WHAT IS A MAJOR ADVISING PAGE?

Major Advising Pages (MAP) feature education abroad programs that your department has highlighted as most appropriate for students in your discipline. Participating in a program featured on this MAP will allow you to complete coursework for your major/minor without delaying your graduation date.

HOW DO I USE THIS MAP?

Inside this MAP, you will find keys and descriptions of the various types of programs and experiences available through UK Education Abroad. Use this MAP to identify programs of interest to you that offer coursework that might fulfill some of your degree requirements or complement your studies at UK.

WHY SHOULD I BE INTERESTED IN EDUCATION ABROAD?

Education Abroad can help you...

- Globalize your world view
- Expand your problem-solving skills and intercultural understanding
- Prepare to work in an increasingly diverse and international workplace
- Enhance your sense of independence and adaptability
- Gain new insight into the world and yourself

One of the best ways to increase your knowledge in your field is to study in various cultural contexts.

READY TO GET STARTED?

As you evaluate the programs on this MAP, consider these important questions:

- Do you want to complete courses abroad, or would you prefer to complete a research project or an internship?
- Do you want to learn a language or improve your foreign language skills?
- Would you like to study abroad for a semester? An academic year? Or a shorter amount of time, such as summer or winter?
- Do you want to study abroad with other UK students, or would you prefer to study alongside local students and other international students?

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### HIGHLIGHTED PROGRAMS

**Sponsored**

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Location</th>
<th>Description</th>
<th>Terms</th>
<th>Language</th>
</tr>
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<tbody>
<tr>
<td>Engineering and Calculus IV in Karlsruhe</td>
<td>Karlsruhe, Germany</td>
<td>During this 5-week program, students will complete Calculus IV (MA 214) and EGR 196/199, through coursework and a number of company and cultural site visits. MA 114 or its equivalent is a required pre-requisite for participation on this program.</td>
<td>Term: Summer 2</td>
<td>Language: English</td>
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<tr>
<td>Massey University - Palmerston North (ISEP)</td>
<td>Palmerston, New Zealand</td>
<td>This program offers courses such as Discrete Math, Theoretical Math, Combinatorics, and many more. Students may also take courses in history, physics, biology, sociology, and more.</td>
<td>Term: Fall, Spring</td>
<td>Language: English</td>
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<tr>
<td>City University of Hong Kong - College of Science &amp; Engineering</td>
<td>Hong Kong, Hong Kong</td>
<td>Experience Chinese culture as you live and learn alongside Chinese students and other international students studying in Hong Kong. This program offers math courses such as Discrete Math, Linear Algebra, Multivariable Calculus, and many more.</td>
<td>Term: Fall, Spring</td>
<td>Language: English</td>
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<tr>
<td>National University of Ireland – Maynooth</td>
<td>Maynooth, Ireland</td>
<td>Maynooth University (MU) is located in the beautiful, historic town of Maynooth, just 15 miles west of Dublin city center. Students have access to the entire course catalogue, including courses that align with UK computer science courses.</td>
<td>Term: Fall, Spring</td>
<td>Language: English</td>
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**Exchange**

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<th>Program Name</th>
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<td>Budapest Semesters In Mathematics Education</td>
<td>Budapest, Hungary</td>
<td>This is a semester-long program in Budapest, Hungary, designed for undergraduates interested in teaching mathematics. Available courses include Problem Solving in Secondary School Math, Technology in Mathematical Problem Solving, and more.</td>
<td>Term: Fall, Spring</td>
<td>Language: English</td>
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<tr>
<td>Mahdol University (KEI)</td>
<td>Bangkok, Thailand</td>
<td>This program offers courses such as Special Functions, Boundary Value Problems, Theory of Complex Numbers, Fluid Dynamics, Set Theory, and more. Students may also complete courses in chemistry, environmental studies, humanities, and the arts, and physics.</td>
<td>Term: Fall, Spring</td>
<td>Language: English</td>
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<tr>
<td>Bluegrass Down Under: University of Newcastle (TEAN)</td>
<td>Newcastle, Australia</td>
<td>Available math courses include Linearity &amp; Continuity, Differential Equations, Logic &amp; Set Theory, Number Theory, Topology, and more. Students may also complete courses in history, sociology, cultural studies, physics, and more.</td>
<td>Term: Fall, Spring</td>
<td>Language: English</td>
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<tr>
<td>Celtic Blue: University of Glasgow (Arcadia)</td>
<td>Glasgow, Scotland</td>
<td>Available math courses include Complex Analysis, Algebraic &amp; Geometric Topology, Differential Geometry, Fluid Mechanics, Galois Theory, Analysis of Differentiation &amp; Integration, and many more. The university also offers a full complement of other courses.</td>
<td>Term: Fall, Spring</td>
<td>Language: English</td>
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<tr>
<td>Peking University (CIEE)</td>
<td>Beijing, China</td>
<td>Available math courses include Advanced Theory of Probability, Applied Stochastic Processes, Data Structures, Cryptography, Ergodic Theory, and many more. Advance your Chinese to a professional level with one-on-one tutorials and Chinese language meals with tutors and staff.</td>
<td>Term: Fall, Spring</td>
<td>Language: Chinese</td>
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<tr>
<td>University of Reading (ISA)</td>
<td>Reading, England</td>
<td>Students of this program may complete courses such as Probability Theory, Galois Theory, Vector Calculus, Initial &amp; Boundary Value Problems, and numerous other math courses. Students also have access to courses in physics, psychology, politics, and more.</td>
<td>Term: Fall, Spring</td>
<td>Language: English</td>
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### What are my next steps?

If you have general questions about education abroad or want more information about the different types of programs available speak with a Peer Ambassador in our Advising Center in 315 Bradley Hall.

Also, take this MAP to a meeting with your academic advisor. Use your degree plan to discuss which programs offer courses you might be able to use to fulfill the remaining requirements in your degree. Ask the following questions:

- Do any of the course titles available abroad appear similar to courses in my degree plan?
- Are there major elective requirements in my degree plan that could be met by some of the courses abroad?
- Are there courses outside my major in my degree plan? If so, take a look at the MAP for that major to see other program opportunities.

Once you have narrowed down your choices to a few programs, contact your education abroad advisor to speak about program specifics and the application process.