

ACADEMIC ROADMAP

Biology BA Integrative Concentration Fall 2022

Freshman Year (30 credits)

FIRST SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Foundations of Biology	BIO 111	
Introductory Chemistry <u>or</u> Functions and Modeling	CHE 110 ("C" or better) <u>or</u> MAT 114 ("C" or better)	
Ethics for Scientists	PHI 111 (IF Humanities)	
Intellectual Foundations course		
College Writing I	CWP 101	

SECOND SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Introductory Biology Series	BIO 211 or BIO 213	BIO 111 ("C" or better)
Fundamentals of Chemistry I + lab	CHE 111 & 113 (lab)	CHE 110 or MAT 114
Introduction to Psychology	PSY 101 (IF Social Science)	
Intellectual Foundations course		
College Writing II	CWP 102	CWP 101 ("C" or better)

Notes and recommendations: Attend at least one faculty office hour; visit Academic Commons (Math & Writing Centers, tutoring); view your degree audit sheet in Degree Works

Sophomore Year (60 credits)

THIRD SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Introductory Biology Series	BIO 211 or BIO 213	BIO 111 ("C" or better)
Fundamentals of Chemistry II + lab	CHE 112 & 114 (lab)	CHE 111 & 113
Intellectual Foundations course		
Intellectual Foundations course		

FOURTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Biology upper-division elective	By advisement	
Biology upper division elective	By advisement	
Intellectual Foundations course		
Intellectual Foundations course		

Notes and recommendations: Form a study group; consider enrolling in a minor or certificate program

Junior Year (90 credits)**FIFTH SEMESTER**

Course Title	Catalog Number	Prerequisite(s)
Writing-infused Biology elective (choose one)	BIO 314 (Advanced Cell Biology) (spring only) BIO 315 (Ecology) (fall only) BIO 405 (evolution) (fall only) BIO 440 (applications in Biotech) (fall only)	BIO 111, 211, 213, CHE 111/113, CHE 112/114 & CHE 201 BIO 111, 211 & 213 BIO 111, 211 & 213 BIO 111, 211, 213, CHE 111/113 & CHE 112/114
Biological Form, Function & diversity	BIO 333 (fall only)	BIO 111, 211 & 213
Intellectual Foundations course		
All College elective		
All College elective		

SIXTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Writing-infused Biology elective (choose one)	BIO 314 (Advanced Cell Biology) (spring only) BIO 315 (Ecology) (fall only) BIO 405 (evolution) BIO 440 (applications in Biotech) (fall only)	BIO 111, 211, 213, CHE 111/113, CHE 112/114 & CHE 201 BIO 111, 211 & 213 BIO 111, 211 & 213 BIO 111, 211, 213, CHE 111/113 & CHE 112/114
Biology upper-division elective	By advisement	
All College elective		
All College elective		

Notes and recommendations: Visit the Career Development Center; talk to your faculty advisor about graduate school options

Senior Year (120 credits)**SEVENTH SEMESTER**

Course Title	Catalog Number	Prerequisite(s)
Biology upper-division elective	By advisement	
All College elective		
All College elective		

EIGHTH SEMESTER

Course Title	Catalog Number	Prerequisite(s)
Biology upper-division elective	By advisement	
All College elective		
All College elective		

Notes and recommendations: Apply for graduation; apply to graduate school, if applicable; visit the Career Development Center to have your resume reviewed