Faculty
Abdelatif, Ahmed; Assistant Professor of Neurosciences, PhD 2007, University of Louisville
Amleh, Asma; Associate Professor of Developmental Biology, PhD 2004, McGill University
Bos, Arthur; Associate Professor of Marine Biology/Ecology and Chair, PhD 1999, University of Hamburg
Fouad, Walid; Associate Professor of Plant Biotechnology, PhD 2004, University of Florida
Kakarougkas, Andreas; Assistant Professor of Cell and Molecular Biology, PhD 2012, Genome Damage and Stability Centre, University of Kent
Kakarougkas, Andreas; Associate Professor of Biotechnology, PhD 2009, University of New Orleans
Main, Andrew; Professor Emeritus; DPhil 1976, Yale University
Moustafa, Ahmed; Associate Professor of Bioinformatics, PhD 2009, The University of Iowa
Siam, Rania; Professor of Microbiology; PhD 2001, McGill University
Zada, Suhir; Professor of Immunology; PhD 1975, Cairo University

Research
Faculty members are involved in a wide variety of research activities, such as immunology and infectious diseases, biodiversity and conservation of Red Sea coral reefs and other aquatic environments, Red Sea marine genomics and metabolomics of deep sea ecosystems, human genetic variation and disease, development of new treatments for genetic diseases, early prediction of human gene changes in cell lineages in chronic Hepatitis C, use of bioinformatics to study and compare expression data and cancer, medical applications of nanotechnology and biotechnology.

Accreditation
AUC’s accreditation includes the Middle States Commission on Higher Education (MSCHE) in the United States.

Why Join AUC’s Biology Program?
AUC provides a quality professional education that advances the ideals of American liberal arts and STEM learning. As freedom of academic expression is fundamental to this effort, AUC encourages and supports the free exchange of ideas and promotes ongoing interaction with scholarly institutions throughout Egypt and other parts of the world.

The University includes English-language instruction, use of the tools of learning, as well as 学术, 学术交流, 学术交流, 学术交流, 学术交流.
Students are trained by outstanding faculty with PhDs from leading universities in the United States, Canada, Europe, and Egypt.
AUC has one of the few English-language campuses in the Middle East, equipped with state-of-the-art instructional and educational facilities.
Students have access to a rich and diverse student life with a broad array of extracurricular activities.
A spacious, technologically advanced and environmentally sensitive campus in New Cairo offers world-class educational resources.
The campus includes up-to-date computer facilities and software, as well as well-equipped experimental laboratories in nearly every specialty.
The approach to biology education at AUC is dynamic, keeping up with current advances and newly emerging fields. With the advances being made in traditional and newly emerging fields, there are ever increasing opportunities for well-trained biologists in today’s job market.

The Department of Biology offers a minor in bioinformatics for students interested in an academic or industrial career in computational biology. This is an interdisciplinary program coordinated by the biology and chemistry departments, in which students become involved in the study of biological sciences along with the fundamentals of computer science.

Mission

The department supports a diverse research program that involves faculty and student researchers from various disciplines in the biological sciences. Such advances have created new avenues for understanding biological processes at the molecular and cellular level, leading to the understanding of diseases at the molecular and organismal level. Research into the impacts of climate change and drought on processes of living organisms and their environments. Research into the impacts of climate change and drought on processes of living organisms and their environments.

Prospective Jobs

Today’s biologists are taking part in an exceptional period of achievement due to the enhancement of research and technologies in all fields of sciences, engineering, business and humanities. Such advances have created new avenues for understanding biological processes at the molecular and cellular level, leading to the understanding of diseases at the molecular and organismal level. Research into the impacts of climate change and drought on processes of living organisms and their environments.

Academic Offerings

• Bachelor of Science in Biology
• Minor in Biology
• Minor in Bioinformatics
• Minor in Environmental Science and Policy
• Minor in Marine Biology

Admission Requirements

Entrance requirements include a minimum score in the most recent SAT/ACT.

Program Requirements

Biology (BSc) concentration in Marine Biology or Molecular and Cell Biology

• Students completing the requirements of Marine Biology or Molecular and Cell Biology Concentration will receive an official certificate of completion in the Bachelor of Science in Biology.

Biological and Environmental Sciences Concentration

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