

Materials Science Engineering

AUSTRALIA

WHY SHOULD YOU STUDY ABROAD?

- Fulfill major, minor and GEP requirements that count toward your degree.
- Distinguish yourself in the workplace with **global competencies**.
- Build independence, problem-solving skills and perspective to face the grand challenges of society.
- Explore a new language or culture with a diverse group of people.

CHINA

CZECH REPUBLIC

PLAN AHEAD

- Well prepared students typically start a year in advance.
- Attend the Study Abroad Fair, typically held in late September.
- Make an appointment to discuss plans with your academic advisor.

SPAIN

HOW TO APPLY

TURKEY

- Attend a general advising session hosted by the Study Abroad Office.
- Visit studyabroad.ncsu.edu for information and resources on:
 - Available Programs
 - Transfer Credit Database
 - Scholarships & Financial Aid
 - International Internship Opportunities

UNITED KINGDOM

“International cooperation is becoming ever more necessary to address a growing number of global challenges including those in energy and sustainability. In Material Science and Engineering, we are seeking to develop and train global scientists and engineers: students and professionals whose scientific breakthroughs and engineering solutions consider and leverage global resources and are environmentally and socio-economically advantageous on the global scale. We are actively seeking to identify and implement new ways to cultivate this human capital including provision of research and educational experiences in engaging international settings.” - Dr. Jacob Jones, MSE Associate Professor



FEATURED SEMESTER PROGRAMS

The following programs have been identified as best-fit programs for **Materials Science Engineering** students; however, students are welcome to participate in other programs.

AUSTRALIA | **Univeristy of Wollongong**

One of the best engineering universities in Australia, Wollongong offers academic coursework in civil, computer, electrical, environmental, materials, mechanical, mining, and telecommunications engineering. Check the course listings to see the many GEP offerings, in addition to these pre-approved courses.

NC State Course/ Wollongong Course Equivalency

CH 220	CHEM 212 (tentative)
MA 341	MATH 291
MA 401	MATH 201
MSE 260	MATE 381

POLAND | **Global STEM Semester**

This program for STEM majors provides additional on-site student support services from NC State faculty. Students will take courses at Adam Mickiewicz University in the beautiful and historic riverside city of Poznan.

FEATURED SHORT TERM PROGRAMS

AUSTRALIA | **International Summer Research & Training in Sydney (Summer)**

Perform cutting edge research related to Materials for Energy Storage and Transduction. This 10-week program in one of the largest energy supplier in the world. *Not for credit.*

CHINA | **Engineering, STS and International Relations (Summer)**

Based in beautiful Hangzhou, enroll in two of the following course options for six credits. Visit the Bund, Tiananmen Square, the Temple of Heaven, the 200-year old Yuyuan Gardens, ride the MagLev train, walk on the Great Wall, and make lasting friendships with Chinese peers. **Credit:** ECE 331, STS490 Geographies of Energy, PS231 Intro to International Relations, or FL 395 Intensive Chinese.

CZECH REPUBLIC | **Prague Institute**

The Prague Institute offers a chance to spend time in one of Europe's most beautiful cities. Many courses fulfill general education requirements: Humanities, Interdisciplinary Perspectives, & Natural Sciences.

SPAIN | **Language, Technology and Culture in Segovia (Summer)**

Study intensive language through the lens of technology. Excursions to aqueduct and textiles factories. **Prerequisite:** FLS 201 or equivalent.

UNITED KINGDOM | **London General Studies (Summer)**

This five week program is a great way to fulfill general education course requirements in a foreign setting while participating in cultural excursions and with various sites of interest throughout the city of London.

