

think: study abroad

QUICK AND EASY OPTIONS COMPUTER & DATA SCIENCE SEMESTER ABROAD

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“Studying abroad in Spain was a transformative experience. The unique nature of classes allowed for more autonomy and flexibility, granting me valuable time for personal exploration and growth... to explore new hobbies, build connections, and enjoy outdoor activities, all while fulfilling the requirements for my major.

It was a perfect blend of learning and living, leaving a lasting mark on both my personal and academic growth”

~CWRU Computer Science student

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CWRU Computer Science

SEMESTER ABROAD PRE-APPROVED COURSES

University College Dublin

UCD Course

CWRU Match

- | | |
|---|--------------|
| • Databases & Info Systems (COMP20070) | • CSDS 341 |
| • Computer Networking (COMP20320) | • CSDS 325 |
| • UNIX Programming (COMP20200) | • CSDS 285 |
| • Foundations of Computing (COMP30010) | • CSDS 343 |
| • Intro to AI (COMP30030) | • CSDS 391 |
| • Information Security (COMP30940) | • CSDS 344 |
| • Computer Graphics I (COMP30020) | • CSDS 366 |
| • Information Theory (COMP30690) | • CSDS 394 |
| • Data Mining (COMP40370) | • CSDS 335 |
| • Swift Programming (COMP47390) | • CSDS 392 |
| • Machine Learning (COMP47490) | • CSDS 340 |
| • Multi-paradigm Programming (COMP30950) | • CSDS 300TR |
| • Program Construction I (COMP30060) | • CSDS 300TR |
| • Connectionist Computing (COMP30230) | • CSDS 300TR |
| • Parallel Computing (COMP30250) | • CSDS 300TR |
| • Cloud Computing (COMP30520) | • CSDS 300TR |
| • Information Visualisation (COMP40610) | • CSDS 300TR |
| • Multi-Agent Systems (COMP41400) | • CSDS 300TR |
| • Augmented & Virtual Reality (COMP47930) | • CSDS 300TR |

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SEMESTER ABROAD PRE-APPROVED COURSES

Universidad Carlos III de Madrid

UC3M Course

CWRU Match

- | | |
|--|--------------|
| • Intro to Data Science (16475) | • CSDS 133 |
| • Automata and Formal Language Theory | • CSDS 343 |
| • Statistical Learning (16487) | • CSDS 313 |
| • Software Engineering (15974) | • CSDS 393 |
| • Computer Architecture | • CSDS 314 |
| • Computer Networks (13884) | • CSDS 325 |
| • Cryptography and Computer Security | • CSDS 344 |
| • Massive Computing (16499) | • CSDS 312 |
| • Web Applications (16497) | • CSDS 221 |
| • Cybersecurity Engineering | • CSDS 300TR |
| • Software Development Projects Mgmt | • CSDS 300TR |
| • AI in Business (15764) | • CSDS 300TR |
| • Data Architecture (19473) | • CSDS 300TR |
| • Data Analysis (19479) | • CSDS 300TR |
| • Accessibility and Design for All (19477) | • CSDS 300TR |
| • Data integration and Visualization (19483) | • CSDS 300TR |
| • Heuristics and Optimization (15976) | • CSDS 300TR |
| • User Interfaces (13882) | • CSDS 300TR |
| • Machine Learning II (16498) | • CSDS 300TR |

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SEMESTER ABROAD PRE-APPROVED COURSES

Universidad Carlos III de Madrid cont...

UC3M Course

- Data integration and Visualizaion (19483)
- Artificial Neural Network (13898)
- Cyberphysical Systems Engineering
- Computer Technogoes for the Web (15756)
- Concurrent and Parallel Programming
- Functional Programming (19485)
- Machine Learning in Healthcare (16803)
- Web Analytics (16507)
- Fundamentals of Bioionformatics (16807)
- Functional Data analysis (16645)
- Internet Networking Technologies for Big Data (17499)

CWRU Match

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