College of Science & Engineering

The following programs offer significant coursework and field immersion opportunities for Science, Technology, Engineering & Math fields. This is meant to highlight a variety of programs by region; please note there are many more available beyond what is listed here and this is not a guaranteed list for credit transfer. Students will still need to meet with their departments to discuss fulfilling degree requirements. Please visit our website at [https://studyabroad.wwu.edu/](https://studyabroad.wwu.edu/) for additional opportunities.

### Program Options

#### Western Exchanges
- Bilateral agreements between WWU and universities abroad to exchange students
- Chance of placement is high
- Semester and year-long options
- Pay WWU in-state tuition and mandatory fees
- Room & board paid onsite
- Take courses with international students at universities abroad
- Eligibility requirements vary
- More independent and less services

#### ISEP Exchanges
- Students can choose from over 135 universities in 36 different countries
- Students provide ISEP with a list of preferred sites. Chance of placement varies from site to site.
- Semester & year-long options only
- Pay WWU in-state tuition and mandatory fees
- Room & board paid to WWU
- Take courses with international students at universities abroad
- More independent and less services

#### Study Abroad Programs
- Independent organizations that facilitate or administer study abroad programs for students
- Quarter, semester, academic year, calendar year, & summer
- Pay a program fee that includes tuition, housing, etc. (varies)
- More services provided
- Includes excursions, onsite pickup, varied housing options
- Part time internships can be available for credit

#### Global Learning Programs
- WWU faculty organize and lead academic programs abroad
- Quarter, summer & over breaks
- Earn WWU credits in your field and learn from WWU faculty abroad while studying with other WWU students
- Pay tuition and fees at WWU in addition to a program fee for onsite costs

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**College of Science & Engineering**

[https://cse.wwu.edu/](https://cse.wwu.edu/)

Advisor for Adv. Materials Sci & Eng
Juliet Barnes
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Phone: 360-650-6522

Advisor for Biology
Maren Brinson
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Phone: 360-650-6165

Advisor for Chemistry
Stacey Maxwell
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Office: CB 270
Phone: 360-650-3070

Advisor for Computer Science
Mary Hall
Email: Mary.Hall@wwu.edu
Office: CF 459
Phone: 360-650-2300

Advisor for Engineering Technology
Kate Rinder
Email: Kathryn.Rinder@wwu.edu
Office: ET 204
Phone: 360-650-4132

Advisor for Geology
Theresa Tripp
Email: theresa.trippp@wwu.edu
Office: ES 240
Phone: 360-650-7302

Advisor for Mathematics
Jerry Johnson
Email: Jerry.Johnson@wwu.edu
Office: ES 240
Phone: 360-650-7302

Advisor for Physics & Astronomy
Donna VanderGriend
Email: Donna.VanderGriend@wwu.edu
Office: CF 385
Phone: 360-650-3818

Advisor for SMATE
Edward Geary
Email: Edward.Geary@wwu.edu
Office: SL 250D
Phone: 360-650-3637

Students must see an advisor for information on transferring study abroad credits to your program. EdAbroad Departmental Academic Advising Form.
Africa

Botswana

- ISEP - University of Botswana STEM – Spring Semester - $In State Tuition

Ghana

- USAC Ghana - Science, Engineering, GIS: – Fall, Spring Semester

Morocco

- ISEP - Al Akhawayn Univ. (CIS, Engineering, Math) – Fall, Spring Semester - $In State Tuition
- CCIS - Ifrane (CIS, Engineering, Math) – Fall, Spring Semester, Summer

Namibia

- CCIS in Namibia: University of Science & Technology – Fall, Spring Semester

South Africa

- ISEP - University of Johannesburg – Fall, Spring Semester - $In State Tuition
- CEA Ecology – Summer
- ISA Cape Town – Fall, Spring Semester
- USAC - Stellenbosch University – Fall, Spring Semester
- Wildlands Studies: Oceans, Coasts and Wildlife – Spring Quarter

Tanzania

- SFS Wildlife Management Studies – Summer
Americas

Argentina
- ISEP - Univ. del Salvador (in Spanish) – (Spanish 2.5 years) – Fall, Spring Quarter - $In-State Tuition
- API - Robotics Internship – Summer
- ISA Universidad de Belgrano (courses in Spanish) (Spanish 2.5 yrs) – Fall, Spring Semester

Belize
- Wildlands Studies - Ecosystems – Summer

Canada
- ISEP - Brock University – Fall, Spring Semester - $In-State Tuition
- ISEP - Laurentian University - Fall, Spring Semester - $In-State Tuition
- ISEP - Thompson Rivers University – Fall, Spring Semester - $In-State Tuition
- Wildlands Studies – Banff Conservation. Summer

Chile
- ISEP - Universidad Católica del Norte – (Spanish 2.5 years) – Fall, Spring Semester - $In-State Tuition
- ISA Valparaiso - Universidad Adolfo Ibanez – Engineering & Math (Spanish 2 yrs) – Fall, Spring Semester
- Wildlands Studies - Ecosystems – Winter Quarter

Colombia
- ISA Barranquilla – Science & Engineering – Fall, Spring Semester
- ISA STEM Summer program – Summer

Costa Rica
- CIEE Environmental Engineering – Summer
- ISA Veritas San José - Biology, Tech, Ecology – Fall, Winter, Spring, Summer
- SFS Applied Research Techniques – Summer
- USAC: Costa Rica - Ecology, Biology Fall, Spring Semester, Summer
- Wildlands Studies - Ecosystems & Conservation – Spring Quarter

Ecuador
- AIFS Galápagos Islands - Ecosystems – Summer
- IES Abroad: Galápagos Islands Marine Ecology, Biology – Fall, Spring Semester

Panama
- SIT Ecology, Marine Ecosystems, and Biodiversity – Fall, Spring Semester

Peru
- WWU Global Learning Program - Ecology in the Peruvian Andes – Summer – WWU Tuition 10 credits
- CCIS Lima - USIL - Civil & Industrial Engineering, IT – Fall, Spring Semester
• **ISA Lima - Universidad Del Pacifico - Statistics** – Fall, Spring Semester
• **SFS Biodiversity & Development** – Fall, Spring Semester

**Puerto Rico**
• **ISEP - Univ. of Puerto Rico (STEM in Spanish)** (Spanish 2 yrs) – Fall, Spring Semester - $In-State Tuition

**Mexico**
• **WWU Global Learning Program - Marine Biological Research** – Summer – WWU Tuition 12 credits
• **ISEP - Tecnológico de Monterrey (STEM courses in English)** – Fall, Spring Semester - $In-State Tuition
• **ISEP - UPAEP University** (Spanish A2 level) – Fall, Spring Semester - $In-State Tuition
• **ISEP - Universidad de Monterrey** (Spanish A2 level) – Fall, Spring Semester - $In-State Tuition
• **ISEP - Summer Research – (Engineering & Physical Sciences)** – Summer

**Turks & Caicos Islands**
• **SFS Applied Marine Research Techniques** – Summer

**Asia**

**Bhutan**
• **SFS Himalayan Forests – (Geology, Ecology, GIS, Biodiversity, Research)** – Summer

**China**
• **CIS Abroad - Internships in STEM** – Fall, Winter, Spring, Summer
• **IES - Shanghai (Engineering & STEM)** – Fall, Spring Semester
• **TEAN Shanghai** – Fall, Spring Semester
• **TEAN Shanghai – (Science & Technology)** – Summer

**Hong Kong**
• **ISEP - Hong Kong – (STEM courses in English)** – Fall, Spring Semester - $In-State Tuition

**India**
• **WWU GLP - Cultures & Ecology: Field Program in Ladakh** - Summer – WWU Tuition 12 credits
• **CIEE Hyderabad (STEM courses in English)** – Fall, Spring Semester

**Japan**
• **USAC Hiroshima – (Science & Technology in English)** – Fall, Academic Year

**Nepal**
• **SIT Geoscience in the Himalaya** – Summer
• **Wildlands Studies - Habitat Conservation and Mountain Ecosystems** – Fall Quarter
South Korea

- [Western Exchange - Yonsei University (STEM in English)](#) – Fall, Spring Semester - $In-State Tuition
- [ISEP - Keimyung University (STEM in English)](#) – Fall, Spring Semester - $In-State Tuition
- [ISEP - Ewha Womans University (STEM in English)](#) – Fall, Spring Semester - $In-State Tuition
- [ISEP - Hanyang University (STEM in English)](#) – Fall, Spring Semester - $In-State Tuition
- [ISEP - University of Seoul (STEM in English)](#) – Fall, Spring Semester - $In-State Tuition
- [ISA Korea - (STEM courses in English)](#) – Summer
- [ISEP - Providence Univ. (Informatics, Biology)](#) – Fall, Spring Semester $In-State Tuition

Taiwan

- [Western Exchange - Natl Chengchi Univ. (Math & Compt Sci)](#) – Fall, Spring Semester - $In-State Tuition
- [ISEP - Providence Univ. (Informatics, Biology)](#) – Fall, Spring Semester $In-State Tuition

Thailand

- [WWU GLP Indigenous Knowledge & Sustainability in Thailand](#) – Winter - WWU Tuition 15 credits
- [ISEP - Thammasat Univ. (Compt. Sci, Engineering, Math)](#) - Fall, Spring Semester - $In-State Tuition
- [IE3 Global Internship - Chiang Mai](#) – Fall, Winter, Spring, Summer
- [CIS Mahidol Univ. (Cyber Security, IT, Compt. Sci, Gaming)](#) – Fall, Winter, Spring Quarters
- [Wildlands Studies - Marine and coastal Ecology](#) – Winter Quarter

Vietnam

- [ISEP - Vietnam National University (STEM in English)](#) - Fall, Spring Semester - $In-State Tuition

Europe

Austria

- [ISEP - Technische Universität Graz (STEM in English)](#) – Fall/Winter, Spring - $In-State Tuition
- [ISEP - Johannes Kepler Univ. Linz (STEM in English)](#) - Fall/Winter, Spring - $In-State Tuition
- [ISEP - Universität Salzburg (STEM in German)](#) (German 2 yrs) – Fall/Winter, Spring - $In-State Tuition

Czech Republic

- [CEA Prague (100-200 level Math, Computer Science)](#) – Fall, Spring Semester
- [IFSA Butler - Prague (Cyber Security, IT, Compt. Sci, Gaming)](#) – Fall, Spring Semester

Denmark

- [DIS Study in Copenhagen (Biology, Math, Compt. Sci, Research)](#) – Fall, Spring Semester, Summer

England

- [Western Exchange - Plymouth University (STEM)](#) - Fall, Spring Semester - $In-State Tuition
- [Western Exchange - University of Hull (STEM)](#) - Fall, Spring Semester - $In-State Tuition
- [AIFS UC London STEM/Health](#) - Summer
• API - Mechanical Engineering Internship – Summer
• IFSA Butler Imperial College London Revolutions in Biomedicine – Summer
• IFSA Butler - Sussex Summer (Biology & Physics) - Summer
• IES - University College (London) – Summer
• USAC England – Fall, Spring Semester

Estonia
• ISEP - University of Tartu (STEM in English) – Fall/Winter, Academic Year- $In-State Tuition

Finland
• ISEP - Abo Akademi Univ. (Biology, Engineering, Chemistry) - Fall, Academic Year - $In-State Tuition
• ISEP - Univ of Helsinki (Sciences, Compt. Science, Math) - Fall, Spring Semester - $In-State Tuition
• ISEP - University of Eastern Finland (Biology, Physics) - Fall, Spring Semester - $In-State Tuition
• ISEP University of Oulu (STEM) - Fall, Spring Semester - $In-State Tuition
• ISEP University of Tampere (Compt. Science, Biology) - Fall, Spring Semester - $In-State Tuition

France
• ISEP - Univ Grenoble Alpes - Student Athletes (STEM) – Fall, Spring Semester $In-State Tuition
• CEA - STEM Science & Engineering + Geology – Fall, Spring Semester
• CIEE Engineering, Tech. and Society – Summer
• ISA Universite Catholique de Lille (Renewable Energy, Math) – Summer

Germany
• ISEP - U Bielefeld (Compt. Sci in English) (German 2 yrs) – Fall/Winter, Spring Quarter $In-State Tuition
• ISEP - TU Braunschweig (STEM in English) - (German 2.5 yrs) – Fall/Winter, Spring Quarter $In-State Tuition
• ISEP - TU Dortmund (Engineering in English) - (German 2 yrs) – Fall/Winter, Spring Quarter $In-State Tuition
• EuroScholars - Research in STEM – Fall, Spring Semester
• IES - Freiburg - Environmental Studies & Sustainability – Fall, Spring Semester
• Kassel Intl Summer School (Engineering & Nano Science) - Summer

Greece
• CCIS American College of Thessaloniki (Computer Science, Math) – Fall, Winter, Spring, Summer
• IPSL Thessaloniki – Fall, Spring Semester
• ISA Athens – Fall, Spring Semester, Summer

Hungary
• ISEP - University of Debrecen (Engineering & CIS in English) – Fall, Spring Semester $In-State Tuition
• API Budapest (IT & Operations Research) – Fall, Spring Semester
• Budapest Semesters in Mathematics – Fall, Spring Semester, Summer

Iceland
• API Reykjavik (Computer Science & Engineering) – Fall, Spring Semester
• Center of Ecological Living and Service Learning – Fall, Spring Semester
• **SIT - Renewable Energy, Technology, and Resource Economics** – Summer
• **SIT - Iceland & Greenland - Climate Change & the Arctic** – Fall, Spring Semester
• **South Dakota - Volcanology Field Camp** – Summer

**Ireland**
• **API - GIS Internship** – Summer
• **API Limerick** – Fall, Spring Semester
• **Arcadia - Dublin STEM Research** – Summer
• **CEA Galway Ecology** – Summer
• **ISA Ireland** - Fall, Spring Semester
• **ISA Dublin Maynooth University Computer Science** – Summer
• **CIEE Dublin Green Energy & Engineering** – Summer
• **CIEE Dublin Engineering Technology & Society** – Fall, Spring Semester
• **IFSA Derry, Ireland Engineering** – Summer
• **USAC Cork** – Fall, Spring Semester

**Italy**
• **ISEP - Pavia (Biology & Engineering)** – Fall/Winter Semester, Spring Semester $In-State Tuition
  *Juniors/Seniors can take Graduate level courses in English
• **ISEP - Trieste (STEM in English)** – Fall/Winter Semester, Spring Semester $In-State Tuition
• **API LDM Florence**. – Fall, Spring Semester $14880
• **API LDM STEM Rome** – Fall, Spring Semester $14990
• **Arcadia Rome (Thermodynamics, Materials Science, Fluid Mechanics)** – Spring Semester
• **CIS Abroad - Sorrento (Sciences & Natural Sciences)** – Fall, Spring Semester
• **CIS Abroad - Sorrento (Science & Natural Sciences)** - Summer
• **CIS Rome (Math & Science)** – Fall, Spring Semester
• **CEA John Cabot University (Computer Science & Math)** – Fall, Spring Semester

**Netherlands**
• **ISEP - Leiden Univ. (Biology, Compt. Engineering, Astronomy)** – Fall, Spring Semester $In-State Tuition
• **ISEP - Radboud (CIS, Biology, Math, Physical Sciences)** – Fall, Spring Semester $In-State Tuition
• **ISEP - Tilburg Univ. (Statistics, Computer & IT)** – Fall, Spring Semester $In-State Tuition

**Northern Ireland**
• **ISEP - Ulster Univ. (Compt. Science, Engineering, Math)** – Fall, Spring Semester $In-State Tuition

**Norway**
• **ISEP - Nord Univ. (Biology)** – Fall, Spring Semester $In-State Tuition
• **UNIS - Arctic Univ of Norway (Lab Sci, Biology, Geology, Geophysics, Tech)** – Fall, Spring Semester
• **USAC - Univ. of Oslo (Math & Natural Sciences)** – Fall, Spring Semester

**Poland**
• **API - Krakow (Computer Sciences)** – Fall, Spring Semester
Scotland
- ISEP - Edinburgh Napier (Biology, CIS, Engineering) – Fall, Spring Semester $In-State Tuition
- Arcadia - Glasgow STEM Summer Research – Summer
- Arcadia - Univ. Aberdeen – Fall, Spring Semester
- CCIS - Univ. Dundee - STEM – Fall, Spring Semester
- ISA - Glasgow Anatomy, Health, Math, Physics – Summer
- ISA - Glasgow - The Geology of Scotland – Summer
- USAC - Univ. of Stirling - STEM – Fall, Spring Semester
- USAC - St. Andrews - STEM – Fall, Spring Semester

Spain
- API - Sevilla - Pablo de Olavide (Sciences) – Fall, Spring Semester
- API - Neuroscience Internship – Summer
- AIFS - Barcelona UPF - STEM – Fall, Winter
- AIFS - Salamanca - Biology - Fall
- Arcadia - Granada STEM Summer Research (Physics, Math) – Summer
- CEA - Alicante - Liberal Arts (STEM) – Fall, Spring Semester
- CEA - Madrid STEM – Fall, Spring Semester
- South Dakota School of Mines & Technology – Geology Field Camp Pyrenees – Summer
- USAC Valencia - STEM – Fall, Spring Semester, Summer

Sweden
- Western Exchange - Lulea Univ. of Technology (STEM) – Fall, Spring Semester $In-State Tuition
- Western Exchange - Umea Univ. (STEM) – Fall/Winter, Spring Semester $In-State Tuition
- USAC Sweden (Sustainable Innovation, Writing Scientific Essays & more) – Summer
- USAC Linnaeus University (STEM) – Fall, Spring Semester

Wales
- Arcadia – Swansea University – Academic Year, Spring
- Arcadia – Bangor University – Fall, Spring Semester

Middle East

Israel
- Rotherberg Intl School InnovNation (Science, Engineering, Entrepreneurship) – Summer

Jordan
- SIT - Engineering & Design for Sustainable Environments – Summer

Turkey
- South Dakota School of Mines & Technology - Geology Field Camp - Summer
United Arab Emirates

- ISEP - American University of Sharjah (STEM) – Fall, Spring Semester $In-State Tuition
- API American University of Sharjah – Summer

Oceania

Australia

- Western Exchange - Edith Cowan University – Fall, Spring Semester - $In-State Tuition
- Western Exchange - University of Newcastle – Fall, Spring Semester - $In-State Tuition
- Western Exchange - University of Tasmania – Fall, Spring Semester - $In-State Tuition
- Arcadia STEM Research (Math, Engineering, Sciences) - Summer
- API - Mechanical Engineering Internship – Summer
- ISA - U Adelaide Summer School (Science) - Summer
- Wildlands Studies - Wildlife Management & Ecology – Winter Quarter
- Wildlands Studies - Tropical Reefs and Rainforest – Summer

Fiji

- ISEP - University of the South Pacific (STEM) – Fall, Spring Semester $In-State Tuition
- ISA - University of the South Pacific – Fall, Spring Semester

New Zealand

- ISEP - University of Auckland – Fall, Spring Semester - $In-State Tuition
- ISEP - NMIT (Nelson) – Fall, Spring Semester - $In-State Tuition
- ISEP - Massey University – Fall, Spring Semester - $In-State Tuition
- ISEP - University of Waikato – Fall, Spring Semester - $In-State Tuition
- API - Dunedin - University of Otago Summer School – Summer
- API - Civil Engineering Internship – Summer
- Wildlands Studies - Ecosystems & Conservation – Fall

Research Programs

- Arcadia STEM Research (Math, Engineering, Sciences) – Summer
- EuroScholars STEM Research in Europe – Fall, Spring Semester

Scholarships for STEM

Benjamin A. Gilman International Scholarship

- Gilman Scholarship for Pell – Eligible Students Grants averaging up to $3,000 for Summer/$5,000 Semester or Quarter/$8,000 for Critical Language Study
Fulbright Commission Summer Institutes
• The US-UK Fulbright Commission Summer Institutes – $Full Tuition, Airfare, Accommodations

Multidisciplinary International Research Training (MIRT) Fellowship
• (HSPH-MIRT Program) – Summer $Full Tuition, Airfare, Accommodations, etc.

API STEM Scholarship
• API STEM Scholarship

National Science Foundation Scholarships
• National Science Foundation Scholarships

ISEP Scholarship Resources for STEM Students
• Scholarship Opportunities for STEM Students

USAC STEM Scholarship
• Science, Technology, Math, and Engineering (STEM) Scholarship

AIFS Generation Study Abroad STEM Scholarship – Limerick Ireland
• Must be a STEM major and 3.0 GPA.
  • Generation Study Abroad STEM Scholarship – University of Limerick

*Post-Graduation:

Dufrenoy Scholarship to Study Sciences in France (Post Graduation)
• Math, Physics, Chemistry, Biology, Medicine, Geology, Botany, Engineering, CmptSci, etc.

Chateaubriand Fellowship for PhD Students
• Conduct STEM research in France for 4-9 months