

As a biology major it might be difficult to study abroad and still take the courses required for your major. However, there are several host institutions that allow you to fulfill course requirements and experience the cultural diversity of studying in South Africa, Botswana, Ireland or Britain. If you are studying biology, you will be able to learn familiar topics from a different perspective through both traditional biology courses and courses unique to your host country's experience. The following is a sample of courses available. Contact Interstudy for a complete listing and more information at 800.663.1999.

BRITAIN

University College London

BIOL1003 Introduction to Microbiology

An introduction to selected aspects of prokaryotic microbiology, eukaryotic microbiology and virology, together with practical training in basic microbiological techniques. The course is intended to: 1. Provide an introduction to the diversity of microorganisms including viruses, bacteria, archaea, protozoa, algae, fungi and slime moulds. 2. Underline the importance of microbes for biomedicine; for the ecology of the planet, and as model organisms for genetics, molecular biology and cell biology. 3. Present lectures, laboratory exercises and coursework at a level that provides a continuation of material presented in school studies and provides a base for second year courses in the life sciences.

Other Courses Offered: BIOL2011 - Behavioural Ecology and Sociobiology, BIOL2006 - Introduction to Human Genetics, BIOL3003 - Aquatic Biology, BIOL3017 - Biology of Ageing

University of Glasgow

NGXV Bioengineering & Global Change 2

The overall aims of the course are to address the plant development and survival in a changing environment; internal regulators and differential gene expression controlling processes; bioproduction, the applications of plants thereto (eg in food), and factors that influence them; plant breeding and genetic engineering in a changing global environment; the complexity of interactions with plants and its relevance to the above; the impacts of global-scale changes (eg global warming, pollution) on the above.

Other Courses Offered: 1LWP Drugs And Disease 2, JGWV Human Physiology 2, MJYV Microbiology 2, JGZV Neuroscience And Behaviour 2, JGHV Forensic Bioscience 2

IRELAND

University College Dublin

BIOL10010 Animal Biology and Evolution

Topics studied include: Diversity of animals from unicellular protista to mammals. Role of animals in ecosystems, as parasites, agents of disease etc. Key physiological processes in animals. Origin and nature of diversity. Evidence for evolution. Natural selection. Microevolution. Speciation.

Other Courses Offered:

BIOL10020 Cells, Genes & Microbes, BIOL10030 Cell and Plant Biology, BIOL10050 Animal Diversity and Evolution, BIOL10060 Plants, Fungi & Environ. Sci., BIOL10070 Biology for the Modern World

SOUTH AFRICA

University of Cape Town

BIO300S Marine Ecology

The course includes an introduction to: the South African marine environment, biological oceanography, plankton ecology, benthic ecology, mariculture, fisheries biology (with special attention to major South African fisheries), sandy beach ecology, estuarine ecology and rocky shore ecology. Special topics are covered in seminars. In addition to formal lectures, tutorials and set practicals, students are required to undertake field work and a research project.

Other Courses Offered: BIO2011S Life and Land Animals, BIO2013S Life in the Sea, BIO3012F Vertebrates: Biology and Behavioral Ecology, MCB2016F Introduction to Microbiology

Rhodes University

MIC202 Molecular Biology and Genetics

Introductory molecular biology, basic genetics and conjugation, genetic engineering. This course will include a practical introduction to basic molecular techniques.

Other Courses Offered: ZOO302 Marine Biology, MIC302 Industrial and Applied Microbiology, BCH301 Biochemistry and Information Flow.

BOTSWANA

University of Botswana

BIO111 PRINCIPLES OF BIOLOGY

The following major biological principles and processes will be covered: Origin and early history of life, hierarchical organisation, scientific method, unifying principles, the cell theory, prokaryotes and eukaryotes, taxonomy, hereditary material and genetic diversity: mitosis and meiosis, the species concept, mechanism of speciation, evolution and natural selection, adaptation.

Other Courses Offered: BIO112 DIVERSITY OF PLANTS AND ANIMALS, BIO120 INTRODUCTORY BIOCHEMISTRY, BIO122 INTRODUCTORY BIOCHEMISTRY, ANATOMY AND PHYSIOLOGY, BIO123 INTRODUCTORY MICROBIOLOGY AND STORED PRODUCT ENTOMOLOGY, BIO211 CELL BIOLOGY