

B.A. Biology | Major Map

2022 GRADUATE CAREER OUTCOMES

Based on information from at least 88% of graduates

100% Secured Employment

93% Admitted Into Graduate School or Professional Program

POPULAR CAREERS

- **Animal Science:** veterinarian, zoologist
- **Education:** teacher, researcher, public health
- **Health Care:** physician, dentist, physician assistant, pharmacist, occupational therapist, optometrist, genetic counselor
- **Legislation/Law:** lobbyist, policy analyst, environmental or patent lawyer, nonprofit administrator
- **Research & Development:** quality control specialist, environmental scientist, food scientist, bioinformatic scientist, biologist, biophysicist, biochemist, pathologist, technical writer, grant writer

POPULAR EMPLOYERS

Hospitals, rehabilitation centers, universities, school districts, private research foundations, law firms, pharmaceutical companies, zoos, federal government departments & agencies (Center for Disease Control; Environment & Natural Resources; Food & Drug Administration; Game, Fish and Parks), veterinary offices, mental health institutions

SIGNATURE EXPERIENCES

- **Internships**
 - Avera Health
 - Great Plains Zoo
 - Butterfly House & Aquarium
 - SD Bureau of Personnel (e.g., Department of Agriculture & Natural Resources; Game, Fish, and Parks)
 - Sanford Health
 - Vance Thompson Vision
- **Research:** Students engage in independent, faculty-mentored research in the summer and throughout the school year, as well as applied projects in their upper-level courses.
 - Local biotechnology employers (SAB, Alumend, OmegaQuant, POET)
 - Biomedical Research Infrastructure Network (BRIN)
 - EPSCoR
 - Sanford Program for Undergraduate Research (SPUR)
- **Study Away**
 - AU Faculty-Led: From the Gulf to the Florida Keys: Introduction to Marine Biology
 - AU Faculty-Led: Biogeography of Islands (Galapagos, Ecuador)
 - AU Faculty-Led: Kenya Elimu na Kilimo: Glimpses at the Intersection of Global Food Security & Education
 - Semester by the Bay



WHY STUDY BIOLOGY?

We share your fascination with the natural world. Biology is literally the study of life. As a biology major, you will study the interrelationships and interdependencies between organisms and their environment. In addition, we seek to help you understand your place within the biosphere. We offer many opportunities for inquiry and research, both inside and outside the classroom that encourage you to think like a scientist and further explore your interests. We take your future career seriously and believe that the disciplined approach to learning, critical thinking and communication skills that you will develop as a biology major will serve you well in any career you decide to pursue.

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EMPHASIS OPTIONS

Allied Health | Cell & Molecular Biology | Ecology & Environmental Science

FIRST YEAR

MIDDLE YEAR~S°

LAST YEAR

EXCEL ACADEMICALLY

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| <ul style="list-style-type: none">• Review SOPHIA and program requirements with your academic advisor.• Examine your degree audit report, and create a plan of study in Academic Planner.• Participate in FYS 112 to confirm your major, hear from upper-level students about signature experiences and chart a personalized plan for your engagement.• If you aspire to enroll in graduate school or a professional program, meet with a pre-professional advisor.• Meet individually with your biology professors during your first semester for personal input on your study strategies. | <ul style="list-style-type: none">• Explore possible elective courses and minors.• Contact the Student Success Center to declare any second majors or minors.• Engage in research, and present your work at the annual research symposium.• Draft a tailored resume and personal statement in BIOL 490.• Speak with your advisor to enroll in specific natural science courses tailored to your interests and time the completion of standardized exams (e.g., GRE, MCAT, DAT).• Participate in and consider earning credit for any internships or research endeavors. | <ul style="list-style-type: none">• Apply to graduate no later than Oct. 1, and review the degree audit provided by the Registrar's Office.• Continue to gain experience and serve the community (e.g., research, patient care).• Complete your 300-level electives. |
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ENGAGE & APPLY YOUR LEARNING

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| <ul style="list-style-type: none">• Access your Viking Central account. Participate in campus clubs and organizations such as the Tri-Beta Honor Society, Biology Club, Augie Green, Pre-Medicine Club or the Kidney Disease Screening & Awareness Program (KDSAP).• Explore study-away opportunities at the study-away fairs.• Create an account in Augie Opportunities, Augustana's job and internship database.• If you are unsure about your career but know you are interested in health care, volunteer at Sanford or Avera Health. | <ul style="list-style-type: none">• Attend the Sophomore Retreat.• Engage in campus leadership, internships, service, study away and relevant summer employment.• Apply to be a biology teaching assistant or tutor.• Participate in the alumni mentor program.• Consider elite scholarship opportunities, such as the Fulbright, Goldwater or National Science Foundation.• If health care is on the horizon, gain patient care hours.• Apply for experiential scholarships. Pursue elite fellowships.• Earn the Diversity Advocate Certificate. | <ul style="list-style-type: none">• During the summer, share your application to graduate or professional schools with your advisor and CAP Specialist for feedback.• Attend the BIG (Business, Industry & Government) Career & Internship Fair.• Participate in mock interviews and networking events.• Complete the career outcome survey to update us of your employment or enrollment in graduate school.• Join the Augustana alumni community. |
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CHART YOUR COURSE TODAY!

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