or higher
2. _____

Ethics (ETH): 1 course, 3 cr.
1. ETL 235

Technology: 3 cr.
1. BIO 239, 231, 350, and 356

Oral Presentation: 3 cr.
1. BIO 124, 239, 350, and 356

Writing (WRI1, WRI2): 2 courses, 6 cr. total
1. WRI 100
2. BIO 356

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 201

Information Literacy: 3 cr.
1. BIO 239, 231, 350, and 356