



Biology



Special Points of Interest

- Independent Research Opportunities
- Competitive Study Abroad Opportunities
- Access to the Premedical Professions Advising Office

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Interested in Biology?

About the Major

Biology is one of the most popular majors for students interested in health fields, and the curriculum provides an excellent base of preparation for a wide variety of careers or postgraduate study. The Biology major program is designed to meet the needs of students who plan to enter graduate school in the biological sciences, to enter medical, dental, or veterinary college, or to work in specialized paramedical fields, environmental programs, or other careers in which biology would serve as an academic background.

The Department of Biology takes special pride in its teaching at both the graduate and undergraduate levels. Undergraduate courses provide a broad foundation in animal biology and allow students to pursue selected areas of interest in depth through research participation and advanced studies courses.

Research Opportunities

The Biology Department is actively involved in the Honors Program, and many undergraduate students carry out independent research projects under the guidance of faculty members with national and international reputations in their fields.

Scholarships

M. Blanche Adams and M. Frances Adams Scholarship in Biology

George Miksch Sutton Scholarship



Clubs and Organizations

The department encourages participation in the Honors College, the Zoological Society, and other opportunities for individualized educational enhancement. Several student clubs are sponsored by Biology faculty and allow students with common interests to take field trips and attend lectures about career planning and other important topics. The Biology Aid Program (ZAP) is composed of undergraduate students who volunteer to tutor other students in introductory Biology. It is a rewarding experience for both the ZAP volunteers and those with whom they work.

Opportunities

- AED (Alpha Epsilon Delta)
- Minority Association of Pre-Health Students
- Pre-Dental Club
- Pre-Medical Professions Club
- Pre-Veterinary Club
- Zoological Society

Biology Curriculum

Students who pursue a degree in Biology must complete 36 hours of major coursework, with 16 of these hours to be major electives selected from a track listed below.

Biomedical Sciences: A good fit for laboratory careers or preparation for positions in the health field and veterinary sciences or graduate studies in biology.

Ecology and Evolutionary Biology: A good fit for careers as park rangers, foresters, game managers and a solid background for becoming an ecologist or evolutionary biologist.

Neurobiology, Cell Signaling and Development: A good fit for laboratory careers and a solid background for graduate studies in neurology, cell biology, and development.