DE MONTFORT UNIVERSITY DUBAI

MADE FROM MORE

Artificial Intelligence MSc

SINCE 1870

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Why choose De Montfort University

Founded in 1870, De Montfort University (DMU) Leicester has grown into a global institution with 26,000 students and 2,600 staff. Our passionate and enthusiastic lecturers have excelled in the National Teaching Fellowship awards – the most prestigious awards for excellence in higher education. Our academics have industry experience, and our researchers have made a real difference in people's lives.

Our courses embed employability in their curriculum, and our research feeds into students' learning. DMU Leicester has been ranked in the top 20 universities for graduate prospects in The Sunday Times Good University Guide 2020. Previous DMU graduates have gone on to win Oscars and work with organisations such as the BBC, HSBC, Nike, BMW and the NHS. At DMU Dubai, we welcome students from all backgrounds and are proud to offer the perfect combination of award-winning teaching, excellent facilities and a fantastic student experience.

Schools and Departments

All De Montfort University (DMU) students belong to one of our four faculties. Each faculty delivers a wide range of courses to students, oversees world-changing research, and fosters enviable commercial links that inform our teaching and ensure DMU courses are relevant to modern employers.

The Faculty of Computing, Engineering and Media trains engineers, computer scientists and media technologists. From cyber security and games programming to electronic engineering and radio production, teaching and research are exceptionally varied and constantly updated and enhanced to ensure industry relevance.

Education 2030

We want to ensure you have the best learning experience possible and a supportive and nurturing learning community. That's why we're introducing a new block model for delivering the majority of our courses, known as Education 2030. This means a more simplified timetable where you will study one subject at a time instead of several at once. You will have more time to engage with your learning and get to know the teaching team and course mates. You will receive faster feedback through more regular assessment, and have a better study-life balance to enjoy other important aspects of university life.

TEF 2023 Silver Teaching Excellence Framework

Forage Top University for Work-Based Learning 2023 WINNER

EXCELLENT QS

Ofsted Good Provider

Course overview

Artificial Intelligence (AI) encompasses the techniques and methods used to tackle problems that traditional approaches to computing struggle to solve. The four areas of fuzzy logic, evolutionary computing, neural networks, and natural language processing encompass much of what is considered artificial intelligence. Depending on your interests, you can apply what you learn in areas such as robot control and game development.

You will study neural systems, natural language processing, and research methods and applications while developing your skills in our dedicated robotics laboratory, equipped with various mobile robots. The applied computational intelligence module considers knowledge-based systems and AI's historical, philosophical, and future implications and focuses on current research and applications.

Key features

- Artificial intelligence is a growing industry across the globe. Students can delve into game development, control systems, software engineering, internet businesses, financial services, mobile communications, programming, and software engineering.
- The programme module features work based on research by our IAI and focus on the use of fuzzy logic, artificial neural networks, evolutionary computing, and mobile robotics, providing theoretically sound solutions to real-world decision-making and prediction problems.
- Students will be introduced to concepts such as AI laboratories featuring cutting-edge workstations and technologies such as the Emotiv Flex Gel Sensor Kit and Emotiv PRO, the Lynxmotion Hexapod robot, Turtlebots, HTC Vive development kits, a 3D printer, and Lego EV3 Kits.
- With available full-time or part-time learning and study options, your studies can keep pace with work and other commitments. This makes the course ideal for recent graduates and professionals already employed.
- The programme leaders are experienced professionals dedicated to ensuring students receive a high-quality education. They are readily available to answer any questions or concerns students may have regarding the accreditation process or the course content.
- DMU Dubai students can now benefit from the Industry Advisory Board, which comprises leading experts and professionals at the enterprise level. The board provides valuable insights and guidance to ensure the curriculum remains relevant and current with industry trends and demands.

Teaching and assessments

The course consists of an induction unit, four modules and an individual project. Teaching is normally delivered through lectures, seminars, tutorials, workshops, discussions and e-learning packages. Assessment is via coursework only and will usually involve a combination of individual and group work, presentations, essays, reports and projects.

Students will normally attend around 12 hours of timetabled taught sessions each week, with approximately 28 additional hours of self-directed independent study and research to support your assignments and dissertation per week.

Course	**Artificial Intelligence**
Award	**MSc**
Duration and Mode	**1 year full-time/2 years part-time**
Delivery	**Evening**
Intake	**January/September**
Annual Fees	**AED 89,250 (including 5% VAT)**

Scholarships and flexible payment plans available

Course modules

More info

Block 1
Neural Systems and Natural Language Processing

Block 2
Artificial Intelligence for Mobile Robots

Block 3
Fuzzy Logic and Evolutionary Computing

Block 4
Research Methods & Applications

Block 5 & 6
Thesis Project

*All modules are indicative and based on the current academic session.

Entry criteria

- Applicants will typically hold an undergraduate degree with a minimum pass of 2:2 or equivalent overseas qualification.
- Professional qualifications deemed to be of equivalent standing will be considered on an individual basis.
- Work experience is not a requirement. However, applications from those without formal qualifications but with significant professional experience in the relevant field will be considered individually.

English requirements

If English language was not the medium of instruction in your previous academic qualification an IELTS score of 6.0 or equivalent when you start the course is essential.

Students with other qualifications may also be considered. Please scan the QR code or contact Admissions Office for details

Enquire Now

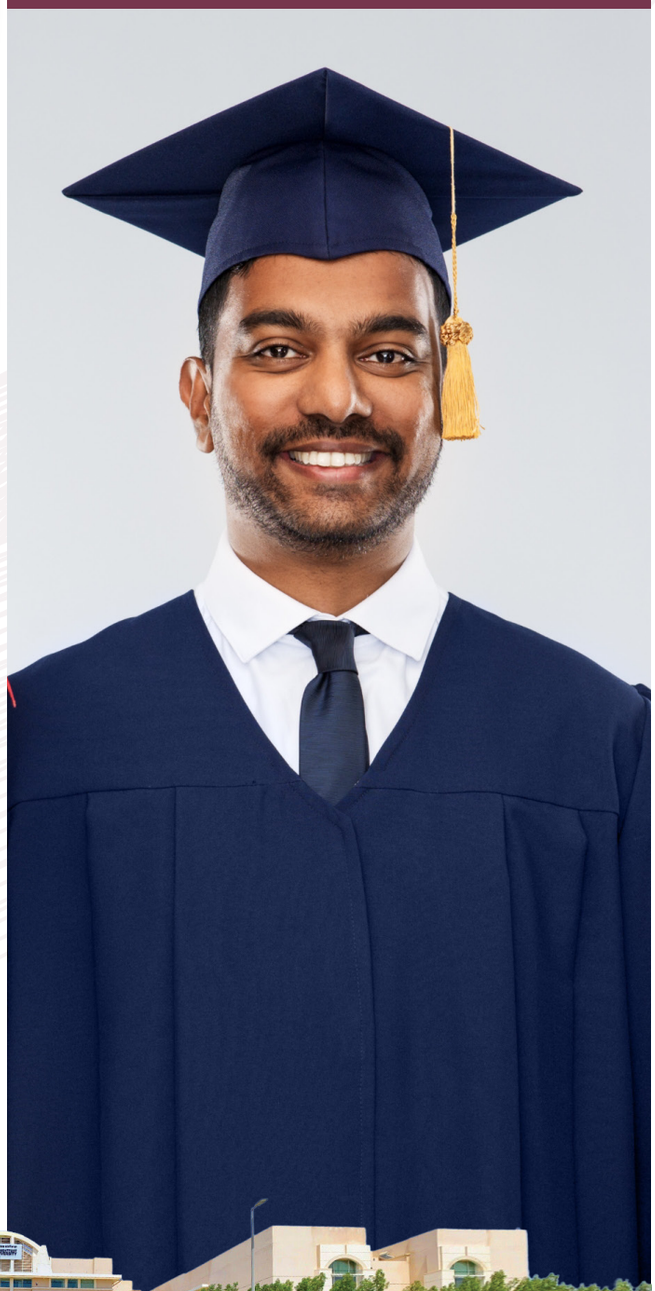
Prof. Katie Normington
Vice-Chancellor
De Montfort University

Simon Bradbury
Pro Vice-Chancellor International
De Montfort University

Prof. Michael Gallimore
Head of Campus
De Montfort University Dubai

Artificial Intelligence Graduate careers

Graduates in this highly popular field can choose a wide range of career growth options. A growing number of organizations and industries are now using AI for numerous purposes, like automating activities, increasing output, and optimizing decisions through the use of intelligent systems and data. AI can assist with customer service inquiries, financial transactions, and extracting meaningful insights from large amounts of data.



Career support

Scholarships

Enquire Now

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DMU Dubai Admissions Office is open from Monday to Saturday 9am to 5pm

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Virtual Tour