BIOLOGY

The Biology Department has as its aim the education of broadly trained biologists who are well grounded in chemistry, physics, and mathematics, and have command of the written and spoken word. Emphasis is placed on understanding basic principles and concepts in biology, and the application of those principles through analysis of data and synthesis of information learned in the classroom and the research laboratory. The Biology program has always been known as a training ground for individuals pursuing professional careers in the life sciences. Many graduates from the majors offered by the Biology Department have gone on to professional schools, pursued graduate studies, or entered the work force directly in academic, government, clinical, and industrial labs. This requires that our students be prepared to face the challenges of a competitive world. To help them meet these challenges the Department of Biology has established a strong advising program. Faculty commitment to academic advising and accessibility of faculty advisors to students exemplifies the institutional mission of cura personalis.

Faculty

The biology department's faculty and staff members are scientists, scholars, educators, mentors and advisers who are eager to engage in research and support students throughout their journey in the ever-evolving field of life sciences.

Department of Biology Faculty & Staff (https://www.sju.edu/departments/biology/faculty-staff/)

Biology in the GEP

The GEP requires that all students take EITHER one semester of a lab-based natural science course (6 contact hours) OR two semesters of lecture-only natural science courses. Students who wish to satisfy the natural science GEP by completing courses in Biology may do so by taking the first semester of the Biology majors, lab-based course sequence, BIO 101, or one of the lab-based, one-semester courses for non-science majors, like BIO 165. Alternatively, students may fulfill one or both semesters of the natural science GEP by completing one or two of the special one-semester lecture-only Biology courses designed for non-science majors listed below.

Code	Title	Hours
Non-science majors Biology GEP lecture-only courses		
BIO 160	Heredity and Evolution	3
BIO 161	Human Organism	3
BIO 162	Plants and Civilization	3
Non-science majors Biology GEP lab-based courses		
BIO 165	Exploring the Living World	4

Programs

Undergraduate Majors

- Biology (https://academiccatalog.sju.edu/arts-sciences/biology/bs-biology/)
- Biological Studies (https://academiccatalog.sju.edu/arts-sciences/biology/biological-studies-ba/)
- Biomedical Sciences (https://academiccatalog.sju.edu/arts-sciences/biology/biomedical-science-major/)
- Medical Laboratory Science (https://academiccatalog.sju.edu/arts-sciences/biology/medical-lab-sci-major/)

Undergraduate Minor

- Biology (https://academiccatalog.sju.edu/arts-sciences/biology/minor-biology/)

Undergraduate Certificate

- Medical Laboratory Science (https://academiccatalog.sju.edu/arts-sciences/biology/medical-laboratory-sci-cert/)

Graduate

- Biology MS (https://academiccatalog.sju.edu/arts-sciences/biology/ms-biology/)
- Biology MA (https://academiccatalog.sju.edu/arts-sciences/biology/ma-biology/)
- Genomics (https://academiccatalog.sju.edu/arts-sciences/biology/genomics-ms/)

Graduate Certificate

- Genomics (https://academiccatalog.sju.edu/arts-sciences/biology/genomics-gct/)