CEDAR CREST COLLEGE

INTEGRATED BIOLOGY (BA)
Recommended Course Sequence
2014-2015 Catalog

FALL 2014

Course	Cr	Title	✓
BIO 123	4	Foundations in Biology	
CHE 111	4	Chemical Principles	
FYS ____	3	First Year Seminar	
SPS 120	0.5	College Life	
_____	3	elective***	

SPRING 2015

Course	Cr	Title	✓
BIO 124	4	Principles of Cell and Molecular Biology	
CHE 112	4	Chemical Equilibrium and Analysis	
WRI 100	3	College Writing	
SPS 160	0.5	Exploring Your Future	
_____	3	elective***	

FALL 2015

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

SPRING 2016

Course	Cr	Title	✓
BIO 231	4	Genetics	
_____	3	Mathematics and Logic LAC course	
_____	3	Integration Across Disciplines elective*	
_____	3	Social Science LAC course	
_____	3	Global Studies LAC course	

FALL 2016

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 2017

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

FALL 2017

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

SPRING 2018

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) for Biology majors

Natural Science: One must be a lab-based course
1. BIO 123
2. BIO 124

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

Mathematics & Logic: 6 cr total, one mathematics course
1. MAT 140 or higher
2. _____

Ethics: 3 cr.
1. ETL 235

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

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

Writing: 6 cr.
1. WRI 100
2. BIO 356

Humanities: 6 cr. total from two disciplines*
1. _____
2. _____

Social Science: 6 cr. total from two disciplines*
1. _____
2. _____

Global Studies: 3 cr.
1. _____

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

* The 4 disciplines used to fulfill the Humanities and Social Science requirements cannot be used to fulfill the Arts requirement.