

# Engineering & Computer Science



Aerospace

Biological Systems

Biomedical

Chemical

Civil

Computer Engineering

Computer Science

Electrical

Electronics

Engineering Science & Math

Environmental

Industrial

Information Technology

Materials

Mechanical

Systems

## Engineering and computing are global—are you ready to collaborate in multi-cultural contexts?

Exposure to different people, places, and cultures will help you become more comfortable with ambiguity and receptive to new experiences and information. While ISA has programs with robust engineering and computing course offerings from schools accredited by signatories of the [Washington Accord](#), study abroad also gives you an opportunity to explore new course options.

If you need help finding specific courses that you need to take abroad, visit [studiesabroad.com/course-finder](https://studiesabroad.com/course-finder) and our expert advisors will be in touch with you with some program options!



### GET HANDS-ON EXPERIENCE ABROAD

An international internship through ISA can help you stand out in the increasingly competitive job market. Available for a variety of majors, we offer full-time internships (in-person or online!) or add a part-time internship alongside your courses.

Discover internship opportunities available by visiting [internships.studiesabroad.com](https://internships.studiesabroad.com).

#### COURSES IN ENGLISH UNLESS OTHERWISE NOTED

The following list and chart represent only a sampling of available ISA programs. To get more information on the programs shown, as well as information on all other program options, go to [studiesabroad.com](https://studiesabroad.com).

# Engineering & Computer Science

## FEATURED PROGRAMS

### CHILE

#### Valparaíso & Viña del Mar

[Universidad Adolfo Ibáñez](#)

- Industrial Engineering programs at the Universidad Adolfo Ibáñez have been accredited by ABET
- Engineering courses are available in English during the summer program

- Semester and Summer program (STEM is a summer option only)
- ISA Service-Learning and Veritas Christian Study Abroad available
- **Sample Courses:** Dynamics • Mining Exploitation • Rock Mechanics

### COLOMBIA

#### Barranquilla

[Universidad del Norte](#)

- The Civil, Electrical, Electronics, Industrial, Mechanical and Systems Engineering programs at the Universidad del Norte have been accredited by ABET
- Mentored research projects are available
- Engineering courses available in English

- Semester and Summer programs
- **Sample Courses:** Heat Transfer • Renewable Energy • Digital Electronics

### ENGLAND

#### London

[Queen Mary, University of London \(QMUL\)](#)

- Queen Mary is a part of the prestigious Russell Group which makes it a fantastic option if you are looking for a rigorous academic experience
- Engineering programs at QMUL are accredited by the Engineering Council, a signatory (along with ABET) of the Washington Accord

- Semester and summer programs
- **Sample Courses:** Algorithms and Data Structures • Solid Mechanics • Heat Transfer and Fluid Mechanics 1

## IRELAND

### Dublin

#### University College Dublin (UCD)

- UCD's College of Engineering and Architecture is the largest and most comprehensive in all of Ireland
- Unique courses include UCD's Introduction to Scientific Research course and Service-Learning course
- UCD's engineering programs are accredited by Engineers Ireland, a signatory (along with ABET) of the Washington Accord

- Semester program
- **Sample Courses:** Bioprocess Engineering Principles • Environmental Engineering • Soil Mechanics 1

### Galway

#### University of Galway

- The University of Galway's engineering programs are accredited by Engineers Ireland, a signatory (along with ABET) of the Washington Accord

- Semester and Summer programs available (engineering and computing courses only offered during the semester)
- ISA Service-Learning available
- **Sample Courses:** Strength of Materials • Software Engineering 1 • Fluid Dynamics

## SCOTLAND

### Glasgow

#### University of Glasgow

- The James Watt School of Engineering at the University of Glasgow is the oldest School of Engineering in the U.K.
- In recognition of their commitment to innovation in educational practice, the School of Computing Science launched the Centre for Computing Science Education in 2017

- Semester program, plus Summer program in physics with a track for engineering
- **Sample Courses:** IT Architecture • Biological Fluid Mechanics 3 • Mechanics of Solids 3

## SPAIN

### Bilbao

#### Universidad de Deusto

- Engineering and Computer Science courses offered in English
- Engineering Internship available for students with Advanced Spanish proficiency

- Semester program
- **Sample Courses:** Computer Networks • Thermodynamics • Applied Mechanics

### Madrid

#### Universidad Carlos III de Madrid (UC3M)

- Multiple engineering departments at UC3M have been awarded the EUR-ACE label, as they satisfy the standards of the European Network for Engineering Accreditation
- Courses in English with local (Spanish) students

- Semester program
- **Sample Courses:** Biological Systems • Computer Architecture • Power Plants and Heat Engines

### Valencia

#### Universitat Politècnica de València (UPV)

- The Agricultural, Civil, Industrial, and Telecommunication Engineering programs at the Universitat Politècnica de València have been accredited by the Engineering Accreditation Commission of ABET

- Semester program
- Veritas Christian Study Abroad option available
- **Sample Courses:** Dynamics • Material and Energy Balances • Thermodynamics 1

## SOUTH AFRICA

### Cape Town

#### University of Cape Town

- The University of Cape Town is South Africa's oldest university and one of the continent's leading teaching and research institutions

- Semester program
- ISA Service-Learning and Veritas Christian Study Abroad available
- **Sample Courses:** Bioprocess Engineering • Basic Electrical Engineering I • Mechanical Behavior of Materials

## FIND YOUR PROGRAM

Country	City	Host Institution	Aerospace	Biological Systems	Biomedical	Chemical	Civil	Computer Engineering	Computer Science	Electrical	Electronics	Engineering Science & Math	Environmental	Industrial	Information Technology	Materials	Mechanical	Systems	Service-Learning	Veritas Christian Study Abroad
Chile	Valparaíso & Viña del Mar	Universidad Adolfo Ibáñez		X		X	X			X		X	X				X		X	X
Colombia	Barranquilla	Universidad del Norte					X	X		X	X		X	X		X	X	X		
Colombia	Medellín	Universidad EAFIT															X			
England	London	Kingston University					X	X	X			X			X		X			
England	London	Queen Mary, University of London	X		X			X	X	X	X	X			X	X	X	X		
England	London	University of Westminster							X						X					
England	Oxford	Oriel College (University of Oxford)							X							X				
England	Reading	University of Reading							X			X			X					
France	Lille	Université Catholique de Lille											X							
Ireland	Dublin	Maynooth University							X		X	X			X					
Ireland	Dublin	Trinity College Dublin					X	X	X	X	X	X	X			X	X			
Ireland	Dublin	University College Dublin		X	X	X	X		X	X	X	X			X	X	X			
Ireland	Galway	University of Galway			X		X	X	X	X	X	X			X		X		X	
Ireland	Limerick	University of Limerick	X				X	X	X		X	X				X	X		X	
Peru	Lima	Pontificia Universidad Católica del Perú		X							X		X				X			
Scotland	Glasgow	University of Glasgow	X		X		X		X		X	X	X				X			
Scotland	Stirling	University of Stirling							X						X					
South Africa	Cape Town	University of Cape Town				X	X	X	X	X		X					X		X	X
South Africa	Port Elizabeth	Nelson Mandela University					X		X	X		X		X	X		X			
Spain	Bilbao	Universidad de Deusto							X					X	X		X			
Spain	Madrid	Universidad Carlos III de Madrid	X	X	X			X	X	X	X	X	X	X	X	X	X	X		
Spain	Valencia	Universidad Politécnica de Valencia				X			X			X				X	X			X
The Netherlands	Amsterdam	Vrije Universiteit Amsterdam						X	X											

**NOTE: COURSE AVAILABILITIES NOTED ABOVE ARE PRIMARILY IN ENGLISH. MORE COURSES IN THE LOCAL LANGUAGE MAY BE AVAILABLE**



## *THE WORLD AWAITS*

If you're interested in studying abroad in Asia Pacific, check out the offerings from our sister company, TEAN, at [teanabroad.org](http://teanabroad.org).

Visit [studiesabroad.com](http://studiesabroad.com) for information about additional locations and programs or to start your application.

512-480-8522 [isa@studiesabroad.com](mailto:isa@studiesabroad.com)  
**studiesabroad.com**