



Victoria '20, Costa Rica

STUDYING ABROAD AS A MATHEMATICS MAJOR

Study abroad enables mathematics students to engage in global and contemporary mathematical research, study at world-renowned universities, pursue discipline-specific research opportunities, and so much more!

MAJOR COURSES ABROAD

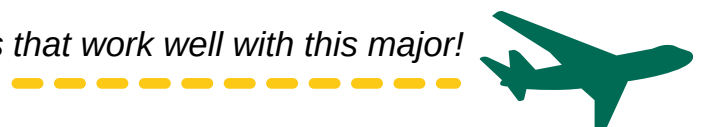
The following courses in the Mathematics major can be completed abroad:

- MATH electives (all levels)

Students should prioritize taking auxiliary courses (i.e. physics, computer science, chemistry) at Siena. Most of these courses cannot be done abroad.

Students can also complete Core requirements abroad including, *but not limited to*: CDA (Creative Arts), CDS (Social Sciences), and Franciscan Core (CFD, CFH, CFJ, CFN).

Check out possible study abroad locations that work well with this major!



STUDY ABROAD LOCATIONS

The following study abroad locations offer excellent courses for Mathematics students:

University of Glasgow (Glasgow, Scotland)

Coursework includes:

- *Mathematical Methods and Modelling*
- *Groups, Transformations and Symmetries*
- *Metric Space and Basic Topology*
- *Galois Theory*
- *Partial Differential Equations*

University College Cork (Cork, Ireland)

Coursework includes:

- *Mathematics for Engineering*
- *Multivariable Calculus*
- *Ring and Field Theory*
- *Algebraic Methods and Applications*

University of Otago (Dunedin, New Zealand)

Coursework includes:

- *Numerical Methods*
- *Mathematical Economics*
- *Modern Algebra*
- *Surveying Mathematics*

University of the South Pacific (Suva, Fiji)

Coursework includes:

- *Discrete Mathematics*
- *Real & Complex Analysis*
- *Abstract Algebra*
- *Nonlinear Dynamical Systems*
- *Advanced Calculus*

American University in Dubai (Dubai, United Arab Emirates)

Coursework includes:

- *Mathematics for the Arts*
- *Foundational Mathematics for Business*
- *Calculus for Architecture*
- *Linear Algebra*

But wait - these aren't the only options! Plenty of additional study abroad locations offer numerous courses for Mathematics students including Australia, Fiji, South Africa, South Korea, and United Kingdom.



WHAT'S NEXT?

- Visit siena.edu/studyabroad to research further opportunities for your undergraduate international experience
- Contact the Center for International Programs (Foy Hall 301, or email international@siena.edu) to chat with a study abroad advisor and begin planning!