



2020-2021

COMPUTER SCIENCE

- ▶ Abu Dhabi
- ▶ Shanghai
- ▶ Paris

Engage with a new culture and stay on track with your Computer Science major through coursework offered around the world. Join NYU Abu Dhabi's multinational student community, where you can work with faculty members at research institutes and centers that drive technology forward. Advance your knowledge of computer technology in a capital city known for its rich cultural and political history at NYU Paris. Study at NYU Shanghai in China, a hotbed for technology start-ups and a major player in the global internet industry. Coursework at all three locations provide computer science students from NYU's Tandon School of Engineering and NYU's Courant Institute of Mathematical Sciences with the exciting opportunity to continue their studies abroad. All locations offer the benefit of small class sizes, allowing students to have more interaction with their professors. With this opportunity to spend a semester or full year at the Abu Dhabi or Shanghai campus or the NYU Paris academic center, students gain incredible knowledge of how different cultures interact with technology and obtain global training in their field of study.

**NYU
GLOBAL
PROGRAMS**



NYU ABU DHABI

Choose from an extensive selection of computer science courses drawn from NYU Abu Dhabi's four-year curriculum. With a 5-to-1 student-to-faculty ratio, students receive individualized attention as they learn the fundamental principles of computer science and gain a working knowledge of software development. **Students are encouraged to meet with their academic adviser to determine how these courses will count toward their major requirements and degree progress.**

SELECT COMPUTER ENGINEERING AND COMPUTER SCIENCE COURSES

- ▶ Advanced Digital Logic
- ▶ Algorithms
- ▶ Artificial Intelligence
- ▶ Computer Graphics
- ▶ Computer Networks
- ▶ Computer Security
- ▶ Computer Systems Organization
- ▶ Database Systems
- ▶ Discrete Mathematics
- ▶ Natural Language Processing
- ▶ Operating Systems
- ▶ Software Engineering

NYU PARIS

Master the basics of computer science while living in one of the great cosmopolitan centers of the world.

COMPUTER SCIENCE COURSES

- ▶ Data Structures
- ▶ Introduction to Computer Security
- ▶ Introduction to Machine Learning
- ▶ Introduction to Operating Systems

NYU SHANGHAI

Study computer science in Shanghai, a city that redefines world culture and commerce. Students gain experience through programming projects in languages such as Python and Java and develop a deeper understanding of key concepts. **Students are encouraged to meet with their academic adviser to determine how these courses will count toward their major requirements and degree progress.**

SELECT COMPUTER SCIENCE COURSES

- ▶ Algorithms
- ▶ Computer Architecture
- ▶ Databases
- ▶ Data Structures
- ▶ Discrete Mathematics
- ▶ Introduction to Computer Programming
- ▶ Introduction to Computer Science
- ▶ Introduction to Optimization and Mathematical Programming
- ▶ Machine Learning
- ▶ Operating Systems

Course offerings at all global locations are subject to change and can vary by semester. Not all course options are available to all students. See nyu.edu/global-programs for the most up-to-date information.



STUDENT LIFE

On-site staff provide support for students and are available to answer any questions that may arise. Orientation, trips, student clubs, and language exchanges throughout the semester help students connect with one another and their host culture. Housing varies by location and is guaranteed to all students.

HOW TO APPLY

For more detailed information, including a complete list of current course offerings and application guidelines, visit the NYU Office of Global Programs website at nyu.edu/global-programs. Information about Summer Session and January Term programs can be found at nyu.edu/summer and nyu.edu/january. Financial aid and scholarships are available.

FOR MORE INFORMATION

Admissions Process
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212-998-4433
global.admissions@nyu.edu

Academics
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