

**SAMPLE CAREER DEGREE MAP****Biology BS: GENERAL****2024-Present | Total Credits Required: 120****Year One - First Semester Degree Requirements →**

Course Number & Title	Min. Grade	Cr.
ENG 111 ENGLISH COMPOSITION		3
MTH 123 OR MTH 125		4
BIO 170 GENERAL BIOLOGY I	C	3
BIO 171 GENERAL BIOLOGY LAB I		1
CHM 141 GENERAL CHEMISTRY I		3
CHM 121 GENERAL CHEMISTRY I LAB		1
Total Credits:		15

← Year One - First Semester Career Readiness

Recommended Career Readiness Activities	Done
Log into your Handshake Account	
Create a Draft Resume or Start Building a Basic Resume	
Join a Biology-Related Student Club	

Year One - Second Semester Degree Requirements →

Course Number & Title	Min. Grade	Cr.
ENG 151 INTRO TO COLLEGE WRITING		3
MTH 231 ANALYTIC GEOMETRY & CALC. I	C	3
MTH 229 CALCULUS COMPUTER LAB		1
BIO 180 GENERAL BIOLOGY II	C	3
BIO 181 GENERAL BIOLOGY II LAB		1
CHM 142 GENERAL CHEM II		3
CHM 127 GENERAL CHEM II LAB		1
Total Credits:		15

← Year One - Second Semester Career Readiness

Recommended Career Readiness Activities	Done
Create a LinkedIn Account	
Explore Career Options for Biology Majors	
Attend Career Center for Professional Development Events and Internship Fairs	
Create a Draft Cover Letter	

Year Two - First Semester Degree Requirements →

Course Number & Title	Min. Grade	Cr.
US EXPERIENCE IN ITS DIVERSITY		3
PSY 100 PSYCHOLOGY		3
BIO 205 OR 233 OR 235 OR 237 OR 239	C	4
CHM 250 ORGANIC CHEMISTRY I		5
Total Credits:		15

← Year Two - First Semester Career Readiness

Recommended Career Readiness Activities	Done
Develop a Network of Contacts Through LinkedIn	
Update Your Resume	
Find a Mentor You Can Check in With Periodically	
Start Your Internship Search	
Look for Summer Research Opportunities	

Year Two - Second Semester Degree Requirements →

Course Number & Title	Min. Grade	Cr.
WORLD CULTURES & GLOBAL ISSUES		3
CREATIVE EXPRESSION		3
BIO 205 OR 233 OR 235 OR 237 OR 239	C	4
CHM 256 ORGANIC CHEMISTRY II		5
Total Credits:		15

← Year Two - Second Semester Career Readiness

Recommended Career Readiness Activities	Done
Join the American Institute of Biology Sciences (AIBS)	
Use LinkedIn to Start Marketing Yourself and Building Professional Relationships	
Attend Basic Interview Workshops	
Identify Skills That You Need to Build Outside of the Classroom - take an online course in R, Python, BLAST, or Geneious	

**SAMPLE CAREER DEGREE MAP****Biology BS: GENERAL****2024-Present | Total Credits Required: 120****Year Three - First Semester Degree Requirements →**

Course Number & Title	Min. Grade	Cr.
BIO 205 OR 233 OR 235 OR 237 OR 239	C	4
BIO 205 OR 233 OR 235 OR 237 OR 239	C	4
BIO 205 OR 233 OR 235 OR 237 OR 239	C	4
(PHY 120 AND 120) OR PHY 116 PHYSICS I		4
Total Credits:		16

← Year Three - First Semester Career Readiness

Recommended Career Readiness Activities	Done
Refine Your Resume	
Continue to Apply for Internships	
Research Graduate School or Other Post-Graduate Opportunities	
Practice Advanced Interview Techniques	

Year Three - Second Semester Degree Requirements →

Course Number & Title	Min. Grade	Cr.
BIO 272 STATS FOR BIOL. SCIENCES		4
BIO 200- OR 300 OR 400-LEVEL		4
BIO 200- OR 300- OR 400-LEVEL		4
(PHY 160 AND 161) OR PHY 156		4
Total Credits:		16

← Year Three - Second Semester Career Readiness

Recommended Career Readiness Activities	Done
Take Leadership Roles in Clubs and Organizations	
Attend Industry Conferences, Career Center for Professional Development Events and Internship Fairs	
Explore Career Options and Tasks with Virtual Work Experiences	
If applicable, start preparing for the MCAT, GRE, or other relevant exams	

Year Four - First Semester Degree Requirements →

Course Number & Title	Min. Grade	Cr.
BIO 300- OR 400-LEVEL		4
BIO 424 OR 430 OR 450 OR 452 OR 454 OR 456 OR 458 OR 460		3
ELECTIVE		3
ELECTIVE		3
Total Credits:		13

← Year Four - First Semester Career Readiness

Recommended Career Readiness Activities	Done
Meet with a Career Advisor for Job Search Preparation	
Use LinkedIn to Let Contacts Know You Are Looking for Employment	
If Appropriate, Complete the Process of Applying to Graduate School and Draft Personal Statements	

Year Four - Second Semester Degree Requirements →

Course Number & Title	Min. Grade	Cr.
BIO 300- OR 400-LEVEL		4
BIO 300- OR 400-LEVEL		4
SOCIAL SCIENCE OR TALA		4
ELECTIVE		3
Total Credits:		15

← Year Four - Second Semester Career Readiness

Recommended Career Readiness Activities	Done
Actively Apply for Jobs! Record your progress and follow up on your applications.	
Attend Networking Events and Career Fairs	
Final Interview Preparation – Practice Negotiation Skills for Job Offers/Salaries	
Secure Letters of Recommendation	
Participate in Senior Showcase Events	