Study Abroad for Mathematics

NORTH CENTRAL COLLEGE
NAPERVILLE, ILLINOIS
Founded 1861

Notable Programs

Eleven of North Central College's 50+ programs abroad offer mathematics courses to students studying abroad.

Some of our notable mathematics programs include:

University of Birmingham (England)
University of Dundee (Scotland)
University of Glasgow (Scotland)
University of Leicester (England)

Mathematics majors can also study at:

University of Bristol (England)
DEREE, The American College of Greece
University of Essex (England)
University of Limerick (Ireland)
Linnaeus University (Sweden)
Macquarie University (Australia)
NCC-in-China/Japan
NCC-in-Costa Rica*
Yonsei University (South Korea)

*Internships available in various fields

NCC 2013-2014 Study Abroad Ambassador and mathematics major, **Julien Milcent,** studied abroad at Limerick University in Ireland, Fall term 2012

Follow us!

Contact Us

If you have questions or would like to set up an appointment with a study abroad advisor, please call (630) 637-5132 or visit us at Abe House at Abe House (48 E. Jefferson, next to the bookstore).

"I learned so much about the country of Ireland and myself during my Study Abroad experience. Studying Abroad allowed me to reevaluate my goals in life and I am more determined than ever."

Julien Milcent, University of Limerick, Fall 2012

Apply to study abroad

NCC applications for **fall term** programs due:

January 31st

Benefits of studying abroad as a mathematics major:

- Develop skills that enable you to compete in a global market
- Set yourself apart: about 1.8% of all mathematics majors in the U.S. study abroad
- Opportunities to intern in various fields
- Complete a Richter and do research abroad
- Take unique courses that are not offered at NCC
- Courses are taught in English
- Keep your NCC financial aid
- Take 12-15 credits each term
- Study abroad for a term, year, or summer
- All courses come back as NCC credit
- Explore new places

University of Birmingham (England)

Applied Mathematics
Analytical Techniques I & II
Mathematical Finance
Symmetry and Groups
Nonlinear Programming
Introduction to Operation Management
Polynomials, Rings and Metric Spaces
http://www.birmingham.ac.uk/undergraduate/studyabroad/modules-new.aspx

University of Bristol (England)

Only year-long courses available
http://www.bristol.ac.uk/esu/unitprogcat/AboutUnits.jsa?ayrCode=16%2F17

DEREE, The American College of Greece

Minimal mathematics course options
http://www.acg.edu/schedule-courses

University of Dundee (Scotland)

Statistics and Discrete Mathematics
Differential Equations
Mathematical Methods
Analysis
Operational Research
Complex Analysis
Graph Theory
Contact OIP for complete course list

University of Essex (England)

Calculus
Applied Mathematics
Statistics
Linear Mathematics
Introduction to Computing
Financial Mathematics
Discrete Mathematics
Linear Algebra
Probability and Statistics
Introduction to Numerical Methods
Ordinary Differential Equations
Experimental Design
Graph Theory
http://www.essex.ac.uk/modules/

University of Glasgow (Scotland)

Multivariable Calculus
Linear Algebra
Topics in Applied Mathematics

Glasgow continued:

Topics in Linear Algebra and Calculus
Introduction to Real Analysis
Foundations of Pure Mathematics
Financial Modeling
Topics in Discrete Mathematics
Finite Mathematics
Mathematical Methods
Introductory Analysis
Complex Methods
Dynamical Systems
Writing and Presenting Mathematics
http://www.gla.ac.uk/coursecatalogue/

University of Leicester (England)

Introduction to Newtonian Dynamics
Mathematics and Society
Plane Geometry
Differential Equations and Dynamics
Vector Calculus and Applications
Investigations in Mathematics
Business Applications of Mathematics
Introduction to Actuarial Mathematics
Curves and Surfaces
History of Mathematics
http://www2.le.ac.uk/offices/international/overseas-exchange/incoming/modules-for-2015-16-by-department/courses-modules-available-for-2015-16

Linnaeus University (Sweden)

All courses are 7.5 credits each
Analytic Functions
Integral Equations
Mathematical Modeling I & II
Multivariable Calculus and Vector Calculus
Probability Theory and Statistics
Stochastic Analysis
Topology
https://lnu.se/en/education/exchange-studies/courses-and-programmes-for-exchange-students/

Macquarie University (Australia)

Discrete Mathematics I
Nonlinear Dynamics and Chaos
Partial Differential Equations
Real and Functional Analysis
http:/www.handbook.mq.edu.au/2016/Units/UGByCode

Please Note:

The courses listed under each university are only a **small selection** of mathematics courses available to study abroad students. Please visit each university's website to see a full list of available courses.

University of Limerick (Ireland)

Foundation Mathematics
Foundation Engineering Mathematics
Experimental Design
Applied Statistics
Business Mathematics
Advanced Data Modeling
Applied Statistics for Accounting
Chemometrics
Mathematical Geoscience
http://www.ul.ie/international/en/home/study-at-ul/study-abroad/

Yonsei University (S. Korea)

Differential Geometry
Linear Algebra
Discrete Mathematics
Ordinary Differential Equations
Probability Theory
Analysis
General Topology
Financial Mathematics
Theory of Mathematical Education
http://oia.yonsei.ac.kr/intstd/exCourse.asp

Mathematics major, Jack Ryan, with friends during his study abroad in Glasgow, Scotland fall 2014.