

College of Science & Engineering

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Students must see an advisor for information on transferring study abroad credits to your program. [EdAbroad Departmental Academic Advising Form.](#)

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/> for additional opportunities.

Program Options

Direct Exchanges	ISEP Exchanges
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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	Global Learning Programs
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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

Ctrl + Click on the listed regions below to search & compare program options by region!

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Pay WWU Tuition & Fees through Exchanges and Global Learning Programs!

Direct Exchanges

- Direct exchanges are bilateral agreements between WWU and universities abroad to exchange students
- **Pay WWU in-state tuition and fees for a semester or academic year program, room & board are paid directly onsite at your host university**
- **Check out WWU's Direct Exchanges to find a university that meets your academic interests!**
[WWU Direct Exchange](#)

Global Learning Programs

- Conduct research with WWU professors and other WWU students
- The Biology Department at WWU will offer a 12 credit upper division course called Tropical Marine Biology in La Paz, Mexico * **this program is offered every other summer and students may need to have completed pre-requisites for this program**
- Complete Bio Research and complete research projects in Ecology, Geology, or Environmental Science worth 10 credits with WWU faculty and students on the Ecology in the Peruvian Andes program in Peru
- Summer terms available
[WWU Global Learning Program – Tropical Marine Biology Mexico](#)
[WWU Global Learning Program - Ecology in the Peruvian Andes](#)

ISEP Exchanges

- The International Student Exchange Program (ISEP) is a network of universities in the US and Internationally that have agreed to exchange students on a semester and yearly basis
- Choose from over 135 universities in 36 different countries
- **Students pay all WWU In-State costs: In-State Tuition and mandatory fees, Room & Board to WWU**
- **Check out STEM ISEP Exchanges to find a university that meets your academic interests!**
[International Student Exchange Program \(ISEP\) Exchange](#)

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Africa

Botswana

- Study in one of the world's most abundant and diverse ecosystems where you can explore the impacts on ecology, humans, the environment, and conservation biology
- Field study & research available
- Housing options include backcountry cabins or camping
- Semester terms available

[Round River Conservation Studies](#)

[ISEP - University of Botswana STEM](#) – Spring Semester **\$In State Tuition**

Ghana

- Study at the University of Cape Coast through CIS Abroad, offering full curriculum in Software Engineering, Agriculture, Environmental Science, and more
- The University of Ghana through CIEE or USAC offers English coursework in Geology, Health Sciences, Agriculture, Engineering, Sciences, and has centers in Biotechnology Research, Remote Sensing and Geographic Information Systems, Tropical Clinical Pharmacology, and more
- Semester terms available

[Council on International Education Exchange \(CIEE\)](#)

[CIS Abroad](#)

[University Studies Abroad Consortium \(USAC\)](#)

Namibia

- Through Round River, study community based conservation, conduct wildlife surveys, and to contribute to current conservation efforts
- Study English coursework through Polytechnic of Namibia through CCIS in Engineering (Civil, Electrical, Mechanical, Mining, and Transportation), Biomedical Science, Environmental Health Science, Information Technology (Computing, IT, Software Engineering), Agriculture, Conservation, and more
- Semester terms available

[College Consortium For International Studies \(CCIS\)](#)

[Round River Conservation Studies](#)

South Africa

- Through Arcadia, devote your summer to community engagement on the Community Development Program where students can tutor school students in reading, math, science, and information technology; learn skills to support your teaching and relate experiences to the overall themes of the core course
- Through CIEE, study STEM fields in Stellenbosch, South Africa's center for "clean" industry through Stellenbosch University, or in Cape Town
- The University of Cape Town offers English courses in Astronomy, Botany, Chemistry, Computer Science, Environment, Geography, Geology, Math, Oceanography, Physics, Statistics, Zoology, and Research
- Stellenbosch University offers English courses in Ecology, Math, Biology, Chemistry, Genetics, and more
- Through ISA, study Soil Science, Biology, Chemistry, Electrical Engineering, Ecology, Geology, Math, Physics, and more in English at Nelson Mandela Metropolitan University for semester or academic year, or through CEA for a 4-week summer session in Ecology

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- Through ISA, Rhodes University in Grahamstown offers English coursework in Computer Science, Technology, Natural Sciences, Geology, Fisheries Science, Engineering, and more
 - Through Wildlands Studies take thematic coursework and direct field experience, students can take courses in sustainable development, conservation, environmental issues, agriculture, energy, natural resources, and how to create livable urban spaces
 - Semester, Quarter & Summer terms available depending on program
- [Arcadia University](#)
[Council on International Education Exchange \(CIEE\)](#)
[Cultural Experiences Abroad \(CEA\)](#)
[International Studies Abroad \(ISA\)](#)
[Wildlands Studies](#)

Tanzania

- Through thematic coursework and direct field experience, students examine issues arising from seasonal population growth, economic development with conservation of the local environment, wildlife management, and natural resource management
 - Field study & research available
 - Housing options include Homestays and Backcountry Camping
 - Semester & Summer terms available
- [National Outdoor Leadership School \(NOLS\)](#)
[School for Field Studies \(SFS\)](#)
[School for International Training \(SIT\) - Coastal Ecology](#)
[School for International Training \(SIT\) - Wildlife Conservation](#)

Americas

Argentina

- The Wildlands Studies program provides students with first-hand experience analyzing the interactions among humans, wildlife, and the environment in a region that contains immense wilderness yet faces the pressure of growing economy, development, and the associated increased energy and natural resources
 - Through CEA or ISA, study at the University of Belgrano where students with advanced levels of Spanish language can choose from courses within the fields of Math, Agriculture, Sciences, Engineering, and IT
 - Field study and directed research available
 - Quarter and Semester terms available
- [Cultural Experiences Abroad \(CEA\)](#)
[International Studies Abroad \(ISA\)](#)
[Wildlands Studies](#)

Belize

- Through Wildlands Studies, students can participate in hands-on field investigations of environmental challenges facing Belize today
 - Summer terms available
- [Wildlands Studies](#)

Canada

- **Pay WWU in-state tuition on ISEP Exchange** for study at one of four available universities in Canada: Laurentian University, Thompson Rivers University, Brock University, or The University of Regina
 - All Four Canadian Universities through ISEP offer coursework in Biology, Chemistry, Computer Science, Engineering, Geology, Math, Mining, Physics, Natural Resources Science, Environment, and more
 - On backcountry field study programs like Round River or Wildlands Studies you can explore the immense wilderness of glacial rivers, boreal forest, and snowy peaks, hiking into remote alpine and subalpine habitats to monitor climate change, wildlife, and conservation
 - Semester, Academic Year, and Summer terms available depending on program
- [International Student Exchange Program \(ISEP\) Exchange](#)
[Round River Conservation Studies](#)
[Wildlands Studies](#)

Chile

- **Pay WWU in-state tuition on ISEP Exchange** at UT Federico Santa Maria offers **Spanish** courses in Computer /IT Sciences, Math, Chemistry, Physics, and Sports Studies; **works for Spring Quarter dates!**
 - Participate in field investigations and hands-on projects in conservations and ecology through Wildlands Studies or Round River Conservation Studies programs
 - Learn Wilderness First Aid, CPR, and Leave No Trace Trainer certifications while participating on a NOLS field expedition through Patagonia's valleys and mountains while gaining coursework in Biology, Environmental Studies, and Leadership
 - Semester, Quarter, Academic Year, Calendar Year, & Summer terms available
- [International Student Exchange Program \(ISEP\)](#)
[National Outdoor Leadership School \(NOLS\)](#)
[Round River Conservation Studies](#)
[Wildlands Studies](#)

Colombia

- Study at the Universidad Del Norte, where STEM courses are offered in English and Spanish;
 - English coursework includes fields of Civil Engineering, Geology, Soil Mechanics, Electrical Engineering, Industrial Engineering, Research, Mechanical Engineering, and Systems Engineering
 - Students must have completed at least 2 quarters of college level Spanish
 - ISA also offers a Summer STEM program with no language prerequisites; offering English coursework in Civil Engineering, Electrical Engineering, Research, Mechanical Engineering, and Systems Engineering
 - Semester and Summer terms available
- [International Studies Abroad \(ISA\)](#)

Costa Rica

- Students can take coursework in Marine Biology, Environment, Sustainability, Ecology and Botany, at universities with curriculum in English through providers like API, AIFS, CEA, CIEE, ISA, or USAC
- API offers a Sustainability and Environmental Studies program in San Joaquín de Flores with coursework, field studies, and internships; a course in Geomorphology is also featured.
- USAC programs in San Ramon and Heredia are cost effective
- Field based learning programs like CELL, School for Field Studies or Wildlands Studies will offer research projects and outdoor learning models
- Spanish Language available at all levels depending on program
- Quarter, Semester, Academic Year, Intensive Month, & Summer terms available

[Academic Programs International \(API\)](#)
[American Institute for Foreign Study \(AIFS\)](#)
[Center for Ecological Living and Learning \(CELL\)](#)
[Cultural Experiences Abroad \(CEA\)](#)
[Council on International Education Exchange \(CIEE\)](#)
[International Studies Abroad \(ISA\)](#)
[School for Field Studies \(SFS\)](#)
[University Studies Abroad Consortium \(USAC\)](#)
[Wildlands Studies](#)

Ecuador

- AIFS offers a summer Environmental Science program in the Galapagos Islands
 - Through GEO, study sustainable development in Ecuador on the Bioregional Community Development summer program worth 6 quarter credits
 - Through field based learning programs like IPSL, SIT, and IES Abroad, students can experience field based learning, research, in addition to traditional coursework
 - Semester and Summer programs available depending on program
- [American Institute for Foreign Study \(AIFS\)](#)
[Global Education Oregon \(GEO\)](#)
[IES Abroad](#)
[International Partnership for Service Learning \(IPSL\)](#)
[School for International Training \(SIT\)](#)

Panama

- Through SIT's summer Marine Ecology and Blue Carbon Conservations in the Pacific and Caribbean, explore marine biodiversity in two oceans and snorkel while conducting research in Caribbean coral reefs
 - SIT also offers a Tropical Ecology, Marine Ecosystems, and Biodiversity Conservation semester program
 - Semester and Summer terms available
- [School for International Training \(SIT\)](#)

Peru

- Study Ecology and Geology on the summer **GLP Peru- Ecology in the Peruvian Andes program**, earning 10 quarter credits in 5 weeks trekking and working on research projects
 - Through CIS Abroad, English coursework is available in Civil & Industrial Engineering, IS, and Mathematics
 - Through field based learning programs like SFS, students can study and work hands-on in the forests, fields, communities, and take courses in Tropical Ecology, Conservation, Developing Landscapes, and & culture
 - Semester terms available
- [WWU Global Learning Program](#)
[CIS Abroad](#)
[School for Field Studies \(SFS\)](#)

Puerto Rico

- **Pay In-State Tuition and fees for this program through ISEP**
 - English coursework is available in Engineering, Geology, Biology, Physics, Math, Marine Science, and more
 - Students should have 2 years of Spanish background by the time the program starts
 - Semester terms available
- [International Student Exchange Program \(ISEP\) Exchange](#)

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Mexico

- The Biology Dept. offers a 12 credit upper division course called Tropical Marine Biology in La Paz, Mexico; conduct research & access diverse and rich marine habitats with WWU professors and other WWU students learning tropical marine biology in the Gulf of California, Mexico on the **GLP Global Learning Program**
 - **Depending on year * The GLP program is offered every other summer and students may need to have completed pre-requisites for this program**
 - **Pay In-State Tuition and fees for this program through ISEP** at the Universidad de Monterrey; English coursework is available in Computer Science, Physics, Math, Engineering, Health Sciences and more
 - Semester, Academic Year & Summer terms available
- [WWU Global Learning Program](#)
[International Student Exchange Program \(ISEP\) Exchange](#)

Turks & Caicos Islands

- Students can participate on the School for Field Studies programs and learn field research techniques
 - Semester and Summer terms available
- [School for Field Studies \(SFS\)](#)

Asia

Bhutan

- Study Himalayan forestry, watersheds, rural livelihoods, human-wildlife interactions, and biodiversity conservation through the School for Field Studies
 - Through API and the Royal Thimphu College take courses in Mountain Ecology, Land Use, Natural Resources, Conservation, Environmental Studies, Biodiversity, Climate, Water Management, Sustainable Development, Research Methods, and Pollution
 - Semester and Summer terms available
- [Academic Programs International \(API\)](#)
[School for Field Studies \(SFS\)](#)

China

- Study STEM fields in China through IES Abroad or CIEE while also developing your Chinese language skills
 - Through IES, take courses in Math, Engineering, Chemistry, Computer Science, Physics, Materials Science and more in English, in addition to beginning Chinese
 - Through CIEE, study Global Sustainability and Environment in Shanghai or Environment, Culture, & Economic Sustainability in Beijing including courses in Ecology and related areas
 - Through TEAN, study at Fudan University where English courses are available in Algorithm Design, Physics, Immunology, Experiments in Functional Science, Particle Physics, Cosmology, General Relativity, and more
 - Through TEAN, study at Tsinghua University in Beijing where English courses are available in Engineering, Environmental Science, Aerospace, Materials Science, Physics, Chemistry, Biology, Computer Science, Information Science, Software System Design, and more
 - Research projects and internships available
 - Semester, Quarter, and Summer terms available
- [Council on International Education Exchange \(CIEE\)](#)
[IES Abroad](#)
[The Education Abroad Network \(TEAN\)](#)

Hong Kong

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
- Take up to 9 quarter credits of Chinese language at all levels, with English electives available in a Biochemistry, Biology, Biomedical Engineering, Computer Science, Electronic Engineering, Environmental Science, Earth System Science, Information Engineering, Mathematics, Biotechnology, Natural Sciences, and Physics at The Chinese University of Hong Kong (CUHK) through ISEP
- Semester & Academic Year terms available
[International Student Exchange Program \(ISEP\) Exchange](#)

India

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
- Study at the University of Hyderabad through ISEP Exchange, AIFS, or CIEE, where English coursework is available in Biochemistry, Biotechnology, Chemistry, Computer Science, Electronics, Mathematics, Physics, Plant and Animal Sciences, Statistics, Earth Sciences, Energy, and more
- Learn about local issues of sustainable development, water scarcity, and more in Northern India studying with WWU Faculty and students on the **Global Learning Programs** through the Institute for Village Studies
- Examine critical conservation efforts through hands-on observation and field study experience with Wildlands Studies as students investigate many of the Himalayan mountain's most important ecosystems
- Research, Field Study, and Internships available
- Semester, Quarter, and Summer programs available
- [WWU Global Learning Program](#)
[International Student Exchange Program \(ISEP\) Exchange](#)
[American Institute for Foreign Study \(AIFS\)](#)
[Council on International Education Exchange \(CIEE\)](#)
[National Outdoor Leadership School \(NOLS\)](#)
[Wildlands Studies](#)

Japan

- Through CIEE, study at Sophia University in Tokyo which offers English coursework in Science, Technology, Materials Science, Environmental Science, Sustainability, Labs, and "Green" Engineering
- Through USAC, take courses at Hiroshima University which offers English coursework in Science and Information Technology including Math, Biology, Chemistry, Circuit Design, Medicine, and more
- Semester terms available depending on program
[Council on International Education Exchange \(CIEE\)](#)
[University Studies Abroad Consortium \(USAC\)](#)

Nepal

- Participate in field study projects related to Habitat Conservation and Mountain Ecosystems, Climate Change, Environmental studies, Development, and Geoscience
- Quarter and Summer terms available depending on program
[School for International Training \(SIT\)](#)
[Wildlands Studies](#)

South Korea

- **Pay WWU in-state tuition on Exchange for this program through Direct Exchange or ISEP**
- Universities available in South Korea through ISEP exchange that offer English coursework in STEM fields; Ajou University, Ewha Women's University, Hanyang University, Keimyung University, and Korea U

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- Study at Yonsei University through both Direct Exchange or ISEP, or via providers like CIEE and USAC
- Yonsei University has developed a wide range of Science and Engineering courses taught in English, including; Astronomy, Atmospheric Science, Biology, Biotechnology, Engineering, Computer Science, Mathematics, Metals, Physics, Urban Planning and more
- Study at Korea University through ISEP Exchange, or ISA where English courses are available in Biomedical Engineering, Biophysics, Neuroscience, Biology, Biotechnology, Chemical Engineering, Chemistry, Civil, and Environmental Engineering, Computer Science, Earth Sciences, Electrical Engineering, and more
- Through ISA at Konkuk University, English courses are in Aerospace Information Engineering, Animal Science and Technology, Applied Bioscience, Statistics, Engineering, Biological Sciences, Chemistry, Computer Science, Educational Technology, Materials, Mathematics, Physics, and more
- Semester, Academic Year, and Summer terms available depending on program

[WWU Direct Exchange - Yonsei University](#)
[International Student Exchange Program \(ISEP\) Exchange](#)
[Council on International Education Exchange \(CIEE\)](#)
[International Studies Abroad \(ISA\)](#)
[University Studies Abroad Consortium \(USAC\)](#)
[SIT – Digital Futures – Summer](#)

Taiwan

- **Pay WWU in-state tuition on Direct Exchange for this program**
- Students can study at National Chengchi University through **Direct Exchange**, or through CIEE
- A variety of courses are taught in English, including Math, Computer Science, & Digital Technologies
- Semester and Academic Year terms available

[WWU Direct Exchange - National Chengchi University](#)
[Council on International Education Exchange \(CIEE\)](#)

Thailand

- The WWU **Global Learning Program** explore environmental and social justice issues in Northern Thailand
- **Pay WWU in-state tuition on Exchange for this program through ISEP**
- Study at the Thammasat University through ISEP Exchange where English coursework is available in Civil Engineering, Electrical Engineering, Mechanical Engineering, Environmental Science, IT and more
- Through Wildlands Studies participate in ecological field research and study Marine and Coastal Ecology
Through CIS or ISA, take courses in Environmental Science, Mathematics, Biology, Chemistry, Physics, Technology, Computer Science, Computer Programming, Research, Lab Sciences, Ecology and Conservation, and Zoology at Mahidol University where curriculum is taught entirely in English
- IE3 Global offers internships developing experiential education activities focus on alternative energy, sustainable agriculture and living, teambuilding, and more; 6 month placements preferred
- Semester, Quarter, and Summer programs available

[WWU Global Learning Program](#)
[IE3 Global](#)
[International Student Exchange Program \(ISEP\) Exchange](#)
[CIS Abroad](#)
[International Studies Abroad \(ISA\)](#)
[Wildlands Studies](#)

Vietnam

- **Pay In-State Tuition and fees for this program through ISEP**
- Study at International University – Vietnam National University HCMC through ISEP Exchange, which offers English coursework in Biotechnology, Food Technology, Biochemistry, Electrical Engineering, Industrial & Systems Engineering, IT, Civil Engineering, Computer Science, and more
- Semester and Academic Year terms available
[International Student Exchange Program \(ISEP\) Exchange](#)

Europe

Austria

- **Pay WWU in-state tuition on Exchange for this program through Direct Exchange or ISEP**
- At the Karl-Franzens Universitat Graz via Direct Exchange, students can study German at all levels, and some English curriculum is available in Geography, Geology, Math, Biology, and Sustainability
- At the Johannes Kepler Universitat Linz through ISEP, students can study Intensive German language at all levels, and full English curriculum is available in Chemistry, Computer Science, Mathematics, and more
- Semester and Academic Year terms available
[WWU Direct Exchange- Karl -Franzens Universitat Graz](#)
[International Student Exchange Program \(ISEP\) Exchange](#)

Czech Republic

- English electives available in a wide range of fields including Math, Physics, and more at Charles University
- Semester & Academic Year terms available
[Global Education Oregon \(GEO\)](#)

Denmark

- Study in the Cosmopolitan capital of Copenhagen through the Danish Institute for Study Abroad (DIS) available through CCIS where students can choose core courses, study tours, practicums and global seminars
- DIS courses are related to Biomedicine, Computer Science, Environmental Science of the Arctic, Environmental Studies, Climate Change, Geopolitics, Sustainability, Food Systems, Medical Practice & Policy, Neuroscience, Environmental Policy, and Renewable Energy
- Semester, Quarter, Intensive Month, Academic Year, & Summer terms available
[College Consortium for International Studies \(CCIS\)](#)
[Danish Institute for Study Abroad \(DIS\)](#)

England

- **Pay WWU in-state tuition on Direct Exchange for these programs**
- Study on **Direct Exchange at the University of Hull** campus, a comprehensive university with strengths in Biology, Chemistry, Computer Science, Engineering, Environmental Science, Health, Math, and more
- Study on **Direct Exchange at Plymouth University**, a comprehensive university with strengths in Biology, Computer Science, Engineering, Environment, Marine Biology, Math, and more; most disciplines at Plymouth require an academic year commitment
- AIFS offers a 3-6 week STEM/Health summer program through University College London
- Arcadia University offers a STEM summer research & Summer Science program in London

- API offers programs at the University of Leeds, offering STEM coursework in a variety of fields
- API and CIEE offers programs at the University College London with full departments in Biomedical Sciences, Engineering, Life Sciences, Math and Physical Sciences, Medical Science and more
- Arcadia programs at the University of Manchester offer courses in Computer Science, Engineering, and more
- ISA offers programs at Kings College in London, offering full English curriculum in STEM fields
- IFSA Butler offers a Revolutions in Biomedicine Summer London program for fields in Biochemistry, Microbiology, Immunology, Genetics, and Public Health with hands-on lab research
- Consider studying in regions outside of London to save on cost of living, such as universities in Reading, Bristol, or Brighton through USAC or ISA offering full curriculum in English including many STEM options

[WWU Direct Exchange - Plymouth University](#)

[WWU Direct Exchange - University of Hull](#)

[American Institute of Foreign Study \(AIFS\)](#)

[Academic Programs International \(API\)](#)

[Arcadia University](#)

[Council on International Education Exchange \(CIEE\)](#)

[IFSA-Butler University](#)

[International Studies Abroad \(ISA\)](#)

[University Studies Abroad Consortium \(USAC\)](#)

Estonia

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
- English electives available in a wide range of Science and Technology fields including Math, Computer Science, Medicine, and more
- Semester & Academic Year terms available

[International Student Exchange Program \(ISEP\) Exchange](#)

Finland

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
- English electives available in a wide range of Environmental Studies and Science areas at The University of Turku, The University of Helsinki, The University of Jyväskylä, and the University of Tampere through ISEP
- Semester & Academic Year terms available

[International Student Exchange Program \(ISEP\) Exchange](#)

France

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
- Study at one of several universities through ISEP in France with varying requirements for French background
- INSA Lyon through ISEP Exchange offers English coursework in Data, Information Systems, Computing, and Multimedia processing with no prerequisites for French background
- CIEE's Summer Toulouse Engineering, Technology & Society session II & III offers English courses
- Study in English through the SKEMA program in Nice, France through IES Abroad or CEA
- CEA offers a Chemical Engineering program in Paris in English with cultural electives
- [International Student Exchange Program \(ISEP\) Exchange](#)
- **ISEP - Universite Grenoble Alpes - Student Athletes – Fall, Spring Semester \$In-State Tuition**
- **CEA - Science & Engineering + Geology – Fall, Spring Semester \$14645**
- [Cultural Experiences Abroad \(CEA\)](#)
- [Council on International Education Exchange \(CIEE\)](#)
- [IES Abroad](#)

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- [ISA Universite Catholique de Lille](#) – Summer

Germany

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
 - Study Abroad on Exchange through ISEP to **several universities in Germany**, including Hannover, Giessen, TU Braunschweig, and Dortmund which offer English coursework in Engineering, Automotive, Computer Science, Math, Sciences, and more *** TU Braunschweig can work Spring Quarter**
 - Research projects, Thesis and Lab Work, & German Language Courses also available
 - Through AIFS, and IES Abroad courses in English are available in Environmental Studies, Renewable Energy, Forest Ecology, Sustainability, Biology, Environmental Health, & Conservation
 - Participate in research projects in STEM through the EuroScholars Undergraduate Research program
 - Quarter, Semester, Academic Year & Summer terms available
- [International Student Exchange Program \(ISEP\) Exchange](#)
[American Institute for Foreign Study \(AIFS\)](#)
[EuroScholars- European Undergraduate Research Opportunities](#)
[IES Abroad](#)

Greece

- AIFS offers a program in Athens at the American College of Greece, offering English coursework in STEM
 - Through ISA, study at the American College of Thessaloniki, offering English courses in Computer Science, Math, Chemistry, Ecology, Anatomy, Biology, and more
 - Study with the American Farm School (AFS) through IPSL Thessaloniki program, which blends field experience with taking English coursework in agriculture, horticulture, food science, & environmental studies
 - Quarter, Semester, & Summer terms available
- [American Institute for Foreign Study \(AIFS\)](#)
[International Partnership for Service Learning \(IPSL\)](#)
[International Studies Abroad \(ISA\)](#)

Hungary

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
 - On ISEP Exchange in Debrecen; English courses are in Engineering, Computer Sciences, Sciences, and more
 - Through API, take courses in English in areas of Information Technology and Mathematics/Research at Corvinus University of Budapest while learning Hungarian language at the beginning levels
 - Through the Budapest Semesters in Mathematics program, study Mathematics in English; **the summer term is cost effective as it is two months in duration and living costs are modest in Hungary!**
 - Semester and summer terms available depending on program
- [International Student Exchange Program \(ISEP\) Exchange](#)
[Academic Programs International \(API\)](#)
[Budapest Semesters in Mathematics](#)

Iceland

- API offers Semester courses in Computer Science, Engineering, Research and more in English
- Through SIT students can study Climate Change and Renewable Energy in the Arctic in Iceland and Greenland and pursue individual research projects while completing coursework in English
- Through CELL, study concepts of “Sustainability through community” by living in an eco-village community dedicated to sustainable living practices while witnessing glaciers, volcanoes, and geothermal hot springs
- Study Climate Change and Glacier Modeling through SIT, or DIS Abroad summer programs in Iceland

- DIS offers several semester or summer courses in Environment, Energy Studies, and Sustainability
- SD School of Mines & Technology offers a summer Volcanology Field School worth 6 quarter credits
- Semester and Summer terms available depending on program

[Academic Programs International \(API\)](#)

[Center for Ecological Living and Service Learning \(CELL\)](#)

[Danish Institute for Study Abroad \(DIS\)](#)

[School for International Training \(SIT\)](#)

[South Dakota School of Mines & Technology](#)

Ireland

- CEA offers a summer Ecology: Living Landscapes in the West of Ireland, Galway program offering elements of Geology, hydrology, and ecology as well as conservation and sustainable management practices
- Study at the University of Limerick through AIFS, API, Arcadia, CIS Abroad, IFSA-Butler, or ISA, offering full curriculum in STEM fields; AIFS offers a summer Engineering program in Limerick
- CIEE offers an Engineering, Technology, and Society program in Dublin for a semester or summer
- ISA offers an Agriculture, Engineering, and Sciences program in Dublin for a semester
- AIFS and ISA both offer a Summer Computer Science program in Maynooth
- ISA offers a STEM program in Galway highlighting Science, Technology, Engineering & Math
- Attend the University of Cork through API, Arcadia, IFSA-Butler, or USAC offering full English curriculum in Anatomy, Bio Chemistry, Chemistry, Computer Science, Earth Sciences, Genetics, Geology, and more
- Attend the National University of Ireland in Galway through API, Arcadia, CEA, and IFSA-Butler, offering full curriculum in STEM fields
- Semester and Summer terms available depending on program

[Academic Programs International \(API\)](#)

[American Institute for Foreign Study \(AIFS\)](#)

[Arcadia University](#)

[CIS Abroad](#)

[Cultural Experiences Abroad \(CEA\)](#)

[Council on International Education Exchange \(CIEE\)](#)

[IFSA-Butler University](#)

[International Studies Abroad \(ISA\)](#)

[University Studies Abroad Consortium \(USAC\)](#)

- [Arcadia - Dublin STEM Summer Research \(Neuroscience\)](#) – Summer **\$9250 for 9 credits**

Italy

- **Pay In-State Tuition and fees on ISEP Exchange** to Università degli Studi di Pavia, where upper division English courses are available in Molecular Biology, Genetics, Computer Science, Engineering, and more
- Through Arcadia University, ISA, SAI, and CIS Abroad, English courses are available in Rome and Florence in many areas including Sustainable Architecture, Volcanology, Sustainability, Environmental Studies, Environmental Science, Conservation, Geology, Engineering, Chemistry, Math, Physics, Computer Science, Biology, and more depending on program; not all programs offer upper division courses
- Through API, students can attend Lorenzo de Medici and take English courses in Biology, Chemistry, Math, and Environmental Science (Spring semester has more options)
- Through API, CEA, SAI, or Direct Enroll students can attend John Cabot University in Rome, offering English courses in Computer Science, Math, and Natural Science
- Semester, Quarter, Academic Year & Summer terms available

[International Student Exchange Program \(ISEP\) Exchange](#)

[Academic Programs International \(API\)](#)

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[International Studies Abroad \(ISA\)](#)
[John Cabot University](#)
[Study Abroad Italy \(SAI\)](#)

Netherlands

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
 - Students can study at 2 different universities in The Netherlands through ISEP Exchange including Leiden University and Radboud University Nijmegen, both with STEM courses in English
 - The IES Abroad Psychology & Sciences program offers students access to research, as well as English courses through VU University Amsterdam in STEM fields
 - Take English coursework in IT, Engineering, and Health fields through The Hague University via USAC
 - Semester terms available
- [International Student Exchange Program \(ISEP\) Exchange IES Abroad](#)
[University Studies Abroad Consortium \(USAC\)](#)

Northern Ireland

- **Pay in state tuition and fees through ISEP** to study at two universities in Northern Ireland, including Ulster University in Coleraine & Jordanstown, both specializing in Computer Science, Engineering, and Math
 - Semester and Academic year terms available
- [International Student Exchange Program \(ISEP\) Exchange](#)

Norway

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
 - Through GEO, or directly through the University Center in Svalbard (UNIS), study Arctic Scientific Studies in Svalbard, offering courses and lab experience in Arctic biology, geology, geophysics & applied technology
 - Through USAC, study at the University of Oslo, offering full English curriculum in Biology, Chemistry, Geoscience, Informatics, Math, Mechanics, Pharmacy, Physics, Statistics, Astrophysics, Medicine and more
 - Semester and Academic year terms available
- [International Student Exchange Program \(ISEP\) Exchange](#)
[Global Education Oregon \(GEO\)](#)
[UNIS The University Centre in Svalbard - Arctic University of Norway](#)
[University Studies Abroad Consortium \(USAC\)](#)

Scotland

- Arcadia offers a STEM summer research program in Glasgow for Biology, Chemistry, Math, and Physics
- Study at the University of Stirling through API, Arcadia, ISA, CCIS, or USAC offering full curriculum in Aquatic Science, Biological Science, Computer Science, Environment, Math, Sports Science and more
- Through API or Arcadia, study at the University of Edinburgh with full curriculum in STEM fields
- Through USAC or Arcadia, study at the University of St. Andrews with full curriculum in STEM fields
- Through ISA or Arcadia, The University of Glasgow offers full curriculum in STEM fields
- Through CCIS, The University of Dundee offers courses in STEM fields
- Through Arcadia, The University of Aberdeen offers Computer Science, Engineering, Geological and Earth Sciences/Geosciences, as well as other STEM fields

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- Arcadia University offers a Summer program in Edinburgh focused on History and Geology
[Academic Programs International \(API\)](#)
[Arcadia University](#)
[College Consortium for International Studies \(CCIS\)](#)
[International Studies Abroad \(ISA\)](#)
[University Studies Abroad Consortium \(USAC\)](#)
- [ISA - Glasgow Anatomy, Health, Math, Physics](#) – Summer \$4250 for 7 credits
- [ISA - Glasgow -The Geology of Scotland](#) – Summer \$4650
- [Arcadia - Glasgow STEM Summer Research](#) Summer \$6650 for 9 credits

Spain

- Study in **Granada** through Arcadia University's STEM Research summer program
- Study in **Salamanca** through AIFS, offering health sciences, nursing, health management, pharmacology, or biology courses in English for Fall terms only.
- Study in **Barcelona** through AIFS or **Spanish Studies Abroad Quarter**, both offering STEM programs
- Study in **Seville** via API, CIEE, or ISA at Pablo de Olavide University, offering science courses in English
- Study in **Alicante** through CEA at the University of Alicante, taking English courses in Biology, Botany, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Engineering, Geography, Health Science, Math, Nursing, Physics and more
- Study in **Valencia** through ISA or USAC, which offers English STEM themed programs
- Study in **Madrid** at Suffolk University through API offering English courses in Math & Science
- Study in **Madrid** on IES Abroad's Engineering, Architecture, & Science program with English courses in Math, Engineering, Biotechnology, Food Science, Natural and Physical Sciences, and more
- CIEE and CEA offer a **Madrid** Engineering & Society programs, offering Engineering and Computer Science courses
- South Dakota School of Mines & Technology offers a 5-week summer Geology Field Camp worth 9 quarter credits as a Geology 410 field geology course in the **Pyrenees**
- Semester, Quarter, and Summer terms available depending on program
[Academic Programs International \(API\)](#)
[American Institute for Foreign Study \(AIFS\)](#)
[Arcadia University](#)
- [CEA - Alicante - Liberal Arts](#) – Fall, Spring Semester \$10745
[Cultural Experiences Abroad \(CEA\)](#)
[Council on International Education Exchange \(CIEE\)](#)
[IES Abroad](#)
[International Studies Abroad \(ISA\)](#)
[South Dakota School of Mines & Technology](#)
[Spanish Studies Abroad](#)
[University Studies Abroad Consortium \(USAC\)](#)

Sweden

- [Pay WWU in-state tuition on Exchange for this program through Direct Exchange or ISEP](#)
- Study on **Direct Exchange at the Lulea University of Technology** where English courses are in Computer Science, Engineering, Environmental Science, Health, Nutrition, Math, and more
- Study at **Umea University on Direct Exchange** where English courses are available in Biochemistry, Chemistry, Computer Science, Ecology, Engineering, Environment, and more
- Attend Malarden University through ISEP Exchange, with English courses in Biology, Chemical Engineering, Information Systems, Computer Science, Electronics, Engineering, Energy, Math, Physics, and more

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- Through ISEP Exchange, or USAC study at Linnaeus University, offering English coursework in Biology, Engineering, Computer Sciences, Ecology, Environmental Science and Technology, Forest and Wood Technology, Health, Informatics, Math, Media Technology, Physics, Energy Technology, and more
 - CIEE Uppsala University offers courses in Sciences, Technology, Geology, Earth Sciences, Math, and more
 - USAC Summer Sweden offers courses in Sustainable Innovation, Writing Scientific Essays, and more
 - Semester, Academic Year, and Summer terms available depending on program
- [WWU Direct Exchange - Lulea University of Technology](#)
[WWU Direct Exchange - Umea University](#)
[International Student Exchange Program \(ISEP\) Exchange](#)
[Council on International Education Exchange \(CIEE\)](#)
[University Studies Abroad Consortium \(USAC\)](#)

Wales

- Through Arcadia, study at Swansea University or Bangor University where coursework is available in Science, Math, Technology, Engineering, and more in English
 - Semester and Academic Year terms available
- [Arcadia University](#)

Middle East

Israel

- Themed summer programs in Start-Ups and Innovation & Breakthrough Technologies
 - Courses are taught in English in the fields of Science, Engineering, and entrepreneurship
 - Summer options available
- [Rothberg International School](#)

Jordan

- Through ISA, English coursework is available through Princess Sumaya University for Technology, offering courses in Science, Technology, Agriculture, Health, Engineering, Computer Science, and more
 - Semester and Academic Year options available
- [International Studies Abroad \(ISA\)](#)
- [SIT - Engineering & Design for Sustainable Environments](#) – Summer

Turkey

- Earn 12 quarter credits on AIFS's or IES's 8-week summer program in Istanbul, taking English coursework in Math, Physical Sciences, Engineering and more
 - Study at Bahcesehir University (BAU) through CCIS, ISA or USAC offering STEM courses in English
 - South Dakota School of Mines & Technology offers a summer Geology Field Camp on the North Anatolian Fault in Taskesti, Western Turkey with a GEOL 410 Field Geology course worth 9 quarter credits
 - Semester and summer options available depending on program
- [American Institute for Foreign Study \(AIFS\)](#)
[College Consortium for International Studies \(CCIS\)](#)
[IES Abroad](#)
[International Studies Abroad \(ISA\)](#)
[South Dakota School of Mines & Technology](#)

[University Studies Abroad Consortium \(USAC\)](#)

United Arab Emirates

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
 - Study at The American University of Sharjah through ISEP Exchange, API, CIEE, and IFSA-Butler
 - Courses are taught in English providing an opportunity to study many STEM courses including Engineering, Computer Science, Environmental Sciences, Natural Sciences, and more
 - Semester and Summer options available depending on program
- [International Student Exchange Program \(ISEP\) Exchange Academic Programs International \(API\)](#)
[Council on International Education Exchange \(CIEE\)](#)
[IFSA-Butler University](#)

Qatar

- Courses are taught in English in the fields of Science, Engineering, Health, Math, and more
 - Semester and Summer options available depending on program
- [Academic Programs International \(API\)](#)

Oceania

Australia

- **Pay WWU in-state tuition on Exchange for this program through Direct Exchange or ISEP**
 - Western students can study at the **University of Newcastle, Edith Cowan, or University of Tasmania** through **Direct exchange** and have access to full STEM curriculum at these universities; Newcastle is especially strong for Chemical and Mechanical Engineering, Chemistry, and Marine Science
 - TEAN offers an Energy Tomorrow: Engineering and Management Perspective Summer program focusing on engineering, energy, and technology
 - Study at Universities in Australia through API, AIFS, TEAN, Arcadia, and have access to STEM fields Attend the Royal Melbourne Institute of Technology, University of Technology Sydney, or Queensland University of Technology through ISEP Exchange, Arcadia, TEAN, IFSA Butler, or ISA
 - Macquarie University is strong in Geology courses
 - Field based programs like CIEE, NOLS, Wildlands Studies, The School for Field Studies, or SIT can provide backcountry programs in Rainforest, Reef, Cultural Ecology, Sustainability and Environmental Action
 - Quarter, Semester, Academic Year, Calendar Year, and Summer terms available
- [WWU Direct Exchange - Edith Cowan University](#)
[WWU Direct Exchange - University of Newcastle](#)
[WWU Direct Exchange -University of Tasmania](#)
[International Student Exchange Program \(ISEP\) Exchange Academic Programs International \(API\)](#)
[American Institute for Foreign Study \(AIFS\)](#)
[Arcadia University](#)
[Council on International Education Exchange \(CIEE\)](#)
[IFSA-Butler University](#)
[International Studies Abroad \(ISA\)](#)
[National Outdoor Leadership School \(NOLS\)](#)
[School for Field Studies \(SFS\)](#)

[School for International Training \(SIT\)](#)
[The Education Abroad Network \(TEAN\)](#)
[University Studies Abroad Consortium \(USAC\)](#)
[Wildlands Studies](#)

Fiji

- **Pay WWU in-state tuition on Exchange for this program through ISEP**
- Through field based studies programs like Sea Semester, Western students can participate in ongoing research and engage in independent projects utilizing biological field techniques
- Study at the University of South Pacific through ISEP Exchange or ISA and have access to multiple courses in Biology, Earth Science, Geography, Marine Studies, and Interdisciplinary related subjects
- Semester & Summer terms available depending on program
[International Student Exchange Program \(ISEP\) Exchange](#)
[International Studies Abroad \(ISA\)](#)
[Sea Semester](#)

New Zealand

- Western students can study via NOLS, Wildlands Studies, or EcoQuest and participate in field study projects
- Attend universities through API, AIFS, IFSA Butler, or USAC that offer full STEM curriculum in English
- Quarter, Semester, Academic Year, Calendar Year & Summer terms available
[Academic Programs International \(API\)](#)
[American Institute for Foreign Study \(AIFS\)](#)
[EcoQuest](#)
[IFSA -Butler University](#)
[National Outdoor Leadership School \(NOLS\)](#)
[University Studies Abroad Consortium \(USAC\)](#)
[Wildlands Studies](#)

Research Programs

Arcadia STEM Summer Research

- Participate in a 6-week summer research program with projects in Math, Engineering, Biology, Physics, and Chemistry through the University of Queensland in Australia, with access to labs and unique research opportunities for critical research regarding the Great Barrier Reef and more
- 3.0 GPA or higher
- 9 quarter credits
[Arcadia Study Abroad](#)

EuroScholars

- Participate in EuroScholars, a unique research abroad program where students can study at one of Europe's 11 internationally renowned European Research Universities to take courses and work under direct supervision of professors and academic staff on specific research projects chosen by the student and faculty

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- The EuroScholars program offers a broad range of research projects in almost all fields of interest including Agriculture & Veterinary, Education, Engineering, Manufacturing & Construction, Health & Welfare, Humanities & Arts, Science, Mathematics & Computing, Social Sciences, and Business or Law
- 3.4 GPA or higher, No research experience required but experience in a laboratory setting is ideal
- Programs available in **Belgium, Finland, Germany, Italy, Netherlands, Sweden, and Switzerland**
[ISA/EuroScholars-European Undergraduate Research Opportunities](#)

Field Study & Maritime Research Programs

- Explore oceanic and environmental studies sailing the world via SEA Semester or Semester at Sea
- Experience trekking programs in the backcountry and field study programs like EcoQuest, NOLS, SFS, Wildlands, and Round River Conservation Studies; take courses and gain hands-on experience in oceanic studies, conservation, climate, marine biodiversity, sustainability, biology, environmental studies, & leadership
[EcoQuest](#)
[National Outdoor Leadership School \(NOLS\)](#)
[Round River Conservation Studies](#)
[Sea Semester](#)
[Semester at Sea](#)
[The School for Field Studies \(SFS\)](#)
[Wildlands Studies](#)

Fulbright Commission Summer Institutes

- The US-UK Fulbright Commission offers special Summer Institutes for US citizens to come to the United Kingdom. These summer programs provide the opportunity for US undergraduates (over 18 years old), with at least 2 years of undergraduate study left to complete, to come to the UK on 3-6 week academic and cultural summer programs to explore the culture, heritage, and history of the UK and develop academic ability by improving presentation, research, and communication skills
- Must be a US Citizen and possess a US Passport, be at least 18 years old, have a high level of academic achievement with a minimum GPA of 3.7 (confirmed by academic marks, awards, and references)
- Must have at least 2 years of university study upon their return (i.e. applicants should currently be a Freshman, or Sophomore in college/university)
- Summer terms available; Deadline for this scholarship is usually in mid-February
[Fulbright Commission- Summer Institutes for US Undergraduates](#)

Multidisciplinary International Research Training (MIRT) Fellowship

- The Harvard School of Public Health-Multidisciplinary International Research Training Program is designed to encourage underrepresented students to pursue biomedical and behavioral science research careers
- Students spend 8-12 weeks, beginning in mid-June, at foreign research sites
- Financial support includes: round trip airfare, monthly stipend, foreign living expenses, and health insurance
- Must be a US citizen or permanent resident, Junior status by the time of fellowship, and enrolled full time
- Programs available in **Africa, Asia, Australia, and Latin America**
- Short term & Summer terms available
[Multidisciplinary International Research Training \(MIRT\) Program](#)

Scholarships for STEM

Benjamin Gilman Scholarship

- Gilman Scholarships of up to \$5000 will be awarded this academic year for US citizen undergraduates to study abroad. Award amounts vary depending on length of study and student need
- Must be an undergraduate student receiving a Federal Pell Grant funding at a 2 year or 4-year college
- Semester and Summer terms available

[Benjamin A. Gilman International Scholarship](#)

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](#)

ISEP Scholarship Resources for STEM Students

[Scholarship Opportunities for STEM Students](#)

National Science Foundation Scholarships

[National Science Foundation Scholarships](#)

API STEM Scholarship

[API STEM Scholarship](#)

Additional Program Search Resources

Arcadia STEM Summer Research Programs

- Choose from a range of academic research opportunities across Europe for a wide variety of STEM fields

[Arcadia University](#)

CIEE STEM

- CIEE offers 104 programs in 47 locations with STEM options

[Council on International Education Exchange \(CIEE\)](#)

CIS Abroad STEM

- Take STEM courses abroad to fulfill your major

[CIS Abroad](#)

***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

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[Conduct STEM research in France for 4-9 months](#)

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