Study Away Options For

COMPUTER SCIENCE MAJORS

The following is a list of programs which offer Computer Science courses. Computer Science 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 Computer Science 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
Chung-Ang - Chung-Ang University (Exchange)
Established in 1918, CAU in Seoul has taken a leading role in nurturing intellectuals of the nation. Chung-Ang is fully committed to helping Korean and international students realize their life goals and achieve their greatest potential. Computer Science courses include Multicore Computing, Computer Programming, Numerical Analysis and others.

Taiwan
Tamkang - Tamkang University (Exchange)
Established in 1950, Tamkang University in Taipei is the oldest private university in Taiwan. It became the Tamkang College of Arts and Sciences in 1958 before being renamed as Tamkang University in 1980. Take advantage of paying WSU tuition to attend this outstanding university where many of our students study for a full year. Courses available here include Design of Computational Experiments, Optimization Algorithms and Metaheuristics, Digital Image Processing, and Operating System Practices.

Europe

Denmark
Copenhagen - DIS Copenhagen – Computer Science
Examine the social, political, and economic issues associated with sustainable development and the range of Danish and European stakeholders shaping the sustainability agenda. Some possible courses include Game Development: Programming and Practice, and Artificial Neural Networks and Deep Learning.

Italy
Rome – SAI Programs - John Cabot University
JCU is an American university located in the historic Trastevere section of Rome; from this vantage, the splendors of the city are within walking distance. Some of the courses available here include Introduction to Computer Science, Microcomputer Applications, Web Design I/II, Programming Concepts and Applications and many others.

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 of the courses available here include Computer Networks, Introduction to Machine Learning, Computer Graphics, Cryptography and Number Theory and many others.

United Kingdom
London - CIS Abroad Semester in London - University of Westminster

One Semester at Westminster, you can study in London, taking classes for your major or as electives at an internationally recognized institution while exploring this lively, diverse city. Programming Principles, Database Systems, Information Technology Security, Concurrent Programming and many others are some of the courses available at this university.

Aberdeen - [University of Aberdeen (Direct Enroll)](#)
Founded in 1495, the University of Aberdeen is the fifth oldest university in the English-speaking world. At this university there are courses available for all 4 years of your degree. Some of these courses will include Computer Architecture, Computer Programming and Principles, Data Management, Mathematics for Computer Science, Operating Systems and many more.

Stirling - [CIS Abroad Semester in Stirling – University of Stirling](#)
Live in one of the most historic spots in the UK, where the Scottish fought for their independence on this affordable semester program with CIS Abroad! The courses available here include Computer Security and Forensics and Computer Games Development.

Oceania

Australia
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 Applied Programming, Computer Systems, and Algorithm Design & Data 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. Computer Science does not currently have any dedicated faculty-led programs, but the Wall Street program does target computer science majors. The other programs on this list can be used for Goal Areas.

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/

Europe

Czech Republic and Hungary - Cities of Fairytales: Prague and Budapest
6 credits: ART 313 (3 credits) and ART 398 (3 credits) ART 313 counts toward **Goal Areas 6B and 8** Takes place during Summer (18-22 days in May/June) Students complete intensive reading, lecture, studio art practice (design, photography, drawing and painting), group discussions, field trips, and art and design projects to learn and understand contemporary European society.

Italy - Dante in Italy
3 credits for ENG 221 or ENG 432 ENG 221 counts toward **Goal Areas 6A and 8** Takes place during Summer (18-21 days in May) Students will explore the connection between the culture of Florence, Italy and Dante's Commedia (The Divine Comedy).

North America

New York - Wall Street and Main Street
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.

South America

Ecuador - Civic Engagement with Peoples and the Environment in Northwest Ecuador
6 credits in GS 375 GS 375 counts toward **Goal Areas 9 and 10** Takes place during Summer (17-20 days in May/June) Students explore ways local events are linked to global processes and ways Natives are implementing "development with identity" on their own terms, by using intercultural strategies, local and hybrid knowledge sets, and local governance.

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.

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/

BARCELONA SAE PROGRAMS

One placement example: IT company dedicated to the optimization of the ICT area of its clients with managed services and ICT infrastructure projects, applications and service quality solutions. Since 1993, it has 310 professionals, 200 partner certifications and certified quality methodologies (ISO 9001, ISO 20000-1, ISO 27001 and ISO 14001) that guarantee the success of their projects.

Tasks:

- Software development using .net, java and php
- Corrective and evolutionary maintenance for applications
- Support to the IT team

Academic Study Center (SIS) + Internship Semester	In-Person Internships

CEA PROGRAMS

Interns will leverage programming, analysis, and development skills learned in the classroom and apply these skills within a professional setting. Some duties can include but are not limited to: Assisting in programming and development of technology products, Optimizing, analyzing, and reporting search engine optimization (SEO) and online traffic, Writing and modifying computer programming code, Researching, evaluating, and presenting latest technology trends to supervisor and colleagues, Developing systems to improve efficiency and automation of internal and external tools and software(s).

Australia: **Sydney**	Italy: **Rome**

CIS PROGRAMS

Sample description from Dublin: Work with a town planning organization that does Geographic Information Systems (GIS) work. You'll work directly with the manager, assisting them with research, planning, data collection, and database administration, as well as other office tasks such as business development and client communication.

Ireland: **Dublin**