

Study Away Options For MATHEMATICS MAJORS

The following is a list of programs which offer Mathematics courses. Mathematics students have a choice to study abroad for a summer, semester, or academic year. To determine the best time to go abroad, consult your academic advisor. Additionally, short term faculty-led programs may be offered with specific WSU Mathematics coursework for 3-6 credits and vary term to term.

This list is not meant to be exhaustive, but only a sampling of programs that highlight this major. For a complete list of approved program offerings, please see <https://www.winona.edu/studyabroad/>

Asia

South Korea

Seoul - [Chung-Ang University - Exchange](#)

Chung-Ang University is a private institution with 30,000 students and 982 faculty members. Established in 1918, CAU has taken a leading role in nurturing Korean students as well as international students. A few of the mathematical courses offered are Engineering Mathematics & Exercise, Integrative Applied Mathematics, Linear Algebra, and more.

Europe

Czech Republic

Prague - [CEA Prague, Czech Republic- Engineering & Math](#)

Study in a city with the reputation of being one of the most beautiful cities in the world. The city is filled with cathedrals and century old bridges. Mathematical courses offered in this program offered include Calculus, Differential Equations, Engineering Statistics, and Linear Algebra.

Iceland

Reykjavik - [API Semester in Reykjavik](#)

Students who study abroad in Reykjavik, Iceland will be able to directly enroll with Icelandic and other international students. Some courses include Design and Analysis of Algorithms, Applied Statistics, and Applied Probability.

Ireland

Belfast - [Queen's University Exchange](#)

Study at Queen's University – the 9th oldest university in the UK with a reputation for excellence. Some potential courses include Linear Models, Statistical Inference, Methods of Operational Research, and more.

Italy

Rome - [SAI Programs - John Cabot University](#)

JCU is an American university located in the historic Trastevere section of Rome; from this vantage, the splendors of the city are within walking distance. Some courses include Finite Mathematics, Algebra, and Calculus.

Scotland

Aberdeen - [University of Aberdeen Exchange](#)

The University of Aberdeen is a public research university in Aberdeen, Scotland. Some possible courses include Calculus, Combinatorics, Set Theory, and more.

Oceania

Australia

Adelaide - [IFSA Butler Adelaide University](#) - The University of Adelaide is located right in the heart of the city of Adelaide, which was recently called "Australia's best kept secret" thanks to its great weather, never-ending festivals, food and wine culture and affordability. The university is one of Australia's oldest, with "Harry Potter style" sandstone buildings with abundant STEM offerings. Students can focus exclusively on your selected track or choose courses in other departments. Take classes in their three mathematics departments: Applied Mathematics, Pure Mathematics and Mathematical Sciences.

FACULTY-LED PROGRAMS

Faculty-led programs are short-term study abroad programs led by WSU faculty. These programs take place over breaks (winter, spring, or summer) and students earn 3-6 WSU credits. The following faculty-led programs are recommended for students in this major.

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Europe

England

London - [Mathematical History of England](#)

3 credits for MATH 307 Takes place during Spring Break (9-11 days in March) Students will study a broad range of historical mathematical contributions from England, from the development of calendars (Stonehenge) to the development of Calculus (Newton), to the breaking the Enigma code during WWII (Bletchley Park).

Germany

Berlin - [Berlin: Shifting the Paradigm](#)

6 credits in ART 313 and ART 398 Take place during Summer (14-17 days in May/June) Students will explore Berlin and its transformation through the lens of messaging that Germany used to shift the paradigm following the Nazi Regime with an incorporated critique of white supremacy and ethnic cleansing

Poland

Krakow, Warsaw - [Economics of Poland](#)

3 credits for BUSA 377 Takes place during Summer (14-16 days in May) Students will learn, through studying theories and through practical experiences, the concepts relative to international aspects of economics.

North America

United States

New York - [Wall Street and Main Street: New York City](#)

3 credits for FIN 311 Takes place during Spring Break (9-11 days in March) Students will visit financial institutions, corporations, and other relevant cultural locations as they study monetary policy, securities training, financial management, and the money management industry.

Jamaica

Kingston - [Child Welfare, Health Systems and Social Justice](#)

3 credits for NURS 316 or SOCW 316 These courses count toward **Goal Area 8** Takes place during Winter Break (13-15 days in December/January) Students use a trans-cultural approach to learn about child welfare systems, with an emphasis on human rights, social justice, and health systems in Jamaica and US.

Oceania

New Zealand

Auckland, Christchurch, Queenstown, Wellington - [Made From Mountains: The Arts and Landscape of New Zealand](#)

3 credits for ART 313 ART 313 counts for **Goal Areas 6B and 8** Takes place during Summer (21-26 days in May/June) Students will study New Zealand art and film, reading New Zealand literature, and exploring how the physical landscape itself so profoundly shaped ideas of what it meant to be from these remote South Pacific islands

INTERNSHIPS

Interning abroad is an exciting opportunity to gain valuable cross-cultural work experience, understand international perspectives in your field, and live in another country for a summer or semester. All internships are taken for credit, allowing financial aid to be used.

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BARCELONA SAE

Description of Academic Study Center (SIS) + Internship Semester Program: Located in the heart of the city, the Barcelona SAE Academic Study Center (SIS) is our most centrally located campus option. SIS boasts fantastic local and international professors, many of whom are working professionals in the field they teach. SIS maintains small class sizes and focuses on experiential learning, which means that students will get individualized attention and will participate actively during class. Each course includes a variety of field studies, museum visits, and guided reflection that closely tie the courses to the city itself.

Academic Study Center (SIS) + Internship Semester Program	Customized Internship Program (4, 6, 8, 10, or 12 weeks)
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CIS PROGRAMS

Description of Sydney program: Develop professionally and experience the wonders of Sydney and Australia! Our Intern in Sydney program has amazing field flexibility, with internships customized to match your interests and your desired length of stay in Australia. Internships last a minimum of 8 weeks, but we encourage you to stay as long as you can to absorb the “work hard, play hard” Aussie mentality. While Australians take their workday quite seriously, they’re also serious about living the good life. Join your new friends to cheer on an Aussie Rules Football match, hang out in a local pub, or snorkel the Great Barrier Reef with other interns.

Australia: Sydney	Africa: Cape Town
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API Programs

Description of Rome program: Work with a Careers team to find an internship in Milan that supports your skillset and will put you on a path to realizing your career goals. Once you’ve applied, API’s team will work to get you interview ready with support for resume reviews and placement coaching. API interns may have the opportunity to participate in 2-3 cultural activities.

Italy: Rome	Italy: Florence
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