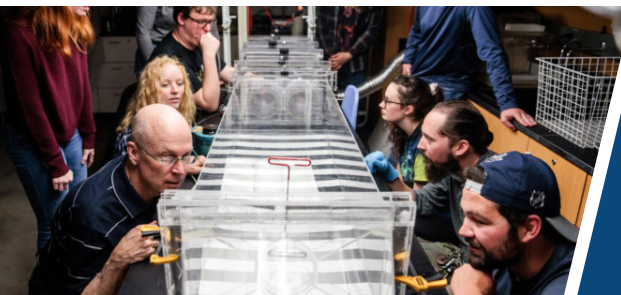




DEPARTMENT OF BIOLOGY



ABOUT US The Department of Biology gives students foundational knowledge, so they can examine living organisms from the molecular level to entire ecosystems. Biology majors gain an understanding of biological principles, as well as analytical, laboratory and field-based scientific training necessary to pursue graduate studies, conduct biological research, or directly enter the workforce.



STUDENT OPPORTUNITIES Many opportunities are available both in and out of the classroom so students can build skills that have value in the job market. Since research is such an important function in biology, students in the classroom will “learn by doing” - not only getting rich laboratory-based hands-on learning, but also gaining experience putting the scientific method into practice. Outside of the classroom, students can participate in Undergraduate research opportunities, as well as external internships at places like hospitals, veterinary clinics, the Denver Zoo, and Colorado Parks & Wildlife.



WHAT MAKES US SPECIAL Experience personalized education with intimate class settings led by expert faculty. Customize your academic journey to align with your passions and professional aspirations. Benefit from seasoned professors offering individualized mentoring and guidance and access to valuable research experiences.



MAJOR/MINOR We offer a B.S. in Biology, B.A. in Biology, and a minor in Biology. Our majors can also be customized and tailored if students are interested in a particular area of study, allowing for more flexibility in scheduling and meeting students where they are.

ALUMNI QUOTE

“I secured a position in a craniofacial biology lab as a professional research assistant. This is the exact area of the field that I studied during undergrad.”

- Jessie Patrick, BIO alumni 2019



CONTACT US

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BIOLOGY | Bachelor of Arts Bachelor of Science

Experiential Major Map



COLLEGE OF LETTERS,
ARTS AND SCIENCES

Experiential Major Map			
	First Year	Middle Years	Last Year
Cultivate Learning & Academic Excellence	- Complete Financial Aid and Scholarship applications - Meet with Professional Academic Advisor - Take Math and English placement test	- Meet with a biology faculty advisor - Go to the tutoring center and/or writing center	- Take your senior-experience course - Meet with advisor to confirm you are on track for graduation
Engage Globally and Locally	- Learn about resources in the Biology Student Resource Module - Visit the CASE and RM-AMP websites - Join a student organization	- Look into a study-abroad and/or field course - Be active in a student group - Volunteer somewhere in your field of study	- Begin networking outside the University - Contact faculty advisor at the graduate programs you want to attend
Prepare for Postgraduation Success	- Attend Biology open house and/or research seminar - Attend the MSU Denver Research Conference	- Participate in undergraduate research and/or write a grant - Visit the C2 Hub to look for internships and begin working on your resume - Look for graduate programs (if you plan to continue education)	- Present your research at MSU Denver Undergraduate Conference - Participate in a paid internship or in Earn and Learn for an unpaid internship - Apply to graduate school
Academic Success Checklist - Discover library resources - Book an appointment with your academic advisor - Visit the writing and tutoring center - Complete FASFA and academic scholarship applications 96% of undergraduate research students get into graduate school or obtain jobs in the biology field post-graduation. Career Development Checklist - Update your resume early & often - Drop into the C2 Hub's Career Lab - Secure an internship or career aligned part time job to develop essential skills for graduation			
Career Information What skills do employers want? - Hands-on lab and/or field experience - Research experience - Problem-solving skills - Good writing and communication skills This major gives me the skills to: - Work in a research lab - Work in the field - Pursue graduate school What careers can I pursue? - Health-care related jobs - Research lab technician - Zoologist/Wildlife Biologist - Geneticist - Microbiologist - Botanist			

