



PHYSICS & ENGINEERING PROGRAMS

A GUIDE TO STUDY ABROAD

Physics majors are encouraged to complete a study abroad experience as part of their degree program. This guide is designed to introduce you to the opportunities that studying abroad brings to your major. A full list of study abroad programs is available on the CGE website: <http://bit.ly/FeaturedProgramsPage>.

MAJOR SPECIFIC CONSIDERATIONS:

- While Physics majors are not required to study abroad, it is highly encouraged.

STUDY ABROAD CAN HELP YOU

- Apply concepts learned in class by making connections to the greater world.
- Strengthen your understanding of yourself and challenge your perceptions of the world.
- Enhance employment opportunities by providing real-life experience and adaptability.
- Increase your skills and knowledge while earning academic credit.

FINANCIAL SUPPORT

- Use federal, state, and other financial aid. i.e. Pell, Hope/Zell
- Institutional and national study abroad scholarships available
- CGE/NCS provide assistance in researching and applying for funding sources

COST COMPARISON*

Cost of a summer at UNG: \$6,000-10,000 vs
Cost of a summer abroad: \$6,000-\$12,000

Cost of a semester at UNG: \$14,000-20,000 vs
Cost of a semester abroad: \$11,000-\$30,000

***Cost estimates include: tuition, fees, housing, meals, travel, and insurance. Costs are subject to change.**

HOW DO I GET STARTED?

1: Plan Early! Investigate Programs

This brochure is a starting point. Check the [CGE website](#) for more programs and information.

2: Speak with an Education Abroad Advisor

Education Abroad Advisors are professional staff members that can assist you with the study abroad process. You can schedule a [meeting online](#).

3: Speak with a Professional/Faculty Advisor

Discuss how the program fits into your academic plan. You can find your academic advisor on the [Tranguid in Banner](#).

4: Research Funding

Funding opportunities can be found through the following:

- Financial Aid Office
- Nationally Competitive Scholarships Office
- Center for Global Engagement's Webpage

5: Apply!

6: Pack your bags!



Europe:

JOHN CABOT UNIVERSITY

- 📍 **Location:** Rome, Italy
- 📅 **Program Length:** 4 weeks (Summer)
- 📖 **Credits:** 3-6 credit hours (3-6 credit hours in summer)
- 📚 **Sample Courses:** Statics, Mechanics of Materials, Mechanics and Machines, Thermodynamics, Fluid Mechanics, Microcontroller Programming and Applications, Electrical Engineering I: Basic Circuits, Engineering Dynamics
- 💰 **Price Range:** \$10,000-\$12,000

ABERYSTWYTH UNIVERSITY

- 📍 **Location:** Aberystwyth, Wales
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-15 credit hours
- 📚 **Sample Courses:** Introduction to Fundamentals of Physics I/II, Introduction to Laboratory Physics, Laboratory Techniques for Experimental Physics, Introduction to Mathematical Methods for Physicists, Forces and Energy, Astronomy, Energy and the Environment, Thermodynamics, Electricity and Magnetism
- 💰 **Price Range:** \$15,000-17,000

ISEP: AMERICAN UNIVERSITY IN BULGARIA

- 📍 **Location:** Blagoevgrad, Bulgaria
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-15 credit hours
- 📚 **Sample Courses:** Mechanics and Thermodynamics, Electromagnetism, Relativity, and Quantum Physics, Astronomy, Classical Mechanics, Theory of Electromagnetism, Quantum Physics, Cosmology and Astrophysics
- 💰 **Price Range:** \$15,000-17,000 (exchange)

ISEP: UNIVERSITY COLLEGE CORK

- 📍 **Location:** Cork, Ireland
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-15 credit hours
- 📚 **Sample Courses:** Introductory Physics I/II with lab, Classical Mechanics, Introduction to Quantum Physics, Electrostatics and Magnetostatics, Introduction to Thermodynamics and Statistical Physics, Introduction to Computational Physics
- 💰 **Price Range:** \$22,500-24,500 (direct)

CIEE: ARTS + SCIENCES (UNIVERSITY COLLEGE DUBLIN)

- 📍 **Location:** Dublin, Ireland
- 📅 **Program Length:** Semester
- 📖 **Credits:** 15-18 credit hours
- 📚 **Sample Courses:** Foundations of Physics; Theoretical Physics; Mechanics of Solids; Energy Engineering; Astronomy & Space Science; Physics for Engineers I/II; Fields, Waves and Light; Classical Mechanics and Relativity; Electromagnetism; Quantum Mechanics; Nuclear Physics
- 💰 **Price Range:** \$29,000-31,000

WORLDSTRIDES: SEMESTER AT UNIVERSITY OF GALWAY

- 📍 **Location:** Galway, Ireland
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-18 credit hours
- 📚 **Sample Courses:** Astrophysical Concepts, Electricity, Magnetism & Electrical Circuits, Physics, Physics of the Environment I, Quantum Physics, Wave Optics
- 💰 **Price Range:** \$28,000-30,000

Asia/The Pacific:

SOGANG UNIVERSITY

- 📍 **Location:** Seoul, South Korea
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-15 credit hours
- 📚 **Sample Courses:** General Physics I with lab, Mechanics I, Electromagnetism I/II, Mathematical Physics I, Solid State Physics I, Modern Optics I, Classical Physics I
- 💰 **Price Range:** \$11,000-13,000 (direct)

ISEP: UNIVERSITY OF AUCKLAND

- 📍 **Location:** Auckland, New Zealand
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-15 credit hours
- 📚 **Sample Courses:** Models and Reality, Classical and Thermal Physics, Electromagnetism, Relativity and Quantum Physics, Fluid Mechanics, Quantum Mechanics, Particle Physics and Astrophysics
- 💰 **Price Range:** \$22,000-24,000 (direct)

ISEP: LA TROBE UNIVERSITY

- 📍 **Location:** Melbourne, Australia
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-15 credit hours
- 📚 **Sample Courses:** Advanced Analytical Techniques, Advanced Electrodynamics, Advanced Physics Lab, Advanced Physics of Quantum Matter, Advanced Quantum Mechanics, Astronomy and Space, Classical Physics
- 💰 **Price Range:** \$15,000-17,000 (exchange) or \$20,000-21,000 (direct)

The Americas:

CIEE: OPEN CAMPUS BLOCK

- 📍 **Location:** Monteverde, Costa Rica or Merida, Mexico
- 📅 **Program Length:** Semester (made up of three 6-week blocks)
- 📖 **Credits:** 6 credit hours per block
- 📚 **Sample Courses:** Calculus I, General Physics I with lab, Statistics
- 💰 **Price Range:** \$4,000-6,000 per 6-week block

WORLDSTRIDES: SEMESTER AT PONTIFICIA UNIVERSIDAD CATÓLICA DEL PERÚ

- 📍 **Location:** Lima, Peru
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-16 credit hours
- 📚 **Sample Courses:** Advanced Dynamics, Introduction to Aeronautical Engineering, Fundamentals of Environmental Engineering, Sustainable Energy
- 💰 **Price Range:** \$19,000-21,000

The Middle East:

ISEP: AMERICAN UNIVERSITY OF SHARJAH

- 📍 **Location:** Sharjah, United Arab Emirates
- 📅 **Program Length:** Semester
- 📖 **Credits:** 12-15 credit hours
- 📚 **Sample Courses:** Conceptual Physics, General Physics I/II and lab, Astronomy, Intro to Astrophysics, Modern Physics, Classical Mechanics, Electromagnetic Theory
- 💰 **Price Range:** \$15,000-17,000 (exchange) or \$22,000-24,000 (direct)

Programs may not be available every year.

