

# Biology

Biology is a branch of science fundamental to human existence. It is the study of life at various levels ranging from atoms and molecules, to cells, organisms, ecosystems and ultimately, the biosphere. The core theme linking all fields of biological study is evolution; a theme which is also reflected in our primal quest to discover where we came from and to understand our place in the world.

To study biology is to embark upon a lifelong process of learning about the diversity of living organisms and how they interact with each other, their environment, and with humans. All life forms are inextricably connected to each other and no other field of science has greater relevance or impact upon our lives and how we relate to our environment. This has come about from an understanding of organisms and biological processes which have led to advancements in fields as diverse as health and medicine, psychology, agricultural food production, forensics, genetic engineering and biotechnology and sustainable natural resource management.

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- Bachelor of Science Major
- Minor

## CAREER OPPORTUNITIES

Students who graduate with a degree in Biology will be well equipped for employment in government agencies as well as the private sector and may include entry level career opportunities in the following fields:

- Agriculture
- Animal Science (Dairy/Farming)
- Biotechnology
- Botany
- Environmental Consultant
- Fisheries Biology
- Food Science and Technology
- Forensics
- Informatics
- Medical or Scientific Laboratories
- Marine Biology
- Microbiology
- Molecular Biology
- Natural Resource Conservation and Management
- Pharmaceuticals
- Government Policy
- Toxicology
- Zoo or Aquaria - Animal Care