

MSc Computer Science (Software Development)

Apply now to start
in September 2023
or January 2024

Award

MSc Computer Science
(Software Development)

Degree Awarding Body

Northeastern University
London

Location

St Katharine Docks, London

Study mode

Full-time (FT) or
part-time (PT)

Duration

One year (FT) or
two years (PT)

Start date

6th September 2023
8th January 2024

Annual tuition fees

Home: £11,000 (FT),
£5,500 (PT)
International:
£23,000 (FT), £11,500 (PT)

Scholarships

September 2023 cohort
Home: £1,500
International: £3,500
January 2024 cohort
Home: £1,000
International: £2,500

Entry Requirements

Upper second-class
honours degree or above
(US GPA 3.0) or equivalent in
computer science or related
engineering discipline.

English language proficiency:
IELTS 6.5 (6.0 in each band)
or equivalent.

Overview

Designed to prepare graduates for a multitude of careers in the technology sector, our MSc Computer Science (Software Development) builds upon the established MS Computer Science (MScS) offered by the Khoury College of Computer Sciences at Northeastern University.

Students on the programme acquire advanced software development skills combined with key competencies in the application of algorithmic and theoretical computer science principles to solve wide-ranging problems.

Indicative Course Topics

- Programming Design Paradigm
- Algorithms
- Data Management Systems
- MSc Software Development Individual Project
- Foundations of Software Engineering
- Web Development
- Mobile Application Development
- MSc Software Development Individual Project
- Foundations of Artificial Intelligence
- Building Scalable Distributed Systems
- MSc Software Development Individual Project

The courses that run in each academic year are subject to change in line with faculty availability and student demand so there is no guarantee every course will be delivered.

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nulondon.ac.uk/computerscience

Key Features

- Explores wide-ranging disciplines including programming, design, algorithms, software engineering, data management, artificial intelligence and machine learning.
- Delivers practical experience in deploying tools and techniques across a variety of applications areas including software development, website, mobile and scalable systems.
- Incorporates three individual software development projects which challenge students to develop and defend a solution to a substantial real world problem by applying the state-of-the-art techniques and tools they have studied.
- Provides an opportunity for students to pursue an interdisciplinary project in digital humanities and computer or data, under the joint supervision of academic advisors from each discipline.
- Extends opportunities for students to network with our partner-employers in the technology and public sector, while studying just minutes from both London's Central Business District and East London Tech City.

Career Outcomes

The MSc Computer Science (Software Development) is designed to produce graduates who are equipped to succeed in a variety of technology sector jobs including Computer Consultant, Software Engineer, and Software Developer.

In addition to their degree, students of the MSc Computer Science (Software Development) have access to personalised guidance to help clarify and create practical plans to achieve career aspirations. In addition, they enjoy opportunities to network with our partner-employers in the technology and public sector, while studying just minutes from both London's Central Business District and East London Tech City.



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NU London is situated a few minutes from London's Central Business District and East London Tech City. The area is home to the Stock Exchange and the Bank of England, as well as finance and commerce sectors, the law profession, cultural organisations, creative industries, tech companies and start-ups.

This document is prepared ahead of the academic period to which it relates to provide potential students with an overview of the programmes for which they are applying. As a result, there may be infrequent occasions when the University is unable to offer individual courses, degree programmes, or services described herein. Furthermore, the University reserves the right to withdraw individual courses or degree programmes where there is an insufficient number of applications or confirmed students to make the course viable. On such occasions, students will be informed of changes within a reasonable timescale and another individual course or degree programme will be offered, which will have equal academic benefit to the course or degree programme originally described.

From time to time, individual faculty members may stop teaching at the University. In such instances, the University will undertake reasonable endeavours to ensure that students are taught by another academic with an appropriate level of qualification, research interests, and experience.

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