

# Study Away Options For ENGINEERING MAJORS

*The following is a list of programs which offer Engineering courses. Engineering 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 Engineering 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 in the heart of Seoul. It consists of 10 undergraduate colleges and 16 graduate schools. This is a great choice, as WSU students pay WSU tuition to attend this exchange partner institution. Take Engineering classes like Mechanics of Materials, Engineering Physics, and Reinforced Concrete Engineering.

### **Taiwan**

#### **Taipei - [Tamkang University - Exchange](#)**

Tamkang University is a private university in Tamsui District, New Taipei City, which is a city of 4 million. Tamkang or TKU is an exchange partner with Winona State University, which means students pay WSU tuition. They offer Engineering courses including Physics, Materials Science, and Material and Energy Balances.

## Europe

### **Czech Republic**

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

With a reputation as one of the most beautiful cities in the world, you'll study engineering and math amidst the backdrop of centuries-old bridges, cathedrals, and church spires. Prague is also home to a rich modern culture filled with public art and whimsical architecture, and an inspiring intellectual community. This summer program offers beginner engineering classes like Discrete Mathematics and Engineering Statistics.

### **Italy**

#### **Rome - [CEA Rome, Italy - Engineering](#)**

Stay on track with your engineering degree while setting yourself apart from the competition. Study in Rome, where you'll explore more than 2,000 years of global power and influence. You'll have the opportunity to enroll in a core engineering course alongside elective courses. Elective courses focus on an aspect of Italian culture, which may fulfill a humanities or social science requirement. While Italian language isn't required, we'll help you gain some basic communication skills to navigate this historic city. This Summer program includes courses such as Fluid Mechanics, Principles of Engineering Materials, and Thermodynamics.

### **Scotland**

#### **Edinburgh - [CIS Abroad Semester in Edinburgh - Edinburgh Napier University](#)**

Edinburgh Napier University is rapidly becoming the most modern and advanced university in Scotland. The campuses comprise of buildings from the sixteenth to the twenty-first century, reflecting Edinburgh Napier University's profile as a modern university grounded in a solid tradition as a provider of higher learning. Students can take courses like Thermofluids, Materials and Manufacture, and Dynamics.

**Aberdeen - [University of Aberdeen - Direct Enroll](#)**

Founded in 1495, the University of Aberdeen is the fifth oldest university in the English-speaking world. They offer 85 different Engineering courses, so students are bound to find something that works for them. Some courses include Design of Structural Elements, Fundamentals of Engineering Materials, and Engineering Thermodynamics.

**Iceland**

**Reykjavik - [API Business, Computer Science, and Engineering in Iceland](#)**

Iceland will be able to directly enroll with Icelandic and other international students and be among a small, fortunate group of Americans studying abroad in Iceland! Some possible courses include Engineering Optimization, Materials Science, and Heat Transfer.

South America

**Argentina**

**Buenos Aires - [CEA Buenos Aires, Argentina - Engineering](#)**

In a city known for its cultural and social diversity and richness, Buenos Aires combines European style with its Latin heritage. As the capital city, it's also the financial, industrial and commercial hub of Argentina, and home to more than 10 million residents. As an Engineering major, you'll find this cosmopolitan city the ideal place to learn how to apply engineering solutions in a global context. This Summer program includes a 3-credit course in Thermodynamics.

Oceania

**Australia**

**Lismore - [Southern Cross University - Direct Enroll](#)**

Southern Cross University is a progressive, young and connected regional research university, with vibrant campuses in northern New South Wales and the southern Gold Coast. They offer classes such as Statics of Solids and Fluids, Planning and Delivering Engineering Projects, and Introduction to Engineering Materials.

**Adelaide - [IFSA - University of Adelaide](#)**

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 like Advanced Vibrations, Materials Selection & Failure Analysis, and Finite Element Analysis of Structures.

## 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. Engineering does not currently have any dedicated faculty-led programs, but the below programs count for General Education credit.

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

### Asia

#### **Nepal - [People and Culture of Nepal](#)**

3 credits for SOC 295 Takes place during the summer (18 days in May) Students will learn about the culture in Nepal by visiting many popular places in Nepal.

### Europe

#### **Poland - [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.

#### **Italy - [Taste of Italy](#)**

6 credits for ART 313 and ART 398 or ART 109 counts for **Goal Areas 6B and 8**. Takes place during the summer (14 days in May) Students will learn about and focus on art, design, visual culture and lifestyle in contemporary Italy, against the backdrop of its rich ancient history.

### Oceania

#### **New Zealand - [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

### North America

#### **United States - [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.

# 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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## API PROGRAMS

API Global Internships are the perfect way for students to accelerate their career by gaining valuable professional experience abroad. An API internship provides the platform for students to benefit from unique career training and cultural immersion, develop both technical and soft skills, and enhance their resumes to distinguish themselves in the job market. Placement opportunities are customized to suit your personal, professional, and academic goals.

Australia: <a href="#">Brisbane</a>	Australia: <a href="#">Gold Coast</a>	Australia: <a href="#">Sydney</a>	Chile: <a href="#">Santiago</a>	Ireland: <a href="#">Dublin</a>
Italy: <a href="#">Florence</a>	Italy: <a href="#">Rome</a>	New Zealand: <a href="#">Auckland</a>	Portugal: <a href="#">Lisbon</a>	Spain: <a href="#">Barcelona</a>
Spain: <a href="#">Madrid</a>	Spain: <a href="#">Seville</a>	UK: <a href="#">Edinburgh</a>	UK: <a href="#">London</a>	

## BARCELONA SAE

An internship in the cosmopolitan city of Barcelona offers hands-on professional experience paired with new cross-cultural communication skills and your proven ability to actively participate in the global workforce. You will be doing hands-on work in your field and developing professional intercultural skills, while boosting your resume as you move towards graduation and beyond. You can choose from 6, 8 or 12 week options during the semesters, or 6 or 8 week options during the summer with the opportunity to receive academic credit.

<a href="#">Academic Study Center (SIS) + Internship Semester Program</a>	<a href="#">In-Person Internships</a>
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## CEA PROGRAMS

Engineering internships are offered in a variety of career fields and offer the unique opportunity to engage in technical and/or research based projects. Engineering internships will require candidates to have completed several upper-division relevant courses and may require additional placement hours throughout the program.

Italy: <a href="#">Rome</a>	Australia: <a href="#">Sydney</a>
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