



MATHEMATICS MAJOR

A GUIDE TO STUDY ABROAD

Math 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 Math 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:

ABERYSTWYTH UNIVERSITY

- 📍 **Location:** Aberystwyth, Wales
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Differential Equations, Statistics, Introduction to Numerical Analysis and its applications, Norms and Differential Equations, Theory of Elasticity, Linear Statistical Models, Group Theory
- 💰 **Price Range:** \$15,000-17,000

ISEP: UNIVERSITY OF ESSEX

- 📍 **Location:** Colchester, England
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Statistics I/II, Discrete Mathematics, Mathematical and Computational Modelling, Linear Algebra, Ordinary Differential Equations, Abstract Algebra, Numerical Methods, Vector Calculus, Group Theory
- 💰 **Price Range:** \$15,000-17,000 (exchange) or \$20,500-22,500 (direct)

ISEP: AMERICAN UNIVERSITY IN BULGARIA

- 📍 **Location:** Blagoevgrad, Bulgaria
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Mathematical Statistics, Introduction to Abstract Algebra, Multivariate Calculus and Geometry, Introduction to Differential Equations, Numerical Analysis, Advanced Linear Algebra, Complex Analysis
- 💰 **Price Range:** \$15,000-17,000 (exchange)

ISEP: JOHANNES KEPLER UNIVERSITÄT LINZ

- 📍 **Location:** Linz, Austria
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Algorithms and Data Structures, Algebra and Discrete Mathematics, Numerical Analysis, Linear Algebra, Statistical Methods, Stochastic Processes, Complex Analysis, Geometry, Groebner Bases
- 💰 **Price Range:** \$15,000-17,000 (exchange)

CIEE: ARTS AND SCIENCES (TRINITY COLLEGE DUBLIN)

- 📍 **Location:** Dublin, Ireland
- 📅 **Program Length:** Semester
- 📊 **Credits:** 15-18 credit hours
- 📖 **Sample Courses:** Advanced Calculus, Linear Algebra II, Numerical and Data Analysis Techniques, Complex Analysis, Group Representations, Introduction to Algebraic Geometry, Functional Analysis II, Partial Differential Equations,
- 💰 **Price Range:** \$32,000-34,000

WORLDSTRIDES: SEMESTER AT UNIVERSITY OF GLASGOW

- 📍 **Location:** Glasgow, Scotland
- 📅 **Program Length:** Semester
- 📊 **Credits:** 15 credit hours
- 📖 **Sample Courses:** Introduction to Calculus; Introduction to Algebra, Geometry & Networks; Multivariable Calculus; Linear Algebra; Introduction to Real Analysis; Graphs and Networks; Mathematical Methods and Modelling; Mechanics; Groups, Transformations and Symmetries; Topics in Discrete Mathematics
- 💰 **Price Range:** \$31,500-33,500

WORLDSTRIDES: SEMESTER AT VRIJE UNIVERSITEIT AMSTERDAM

- 📍 **Location:** Amsterdam, The Netherlands
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Analysis I, Multivariable Calculus, Discrete Mathematics, Linear Algebra, Probability and Statistics, Analysis II and Mathematical Reasoning, Business Statistics, Applied Analysis: Financial Mathematics, Complex Analysis, Dynamics and Computation, Group Theory, Partial Differential Equations, Statistics
- 💰 **Price Range:** \$27,000-29,000

Asia/The Pacific:

ISEP: LA TROBE UNIVERSITY

- 📍 **Location:** Melbourne, Australia
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Analysis of Real Numbers and Functions, Calculus and Differential Equations, Complex Analysis, Computation and Simulation, Discrete Mathematics, Linear Algebra
- 💰 **Price Range:** \$16,000-18,000 (exchange) or \$21,000-23,000 (direct)

ISEP: UNIVERSITY OF AUCKLAND

- 📍 **Location:** Auckland, New Zealand
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Algebra and Calculus 1-3, Differential Equations, Numerical Computation, Mathematical Logic, Algebraic Structures, Algebra and Applications, Real Analysis, Algebraic Geometry, Partial Differential Equations
- 💰 **Price Range:** \$20,500-22,500 (direct)

Africa:

WORLDSTRIDES: SEMESTER AT UNIVERSITY OF THE WESTERN CAPE

- 📍 **Location:** Cape Town, South Africa
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Applied Statistical Modelling, Decision Theory and GLM, Introductory Statistics, Linear Models, Nonlinear Dynamics, Numerical Analysis and Scientific Computing, Numerical Methods, Statistical Theory and Inference, Advanced Calculus, Introductory Algebra, Linear Algebra, Differential Equations, Real Analysis
- 💰 **Price Range:** \$20,500-21,500

The Middle East:

ISEP: AMERICAN UNIVERSITY OF SHARJAH

- 📍 **Location:** Sharjah, United Arab Emirates
- 📅 **Program Length:** Semester
- 📊 **Credits:** 12-15 credit hours
- 📖 **Sample Courses:** Calculus I/III, Differential Equations, Discrete Mathematics, Linear Algebra, Intermediate Analysis, Number Theory: Its Applications, Abstract Algebra I, Numerical Analysis I, Introduction to Probability
- 💰 **Price Range:** \$15,000-17,000 (exchange) or \$22,000-24,000 (direct)

Programs may not be available every year.

