



# MSc Computer Science (Software Development)

Apply now to start in January 2023

Northeastern University  
London



#### 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

9th January 2023

#### Annual tuition fees

Home: £11,000 (FT),  
£5,500 (PT)

#### International:

£23,000 (FT), £11,500 (PT)

#### Scholarships for January 2023 cohort

Home: £2,000

International: £7,000

#### Entry Requirements

BSc in Computing,  
Engineering or Mathematical  
Sciences. Upper second-  
class honours degree or  
above (US GPA 3.0) or  
equivalent 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.

#### Courses

- 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.

**Apply now for January 2023 entry to the MSc Computer Science (Software Development)**

[nulondon.ac.uk/january2023](https://nulondon.ac.uk/january2023)

## 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

## Immigration Opportunities

- The University can sponsor students for a Tier 4 international student visa, allowing full-time students to work part-time in the UK.
- The programme also offers the opportunity to stay and work in the UK for up to two years after graduation via the Graduate Route Post Study Work Visa.
- Spouses and children under 18 years old are also eligible to apply and come to the UK as student dependents. Dependents will be allowed to work full-time and will be able to switch to the graduate route dependent visa from within the UK.
- Students starting January 2023 will be required to pay for the priority student visa service to ensure their timely visa processing and arrival in the UK.

## 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.





**NU London is part of Northeastern University's Global Campus Network which also comprises campuses in Boston, Charlotte, San Francisco, Seattle, Silicon Valley, Toronto and Vancouver.**

**As part of Northeastern University's Global Campus Network, NU London has a global outlook which offers students exciting networking opportunities and experiences. Students also benefit from a wide range of resources, including journals, ebooks and databases, shared across campuses.**

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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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