COMPUTER SCIENCE MAJOR

A GUIDE TO STUDY ABROAD

Computer Science majors are encouraged to complete a study abroad experience as part of their degree program. This guide is designed to introduce you to the opportunities that studying abroad brings to your major. A full list of study abroad programs is available on the CGE website: http://bit.ly/FeaturedProgramsPage.

MAJOR SPECIFIC REQUIREMENTS

🌐 While Computer Science majors are not required to study abroad, it is highly encouraged.

STUDY ABROAD CAN HELP YOU

🌐 Apply concepts learned in class by making connections to the greater world.

🌐 Strengthen your understanding of yourself and challenge your perceptions of the world.

🌐 Enhance employment opportunities by providing real-life experience and adaptability.

🌐 Increase your skills and knowledge while earning academic credit.

FINANCIAL SUPPORT

🌐 Use federal, state and other financial aid. i.e. Pell, Hope/Zell

🌐 Institutional and national study abroad scholarships available

🌐 CGE/NCS provide assistance in researching and applying for funding sources

COST COMPARISON*

Cost of a summer at UNG: $6,000-10,000 vs
Cost of a summer abroad: $6,000-$12,000

Cost of a semester at UNG: $14,000-20,000 vs
Cost of a semester abroad: $11,000-$30,000

*Costs estimates include: tuition, fees, housing, meals, travel, and insurance. Costs are subject to change.

HOW DO I GET STARTED?

1: **Plan Early! Investigate Programs**
This brochure is a starting point. Check the CGE website for more programs and information.

2: **Speak with an Education Abroad Advisor**
Education Abroad Advisors are professional staff members that can assist you with the study abroad process. You can schedule a meeting online.

3: **Speak with a Professional/Faculty Advisor**
Discuss how the program fits into your academic plan. You can find your academic advisor on the Tranguid in Banner.

4: **Research Funding**
Funding opportunities can be found through the following:
• Financial Aid Office
• Nationally Competitive Scholarship Office
• Center for Global Engagement's Webpage

5: **Apply!**

6: **Pack your bags!**

"I found early on during my time studying abroad a core principle that still holds true as I serve in the Army today. If you speak to someone in their second language, you speak to their mind. If you speak to someone in their first language, you speak to their heart. Holistically it provided me the opportunity to understand different cultures at a deeper level beyond what can be comprehended from a textbook or the internet. Ultimately It helped me fully embody the Cyber-Language-Leader concept that UNG instills in their cadets."

Joseph Peterka, Latvia

Asia/Pacific:

SOGANG UNIVERSITY

- **Location:** Seoul, South Korea
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Computer Programming, Computer Architecture, Digital Logic Design, Intro to Computer System, Intro to Cryptography, Computer Graphics, Dynamic Programming
- **Price Range:** $11,000-13,000 (direct)

ISEP: EWHA WOMANS UNIVERSITY

- **Location:** Seoul, South Korea
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Computer Architecture, Information System Security, Cloud Computing, Machine Learning, Algorithm & Computational Complexity, Blockchain Application Development
- **Price Range:** $15,000-17,000 (exchange or direct)

ISEP: UNIVERSITY OF AUCKLAND

- **Location:** Auckland, New Zealand
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Algorithms and Data Structures, Object Oriented Software Development, Operating Systems, Human-computer Interaction, Machine Learning, Artificial Intelligence, Computer Architecture
- **Price Range:** $22,000-24,000 (direct)

ISEP: MASSEY UNIVERSITY

- **Location:** Auckland, New Zealand
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Games Programming, Algorithms and Data Structures, Artificial Intelligence, Programming Languages, Algorithms and Concurrency, Computer Graphics, Logic, Object-Oriented Programming, Mobile Application Development, Hardware-Oriented Computing
- **Price Range:** $16,000-18,000 (exchange) or $21,000-23,000 (direct)

ISEP: BINUS UNIVERSITY

- **Location:** Jakarta, Indonesia
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Computer Networks, Object Oriented Programming, Agile Software Development, Data Structures, Database Systems, Computer Security Fundamentals, Software Security, Cyber Law, Programming Mastery, Advanced Information Systems Analysis and Design, Algorithms and Data Structures, Artificial Intelligence, Fundamentals of Data Science, Software Engineering, Algorithm and Programming, Program Design Methods
- **Price Range:** $15,000-17,000 (exchange)

WORLDSTRIDES: SEMESTER AT MAHIDOL UNIVERSITY

- **Location:** Bangkok, Thailand
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Computer Essentials, Programming and Problem Solving, Cryptography: The Science of Making and Breaking Codes, Digital Security and Privacy, Intro to Artificial Intelligence, Intro to Computer Programming, Data Structures and Abstractions, Principles of Computer Systems and Architecture, Software System Construction, Computer Networks, Software Engineering, Machine Learning, Computer Architecture
- **Price Range:** $15,000-17,000 (direct)

WORLDSTRIDES: SEMESTER AT UNIVERSITY OF THE SOUTH PACIFIC

- **Location:** Suva, Fiji
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Intro to Computer Science, Data Structures and Algorithms, Intro to Software Engineering, Intro to Computer Networks and Security, Cloud Computing, Operating Systems, Design & Analysis of Algorithms, Cybersecurity Principles, Artificial Intelligence
- **Price Range:** $19,000-21,000

The Middle East:

ISEP: AMERICAN UNIVERSITY OF SHARJAH

- **Location:** Sharjah, United Arab Emirates
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Programming I, Programming II, Data Structures and Algorithms, Operating Systems, Artificial Intelligence, Cloud Computing, Computer Graphics, Machine Learning and Data Mining
- **Price Range:** $15,000-17,000 (exchange) or $22,000-24,000 (direct)

Programs may not be available every year.

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Europe:

ABERYSTWYTH UNIVERSITY
- **Location:** Aberystwyth, Wales
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Introduction to Computer Infrastructure, Introduction to Programming, Foundation Programming, Computational Intelligence, Information Security
- **Price Range:** $15,000-17,000

JOHN CABOT UNIVERSITY
- **Location:** Rome, Italy
- **Program Length:** Semester or Summer (4 weeks)
- **Credits:** 12-15 credit hours (3-6 credit hours in summer)
- **Sample Courses:** Computer Office Applications, Web Design I, Web Design II, Programming Concepts and Applications, Algorithms and Data Structures, Intro to Data Science
- **Price Range:** $25,000-27,000 (semester) or $10,000-$12,000 (summer)

ISEP: UNIVERSITY OF TARTU
- **Location:** Tartu, Estonia
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Programming, Introduction to Coding Theory, Cryptography, Systems Modelling
- **Price Range:** $15,000-17,000 (exchange) or $15,000-17,000 (direct)

ISEP: UNIVERSITY OF BRADFORD
- **Location:** Bradford, UK
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Computer Architecture and Systems Software, Software Development, Database Systems, Data Structures and Algorithms, System Security Management, Artificial Intelligence, Machine Learning
- **Price Range:** $15,000-17,000 (exchange)

CIEE: ARTS + SCIENCES (TRINITY COLLEGE DUBLIN)
- **Location:** Dublin, Ireland
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Intro to Computing, Computers and Society, Software Applications, Systems Programming, Software Engineering , Algorithms & Data Structures, Computer Architecture
- **Price Range:** $31,000-33,000

CIEE: ENGINEERING + SOCIETY (UNIVERSIDAD CARLOS III DE MADRID)
- **Location:** Madrid, Spain
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Operating Systems, Computer Structure, Software Engineering, Algorithms and Data Structures, Logic, Software Development, Artificial Intelligence
- **Price Range:** $25,000-27,000

WORLDSTRIDES: SEMESTER AT UNIVERSITY OF STIRLING
- **Location:** Stirling, Scotland
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Programming and User Interface Design, Mobile App Development, Multimedia and HCI, Operating Systems, Concurrency and Distribution, Artificial Intelligence, Software Engineering
- **Price Range:** $23,000-25,000

WORLDSTRIDES: SEMESTER AT VRIJE UNIVERSITEIT AMSTERDAM
- **Location:** Amsterdam, The Netherlands
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Computational Thinking, Concurrency & Multithreading, Computer Organization, Software Design, History of AI, Secure Programming, Operating Systems
- **Price Range:** $25,000-27,000

WORLDSTRIDES: SEMESTER AT THE AMERICAN COLLEGE OF GREECE
- **Location:** Athens, Greece
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Computer System Architecture, Introduction to Computer Networks, Introduction to Programming, Object Oriented Programming, Operating Systems Concepts
- **Price Range:** $23,000-25,000

WORLDSTRIDES: SEMESTER AT UNIVERSITY COLLEGE DUBLIN
- **Location:** Dublin, Ireland
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Data Structures and Algorithms II, Databases and Information Systems, Introduction to AI, Object-Oriented Programming, Programming I & II, Web Design, Cloud Computing
- **Price Range:** $26,000-28,000

WORLDSTRIDES: SEMESTER AT KINGSTON UNIVERSITY
- **Location:** London, England
- **Program Length:** Semester
- **Credits:** 12-15 credit hours
- **Sample Courses:** Advanced Databases and the Web, Database and UML Modelling, Optimized Programming for Games Devices, Programming I and II
- **Price Range:** $23,500-25,500