



Biology Advising Guide

Detailed information about ISA programs at these host institutions is available on ISA's website by following the links below. If you would like to receive specific course syllabi, or have further questions about any of these recommendations, please feel free to contact ISA's Academic Affairs Department at academicaffairs@studiesabroad.com.

Courses are in English unless otherwise noted.

AFRICA

University of Cape Town (Cape Town, South Africa)

The [University of Cape Town \(UCT\)](#) is the oldest university in South Africa and one of the continent's leading teaching and research institutions. The Biological Sciences department offers major degrees in Applied Biology, Ecology & Evolution, and Marine Biology. The University of Cape Town is officially recognized as an educational institution by the Republic of South Africa's Department of Higher Education and Training (DHET).

Biology Fields:

- [Biology](#)
- [Biochemistry](#)
- [Microbiology](#)
- [Molecular Biology](#)

Other Regional Options:

- [University of the Western Cape](#) – Cape Town, South Africa
 - [Nelson Mandela University](#) – Port Elizabeth, South Africa
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ASIA

Mahidol University (Bangkok, Thailand)

With three concentrations within its Biological Sciences department (Biology, Biomedical Science, and Biotechnology), [Mahidol University](#) allows students to pursue a diverse set of courses in a personalized setting. Numerous biology courses at Mahidol University include a practical component, and some of them include field work exercises as well.

Biology Fields:

- [Biology](#)
- [Biochemistry](#)
- [Ecology](#)
- [Human Biology](#)
- [Marine Biology](#)
- [Microbiology](#)
- [Molecular Biology](#)
- [Zoology](#)

Other Regional Options:

- [Korea University](#) – Seoul, South Korea
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EUROPE

University of Roehampton (London, England)

The [University of Roehampton](#) is recognized as one of the most research intensive modern universities in the country. Key achievements included being named the No. 1 university in London for quality of research, along with being named the No. 1 university in the UK for Research Intensity. The Department of Life Sciences faculty areas of research are categorized into four areas charged with developing projects related to the environment, ecology, physiology of animals, sports and exercise and health sciences.

Biology Fields:

- [Biology](#)
- [Biochemistry](#)
- [Biomedical Sciences](#)
- [Exercise Biology](#)
- [Genetics](#)
- [Health Science](#)
- [Human Biology](#)
- [Marine Biology](#)

- [Neuroscience](#)
- [Zoology](#)

University of Reading (Reading, England)

Founded in 1892, the [University of Reading](#) is one of the top 20 research-intensive universities in the United Kingdom and is one of the top 200 universities in the world. UR's School of Biological Sciences has world-renowned strength in the understanding of ecological and evolutionary processes, transmission and biology of the flu virus, cardiovascular and metabolic research, statistical training and research, wild-life management, conservation and floral biodiversity.

Biology Fields:

- [Biology](#)
- [Biomedical Sciences](#)
- [Biochemistry](#)
- [Microbiology](#)
- [Molecular Biology](#)
- [Neuroscience](#)
- [Oceanography](#)
- [Psychobiology](#)
- [Zoology](#)

Maynooth University (Dublin, Ireland)

[Maynooth University](#) is the second oldest university in Ireland, having been established in 1795 as St. Patrick's College, Maynooth. The university is recognized by the Department of Education and Skills, Ireland. At Maynooth, third and fourth year Biology majors can choose from a range of Biological and Biomedical Science topics depending on their qualifications and preferences.

Biology Fields:

- [Biology](#)
- [Biochemistry](#)
- [Health Science](#)
- [Human Biology](#)
- [Microbiology](#)
- [Molecular Biology](#)
- [Physiology](#)
- [Zoology](#)

University College Dublin (Dublin, Ireland)

Located at the heart of the Belfield campus at the [University College Dublin](#) (UCD), the School of Biology and Environmental Science is the largest teaching and research center for biology in the Republic of Ireland. With undergraduate programs in Plant Biology, Cell and Molecular Biology, Environmental Biology, and Zoology, students have a wide range of courses to choose from at UCD.

Biology Fields:

- [Biology](#)
- [Biochemistry](#)
- [Genetics](#)
- [Human Biology](#)
- [Molecular Biology](#)
- [Zoology](#)

Other Regional Options:

- [King's College London](#) – London, England
- [Kingston University](#) – London, England
- [Queen Mary, University of London](#) – London, England
- [University of Westminster](#) – London, England
- [The American College of Greece](#) – Athens, Greece
- [National University of Ireland, Galway](#) – Galway, Ireland
- [University of Limerick](#) – Limerick, Ireland
- [Vrije Universiteit Amsterdam](#) – Amsterdam, The Netherlands
- [University of Glasgow](#) – Glasgow, Scotland
- [University of Stirling](#) – Stirling, Scotland
 - Host University [Internship](#) Offered (summer)
- [Universidad Carlos III de Madrid](#) – Madrid, Spain
- [Universidad de Salamanca](#) – Salamanca, Spain (courses in Spanish)
- [Universidad Católica de Valencia](#) – Valencia, Spain
 - Host University [Internship](#) Offered
- [Universitat Politècnica de València](#) – Valencia, Spain

LATIN AMERICA

Universidad Veritas (San José, Costa Rica)

The [Universidad Veritas](#) was founded in 1975 as the Collegium Veritas, a college of the Universidad Autónoma de Centroamérica, the first private university in Costa Rica. Veritas University is now an independent private university, fully accredited by the Costa Rican Ministry of Education and authorized by the National Council of Private Higher Education (Consejo Nacional de Enseñanza Superior Privada, or CONESUP). Veritas offers numerous courses, taught in English, in the fields of Environmental Science and Health & Human Development.

Biology Fields:

- [Biology](#)
- [Biomedical Sciences](#)
- [Ecology](#)
- [Environmental Science](#)
- [Environmental Sustainability](#)
- [Health Science](#)
- [Marine Biology](#)
- [Psychobiology](#)

Other Regional Options:

- [Universidad de Belgrano](#) – Buenos Aires, Argentina (courses in Spanish)
- [Pontificia Universidad Católica de Valparaíso](#) – Valparaíso, Chile (courses in Spanish)
- [Universidad del Norte](#) – Barranquilla, Colombia (courses in Spanish)
- [Universidad Latina](#) – Heredia, Costa Rica (courses in Spanish)

PACIFIC

University of Queensland (Brisbane, Australia)

The School of Biological Sciences at the [University of Queensland](#) is situated on the St. Lucia campus in Brisbane and is part of the Faculty of Science. University faculty conducts research in evolution, global change biology, ecology, aquaculture, behavior, physiology, entomology, zoology, botany, genomics, development and conservation biology. World-class infrastructure, proximity to stunning habitats and biodiversity, and a tropical-subtropical location contribute to UQ's unique working environment. [Cricos Code: 00025B]

Biology Fields:

- [Biology](#)
- [Biomedical Sciences](#)
- [Ecology](#)
- [Environmental Science](#)
- [Molecular Biology](#)

University of Sydney (Sydney, Australia)

The School of Biological Sciences at the [University of Sydney](#) offers undergraduate courses in physiology, ecology, evolution, taxonomy, cell biology, and molecular biology and genetics. The range of environmental (marine, freshwater, terrestrial) and taxonomic (protistan, plant, fungal and animal) diversity within these fields is one of the strengths of the School. [Cricos Code: 00026A]

The University of Sydney offers an [internship](#) opportunity in Environmental Studies.

Biology Fields:

- [Biology](#)
- [Biomedical Sciences](#)
- [Human Biology](#)
- [Marine Biology](#)
- [Molecular Biology](#)

James Cook University (Townsville, Australia)

As part of the Division of Tropical Environments and Societies, the College of Marine and Environmental Sciences at [James Cook University](#) promotes and supports quality teaching and research in the areas of Marine Biology; Environment, Geography and Sustainability; Aquaculture and Fisheries; and Terrestrial Ecosystems. [Cricos Code: 00117J]

Biology Fields:

- [Animal Science](#)
- [Environmental Science](#)
- [Ecology](#)
- [Marine Biology](#)

University of Auckland (Auckland, New Zealand)

The School of Biological Sciences at the [University of Auckland](#) collaborates closely with several leading research centers and hosts the Centres for Genomics and Proteomics, for Biodiversity and Biosecurity, for Microbial Innovation and the Bioinformatics Institute. The Institute for Innovation in Biotechnology operated the first dedicated bio-incubator in New Zealand and includes companies representing a broad spectrum of the bio-industry.

Biology Fields:

- [Biology](#)
- [Biomedical Sciences](#)
- [Environmental Science](#)
- [Genetics](#)
- [Human Biology](#)
- [Marine Biology](#)
- [Microbiology](#)
- [Molecular Biology](#)

University of Canterbury (Christchurch, New Zealand)

The [University of Canterbury's](#) School of Biological Sciences is ranked among the best in the country (Performance Based Research Fund 2013). There are a handful of courses from Antarctic Studies that students can choose from. Dynamic teams are leading research in a wide range of biological disciplines, from understanding nutrient flows and food webs across terrestrial-freshwater-marine ecosystems to investigating the amazingly good eyesight of jumping spiders. The university's state of the art research building is packed full of equipment to help measure, manipulate, visualize and quantify the living world around us.

Biology Fields:

- [Antarctic Studies](#)
- [Biology](#)
- [Biochemistry](#)
- [Environmental Science](#)
- [Human Biology](#)
- [Marine Biology](#)
- [Microbiology](#)
- [Molecular Biology](#)
- [Neuroscience](#)

University of Otago (Dunedin, New Zealand)

The oldest university in New Zealand, the [University of Otago](#) has a strong research emphasis and many of its programs focus on nature-related sciences, including Geology, Marine Science, Ecology, Botany, and Zoology. Uniquely placed, Otago offers a range of sites for field-based studies in the biological and environmental sciences.

Biology Fields:

- [Biology](#)
- [Biochemistry](#)
- [Biomedical Sciences](#)
- [Botany](#)
- [Environmental Science](#)
- [Human Biology](#)
- [Marine Biology](#)
- [Microbiology](#)
- [Molecular Biology](#)
- [Neuroscience](#)
- [Zoology](#)

Other Regional Options:

- [Queensland University of Technology](#) – Brisbane, Australia
- [Griffith University](#) – Gold Coast, Australia
 - Host University [Internship](#) Offered
- [La Trobe University](#) – Melbourne, Australia
- [University of Melbourne](#) – Melbourne, Australia
- [University of Newcastle](#) – Newcastle, Australia
- [Macquarie University](#) – Sydney, Australia
- [University of New South Wales](#) – Sydney, Australia
- [University of Technology Sydney](#) – Sydney, Australia

- [University of the South Pacific](#) – Suva, Fiji
- [AUT University](#) – Auckland, New Zealand
 - Host University [Internship](#) Offered