

Mathematics

Study Away Opportunities



View of the city of Budapest

Hungry - Budapest Semesters in Mathematics

City: Budapest

Language: English

Through this program, mathematics POEs in their junior/senior years may spend fall, spring or summer semester in Budapest and study under the tutelage of eminent Hungarian scholar-teachers. The instructors of BSM are members of Eötvös University, the Mathematical Institute of the Hungarian Academy of Sciences, and Budapest University of Technology and Economics, the three institutions known for having educated more than half of Hungary's highly acclaimed mathematicians.

Sample Classes:

- Introduction to Mathematical Cryptography
- Set Theory
- Differential Geometry

Taiwan - National Chiao Tung University

City: Hsinchu

Language: English and Chinese

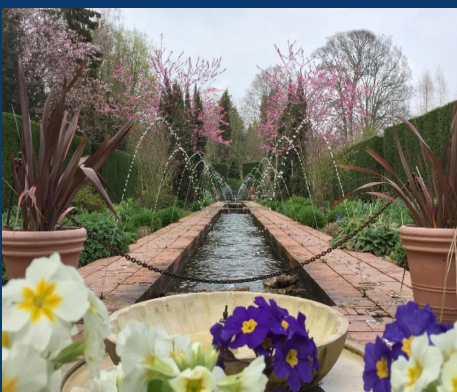
NCTU has an increasingly internationalized campus and has attracted students from more than 40 countries. To date NCTU has entered into nearly 300 international collaboration agreements, including dual degree programs, sister universities, and joint research projects. English-taught courses are offered in all nine colleges, while Chinese language courses are available for international students free of charge.

Sample Classes:

- Vector Calculus
- Probability Theory
- Advanced Statistics



NCTU school motto “飲水思源” monument



Roundhay Park in Leeds, taken by Trey Mathews '16

United Kingdom - University of Leeds

City: Leeds

Language: English

The University of Leeds, established in 1904, is one of the largest higher education institutions in the UK. It is a world top 100 university and is renowned globally for the quality of our teaching and research. The faculty's academic expertise combined with the breadth of disciplines covered provides a wealth of opportunities and has real impact on the world in cultural, economic and societal ways.

Sample Classes:

- Art, Architecture, and Math
- Intro to Optimization
- From Trauma to Cultural Memory

Australia - University of Newcastle

City: Newcastle and Ourimbah

Language: *English*

The University of Newcastle is a large, public university on the South-East coast of Australia in the state of New South Wales. With about 30,000 students enrolled in Newcastle's over 150 undergraduate and graduate programs, this is a great location for students who want to experience the environment and atmosphere of a large university.

Sample Classes:

- Combinatorics and Graph Theory
- Applied Statistics
- Linear Algebra



Newcastle, Australia , taken by Zane Clarke '16



Photo of Lille Catholic University

France - Lille Catholic University

City: Lille

Language: *French and English*

L' Université Catholique de Lille is a private not for profit university founded 1875 has an urban campus and located in the heart of the city, within easy walking distance of the city's cultural and commercial centre. The university hosts a population of 25,500 full-time students. It offers a comprehensive education with 40 graduate and 120 undergraduate programs.

Sample Classes:

- Advanced Math: Stats
- Numerical Analysis
- Inferential Statistics

Germany - Philipps-Universität Marburg

City: Marburg

Language: *English and German*

Philipps-Universität in Marburg is not only a German university steeped in tradition, but is also the oldest university in the world that was founded as a Protestant institution. It has been a place of research and teaching for nearly five centuries. The Department of Mathematics is located in the Lahn Hills, only six kilometers from the city center, so there is no shortage of culture or activities outside of academics.

Sample Classes:

- Multivariable Methods
- Descriptive Statistics
- Inductive Statistics



Photo of Marburg

Study Abroad 101 Info Sessions are held **Wednesdays at 4pm @ the Oller Center Patio**

Questions? Email studyabroad@juniata.edu

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