Listed below are popular areas of study and sample courses. This is not a comprehensive list. To view more majors and courses, visit our website at [www.BCAStudyAbroad.org](http://www.BCAStudyAbroad.org).

<table>
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<th>Popular Areas of Study</th>
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<td>• Biochemistry</td>
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<td>• Zoology</td>
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**BELGIUM: BRUSSELS**
**VESALIUS COLLEGE**

**Mathematics**  
- Methods: Mathematics for Business and Economics  
- Financial Mathematics

**Statistics**  
- Quantitative Methods  
- Methods: Statistics for Business and Economics

**ECUADOR: QUITO**
**UNIVERSIDAD DE SAN FRANCISCO DE QUITO**

**Biology**  
- General Botany  
- General Zoology  
- Applied Microbiology  
- Evolution

**Chemistry**  
- Fundamentals of Organic Chemistry  
- Analytical Chemistry  
- Physical Chemistry  
- Advanced Organic Chemistry  
- Chemistry of Coordination Compounds

**Physics**  
- Optics and Waves  
- Mathematical Methods for Physics  
- Thermodynamics and Intro to Fluid Mechanics  
- Modern Physics I  
- Classical Mechanics  
- Experimental Physics I

**GERMANY: MARBURG**
**PHILIPPS-UNIVERSITAT**

**Biology**  
- Corporate Governance  
- Decision, Financing and Investment  
- Fundamentals of Finance  
- Marketing Management and Instruments  
- Business Intelligence

**Chemistry**  
- Intro to General and Inorganic Chemistry  
- Bioorganic Chemistry  
- Organic Reaction Mechanisms

**Physics**  
- Mechanics  
- Optics and Quantum Phenomena  
- Semiconductor Physics and Semiconductor Devices  
- Classical Field Theory and Statistical Physics  
- Solid State Physics

**GREECE: ATHENS**
**COLLEGE YEAR IN ATHENS**

**Environmental Studies**  
- The Natural Environment of Greece: From Landscape Ecology to Conservation  
- Urban Sustainability: Theory and Case Studies in Greece

**INDIA: CHENNAI**
**MADRAS CHRISTIAN COLLEGE**

**Chemistry**  
- Chemistry in Every-Day Life  
- Organo-Oxygen Chemistry  
- Chemistry of Non-Metals  
- Biological Chemistry  
- Nuclear Chemistry  
- Classical Thermodynamics  
- Physical methods and Chemical Constitution  
- Introduction to Nanochemistry

**IRELAND: DUBLIN**
**MAYNOOTH UNIVERSITY**

**Biology**  
- Molecular Biology of the Cell  
- Evolutionary Biology  
- Plant Biotechnology  
- Clinical Proteomics: Discovery, Validation, and Medical Utility  
- Microbiology

**Electronic Engineering**  
- Computing for Engineers  
- Object-Oriented Programming  
- Solid State Electronics  
- Digital Signal Processing
IRELAND: DUBLIN (CONTINUED)
MAYNOOTH UNIVERSITY

Mathematics
• Calculus IV
• Elementary Number Theory
• Rings and Fields
• Ordinary Differential Equations

Physics
• Astronomy and Quantum Physics
• Thermal and Statistical Physics
• Programming for Physics
• Computational Optics

MEXICO: XALAPA
UNIVERSITY OF VERACRUZ

Biology
• General Ecology
• Evolution and Paleobiology

NEW ZEALAND: DUNEDIN
UNIVERSITY OF OTAGO

Chemistry
• Organic Chemistry
• Environmental Chemistry
• Biological Chemistry
• Physical Chemistry
• Forensic Chemistry

Environmental Management
• Resource Evaluation and Planning
• Field Research Methods
• Climate Change: Present and Future
• Plants, People and the Environment
• Environmental Management

Geology
• Minerals and Rocks
• Geophysics of the Earth
• Fossils, Strata and Hydrocarbon Basins
• Metamorphism and Metamorphic Mineralization
• Hydrogeology and Environmental Geochemistry

Physics
• Quantum and Thermal Physics
• Electromagnetism and Optics
• Quantum, Atomic and Particle Physics

SPAIN: BARCELONA
UNIVERSITY OF BARCELONA

Biology
• Cytology and Histology
• Structural Biochemistry
• Zoology
• Microbiology
• Molecular Genetics

Environmental Science
• Environmental Law
• Chemistry of Aquatic Systems
• Geology
• Animal Biology
• Physical Geography and Weather

Physics
• Vector Calculus and Differential Equations
• Fundamentals of Electromagnetics and Optics
• Astronomy
• Electromagnetism

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www.BCAStudyAbroad.org