STUDY ABROAD
AT THE SCHOOL OF LIFE SCIENCES
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Spend a semester or a full academic year studying at the University of Glasgow’s School of Life Sciences.

Choose from an exceptional range of courses. Experience our stunning campus, state-of-the-art facilities and outstanding teaching. Make the most of your opportunity to gain hands-on experience in the lab or in the field.

We have a large and diverse student body, which includes Scottish, UK, EU and international students. We believe in the many advantages our students gain from adding an international dimension to their studies, and, each year, we welcome visiting students from around the world to join us here at the UofG.
Fundamental Topics in Biology 2
(Biology 2X)
This course covers a number of areas within biological sciences with an emphasis on the relationships between molecules, cells and complex systems.

The course consists of five main themes:
- Fundamental Molecular Biology
- Genomes to Ecosystems
- Systems to Cells
- Microbes and the Immune System
- Ageing and Disease.

Our integrated laboratory classes will help consolidate and develop skills including molecular techniques, results analysis, presentation and statistics.

Key Skills in Biology 2
(Biology 2Y)
This course develops a range of skills that will prepare you for future study in any area of biological sciences.

You will explore six areas of Biology:
- Me, Myself, I
- Extreme Biology
- The Glasgow Effect
- Forensics
- Doping
- One Health.

By the end of the course, you will have developed skills and techniques that can be used to critically analyse a range of scientific questions and ethical decisions that affect human and animal populations, from a local to a global scale.

Genes, Molecules and Cells 2
(Biology 2B)
This course will open your mind to the complexity of biological systems, to the molecular basis of life and how these mechanisms are regulated in healthy organisms but may fail in disease.

The course comprises four themes:
- Genetics
- Environmental Perception
- Developmental Biology
- Enzymes and Energy.

You will take part in a ‘designer organism’ group event which supports the development of your study skills.

Animal biology, Evolution and Ecology 2
(Biology 2A)
This course covers multiple themes across zoology, encompassing terrestrial, freshwater and marine environments.

The course is arranged into four blocks:
- Radiations and Extinctions
- Evolution and Diversity
- Living Together
- Life in the Holocene.

You will have the chance to develop your skills as a biologist outside of the classroom through practical work, seminars and workshops.

Our School has recently redesigned the Level-2 programme to offer a selection of 30 SCOTCAT credit courses. One SCOTCAT credit is equal to ten hours of effort.

Many of our visiting students combine Life Sciences courses with selections from the Colleges of the Arts, Social Sciences or Science & Engineering.

Level-1 courses are open to all students, while admission to Level-2 courses requires some academic background in Biology. The options open to incoming Level 3 & 4 students will be considered on an individual basis, but will require a strong background in a relevant area of Biology.
Human Biological Sciences 2  
(Biology 2C)  
This course will help you consolidate and develop in vitro and in vivo techniques, results analysis and presentation.

We will introduce integrative biology using examples at cell, organ and system levels for the major organ systems to demonstrate how homeostatic processes function to control important biological processes.

By the end of the course, you will have developed practical and analytical techniques that ensure you are well placed to analyse the scientific questions that most affect us, as humans.

30 credits

Microbiology and Immunology 2  
(Biology 2D)  
This course will provide a comprehensive overview of the main principles in microbiology and immunology, from the unique aspects of micro-organisms in diverse environments, to understanding the cells and molecules that make up the immune system.

The course consists of five linked themes:
• Global Influence of Microbes
• Fundamentals in Microbiology
• Fundamentals in Immunology
• Infection Biology
• Immunology in Action.

You will learn how infectious agents combat host immune defences and how aberrations in the immune response can lead to disease.

30 credits

Functional Anatomy for International Pre-Medical Students  
(Available in Semester 1 & 2)  
This course is designed primarily for students considering studying postgraduate medicine (or other Healthcare courses) in North America. It follows a similar pattern to first year medical courses in Anatomy, with emphases on function, clinical applications and study techniques.

At the end of the course, you should be able to:
• Describe anatomical structures using appropriate medical terminology
• Perform cadaveric dissection and identify structures
• Identify structures on radiographs or related images
• Discuss applications of anatomical knowledge to clinical situations
• Apply knowledge and understanding to the interpretation of clinical scenarios as presented in USMLE-style assessments.

You will gain hands-on experience of key anatomical skills by cadaveric dissection, prosection and interpretation of radiographs.

20 credits
WHO WILL YOU BECOME?

glasgow.ac.uk/schools/lifesciences

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