

FALL 2021

Course	Cr	Title	✓
BIO 123	4	Foundations in Biology	
CHE 111	4	Chemical Principles	
MAT 141	3	Calculus I	
FYS _____	3	First Year Seminar	
CCC 101	0.5	College Life	

SPRING 2022

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

FALL 2022

Course	Cr	Title	✓
BIO 239	4	Animal Ecology, Development, and Evolution	
ETL 235	3	Ethical Life	
CHE 205	4	Organic Chemistry I	
_____	3	Humanities LAC course	

SPRING 2023

Course	Cr	Title	✓
BIO 231	4	Genetics	
CHE 206	4	Organic Chemistry II	
CCC 20X	3	Sophomore Expedition	
_____	3	Social Science LAC course	
_____	1-4	elective***	

FALL 2023

Course	Cr	Title	✓
BIO 350	2	Junior Colloquium	
BIO 335	4	Molecular Genetics I	
_____	3	Social Science LAC course	
_____	3-4	Genetic Engineering elective** or elective***	
_____	3	elective***	

SPRING 2024

Course	Cr	Title	✓
BIO 345	3	Advanced Recombinant DNA	
BIO 336	4	Molecular Genetics II	
_____	3-4	Genetic Engineering elective** or elective***	
BIO__	1.5	Genetic Engineering minilab*	
_____	3	Arts LAC course	

FALL 2024

Course	Cr	Title	✓
BIO 356	3	Science, Ethics, and Society	
CHE 307	4	Biochemistry	
_____	3-4	Genetic Engineering elective** or elective***	
BIO__	1.5	Genetic Engineering minilab*	
_____	3	Arts LAC course	

SPRING 2025

Course	Cr	Title	✓
_____	3-4	Genetic Engineering elective** or elective***	
_____	3	Humanities LAC course	
_____	3	elective***	
_____	3	elective***	
_____	3	elective***	

* Choose two courses for a total of 3 credits from: BIO 341, 343, 344, or 349.

** Choose 7 credits from: BIO 227, 300, 317, 327, 332, 339, or 348; CHE 308; FSC 348. At least 1 must contain a lab.

*** 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 141 2. _____
Ethics (ETH): 1 course, 3 cr.
1. ETL 235
Technology:
1. BIO 231, 239, 350, and 356
Oral Presentation:
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:
1. BIO 231, 239, 350, and 356