Are you concerned about how to transfer credits from courses taken abroad?

Our department collaborates with the Education Abroad office in order to assure pre-departure approval of course equivalencies and course bypass examination eligibility.

Courses taken at an institution other than the University of Kentucky should be evaluated by the appropriate UK department prior to the student’s registration in that course to determine equivalencies and whether or not the department will accept that course in fulfillment of program requirements.

Meet with your advisor early on in the planning process in order to discuss the proper procedure.

Are there other programs?

Yes! This advising guide is a good place to start, but you should also visit the UK Education Abroad website to learn about many other exciting opportunities to study, intern, or volunteer abroad.

If you don’t see your ideal program listed on the UK Education Abroad website, please contact an Education Abroad Advisor to learn more about UK External Education Abroad Programs and how to apply.

Certificate of Global Studies

Document your preparedness to live and work in a global community with the Certificate of Global Studies.

For more information, please visit uky.edu/EGE/Certificates/Global/

Degree Requirements for the Materials Engineering Major

In addition to fulfilling UK Core and College of Engineering requirements, students must complete the chemical engineering curriculum. The following curriculum meets the requirements for the B.S. degree:

**Freshman Year**
- First Semester: MSE 101, CHE 105, CHE 111, CIS/WRD 110, MA 113, UK Core
- Second Semester: CHE 107, CHE 113, MA 114, CS 221, CIS/WRD 111, UK Core

**Sophomore Year**
- First Semester: MSE 201, CHE 226, MA 213, PHY 231, PHY 241, MSE 202
- Second Semester: MSE 301, MSE 351, MA 214, PHY 232, EM 221

**Junior Year**
- First Semester: MSE 401G, MSE 404G, CME 200, EM 221, MA 356, STA210
- Second Semester: MSE 403G, MSE 402G, PHY 361, MSE 595, MSE 407, UK Core

**Senior Year**
- First Semester: MSE 585, MSE 436, EE 355, MSE 408, Technical Elective, UK Core
- Second Semester: MSE 480, MSE 538, Technical Elective, Supportive Elective, UK Core

More information can be found at http://www.engr.uky.edu/cme/students/undergraduate/mse

UK is a member of ISEP, an international network of more than 300 universities in 50+ countries. ISEP offers affordable exchange and direct programs for a variety of academic majors.

Education Abroad Programs in Materials Engineering

Education Abroad Programs for Students of Materials Engineering

UK Education Abroad offers a variety of programs that allow you to study materials engineering in an international setting. Immerse yourself in another culture, expand your knowledge of materials engineering, and explore what the world has to offer with any one of the exciting opportunities available to you!

**Why study abroad?**

Education abroad can help you…

- Experience materials engineering first-hand
- Globalize your world view
- Expand your intercultural understanding and problem-solving skills
- Prepare to work in an increasingly diverse and international workplace
- Gain new insight into the world and yourself
- Increase your language skills

As a student of engineering, the best way to increase your knowledge is to immerse yourself in various environments to study different aspects of engineering. There is no substitute for the experience that a semester, year, summer, or winter abroad will give you.

**Do I have to speak a foreign language to study abroad?**

Absolutely not. There are plenty of materials engineering programs in English-speaking countries. Furthermore, students can find materials engineering classes taught in English in many countries. Of course, there are also plenty of excellent programs for students who prefer to study materials engineering in a foreign language.

**Where can I study abroad?**

There are many opportunities to study materials engineering all over the world! From Iceland to Brazil, UK offers a wide array of programs that allow students to study materials engineering in many parts of the globe.

**How can I afford to study abroad?**

The Education Abroad office offers scholarships for students interested in studying abroad. These scholarships range from $500-$1,500. Stop by one of the information sessions on scholarships or visit the Education Abroad website for more information.

Additionally, most UK financial aid applies towards the cost of studying abroad! Check with your financial aid advisor for more information.

Finally, please note that there are several education abroad programs that are comparable to the cost of attending UK. So, with a little bit of planning, if you can afford to attend UK, you can afford to study abroad.

**What are my next steps?**

**Attend a First Step Session.**

Find out what you can study abroad and where, and ask questions about the application process, financial aid and scholarships, etc. First Step Sessions are held on Mondays and Tuesdays from 4-5 p.m. in 207 Bradley Hall.

**Explore the programs available.**

Search online or visit the Education Abroad Resource Center in 315 Bradley Hall.

**Talk to an Education Abroad advisor.**

Each UK Education Abroad advisor has expertise in specific academic disciplines and geographic regions. Check the website and make an appointment with the advisor who is an expert on the programs in which you are interested.

Last updated January 2016
How do I choose the education abroad program that is right for me?

Look through the information in this advising guide for an overview of the programs available to UK students. You can also find more detailed descriptions online. To get started, it is important to consider the type of program you would like to attend, descriptions of which are outlined on the left page. Consider the following important questions.

When can I study abroad?
- You can study abroad for an entire academic year, during the Fall or Spring semesters, Winter Intersession or over the Summer.

Where will I live?
- Most programs provide accommodation for students in residence halls and foreign student dormitories. Some programs, particularly ones that focus on language immersion provide the option of living with a local family.

Will I earn credits while abroad?
- Yes! Earn credit towards your major abroad, or get some electives out of the way. Please check with your Director of Undergraduate Studies to make sure specific courses will count towards your major.

How much does it cost?
- Programs vary in cost depending on the program type, duration, and provider. Please be sure to familiarize yourself with the costs of the programs you are considering.

UK SPONSORED EDUCATION ABROAD PROGRAMS

UK Consortium
These offerings include select KIS, CCSA and other consortium-based programs for which UK is a voting member. Tuition and fees are paid directly to the program provider and students earn transfer credit.

UK Direct
These offerings include select programs hosted by an international institution in which students enroll directly or facilitated through ISEP-Direct. Students earn transfer credit.

UK Partner
These offerings include select third-party provider programs and other internship/service-learning based programs, for which students earn transfer credit.

UK EXCHANGE EDUCATION ABROAD PROGRAMS

Karlsruhe University
Karlsruhe, Germany
Language Req.: None
Class Standing: Any
Minimum GPA: 2.5
Term Offered: Spring, Summer I

This program offers a full complement of courses, including Material Science & Engineering, Materials and Devices in Engineering. Virtual Engineering, Polymer Engineering, and many more.

University of Dundee
Dundee, Scotland
Language Req.: None
Class Standing: Any
Minimum GPA: 3.0
Term Offered: Fall, Spring

A full engineering program is available. Courses include: Thermodynamics, Science and Engineering Mathematics, Fluid Mechanics, Solid Mechanics, Quantum Mechanics, and Structural Design and Manufacturing.

UK PARTNER EDUCATION ABROAD PROGRAMS

Celtic Blue: University of Limerick (Arcadia)
Limerick, Ireland
Language Req.: None
Class Standing: Any
Minimum GPA: 3.0
Term Offered: Fall, Spring, Year

Available courses include: Materials I, Structural Mechanics, Advanced Materials Processing, Composite Materials, Aerospace Materials, Surface Deposition, and many more.

Cardiff University (IFS-Butler)
Cardiff, Wales
Language Req.: None
Class Standing: Any
Minimum GPA: 3.0
Term Offered: Fall, Spring, Year

Available courses include: Electrical Materials, Construction Materials, Thermofluids, Materials & Manufacturing, Hydraulics, Structural Design Studies, Fluid Dynamics, and more.

Bluegrass Down Under:
University of New South Wales (TEAN)
Sydney, Australia
Language Req.: None
Class Standing: Sophomore & Above
Minimum GPA: 3.0
Term Offered: Fall, Spring, Year

This program offers course options such as Strength of Materials, Thermodynamics, Solids & Structures, Polymer Materials, Heat Transfer, and more.

Student Perspective
Beyond what was mandatory for everyone to see, much of what I learned was gained through self-travels and observations, all I had to do was open my eyes!

—Brandon Sanders, ME & MSEE major,