

# Birmingham City University (BCU)

[www.bcu.ac.uk](http://www.bcu.ac.uk)

## MSc Artificial Intelligence

**Location:** Birmingham

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £17,710

**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

### Modules

**In order to complete this course, you must successfully complete all the following CORE modules (totalling 140 credits):**

- Computing for AI - 20 credits
- Machine Learning - 20 credits
- Applied AI - 20 credits
- Deep Learning - 20 credits
- Individual Master's Project - 60 credits

**In addition, you must choose either to study the AI Pathway or the Fintech Pathway and successfully complete 40 credits from the following PATHWAY modules:**

- Data Visualisation (AI Pathway) - 20 credits
- Impact of AI (AI Pathway) - 20 credits
- Risk Management in Fintech (Fintech Pathway) - 20 credits
- Portfolio Analysis (Fintech Pathway) - 20 credits

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# University of the West of England (UWE Bristol)

[www.uwe.ac.uk](http://www.uwe.ac.uk)

## MSc Artificial Intelligence

**Location:** Bristol

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £16,750

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

### Content

#### Core modules

- AI for Search and Optimisation
- AI Group Project Model
- Knowledge-based and Hybrid Systems
- Machine Learning Algorithms
- Machine Learning for Language and Vision
- Statistical Inference.

#### Plus two optional modules from:

- Advanced Statistics
- Big Data
- Business Intelligence and Data Visualisation
- Cloud Computing
- Data and Information Governance
- Designing the User Experience
- Knowledge Management
- Linked, Open Data and the Internet of Things
- Social Media and Web Science.

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**MSc Artificial Intelligence**

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £25,000

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

**Course content**

**Compulsory**

- Quantitative Data Analysis
- Critical Analysis of Modern Data
- Data Visualisation
- Research Project Management
- Ethics and Governance of Digital Systems
- Machine and Deep Learning
- Artificial Intelligence
- Predictive Data Analysis

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**Coventry University**

**MSc Artificial Intelligence and Human Factors**

**Location:** Coventry Campus

**Start:** September, May

**Duration:** 1 year

**Tuition Fees:** £18,600

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

**Modules:**

- Soft Computing Based Artificial Intelligence - 15 credits
- Decision Making for AI Systems - 15 credits
- Neural Network Systems - 15 credits
- Project Management in Engineering Organisations - 15 credits
- Security of Emerging Connected Systems - 15 credits
- CAV Human Factors - 15 credits
- Human Factors and Safety Management - 15 credits
- Individual Research Project Preparation - 15 credits
- Entrepreneurial Practice - 10 credits
- Individual Project - 50 credits

**MSc Control, Automation and Artificial Intelligence**

**Location:** Coventry Campus

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £20,050

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

**Modules:**

- Linear Control Systems Analysis and Design - 15 credits
- Programming and Simulation for Control - 15 credits
- System Modelling and Identification - 15 credits
- Automation and Robotics - 15 credits
- Optimisation and Adaptive Control - 15 credits
- Data Acquisition and Embedded Control - 15 credits
- Postgraduate Dissertation Project - 50 credits
- Leading Strategic Change through Creativity and Innovation - 10 credits

**Control Engineering Pathway**

- Non-Linear Control Engineering – 15 credits
- Advanced Control Systems Analysis and Design – 15 credits

**Automation Pathway**

- Advanced Control Systems Analysis and Design – 15 credits
- Digital Signal and Image Processing – 15 credits

**Intelligent Systems Pathway**

- Digital Signal and Image Processing – 15 credits
- Artificial Neural Network – 15 credits

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**De Montfort University**

[www.dmu.ac.uk](http://www.dmu.ac.uk)

**MSc Artificial Intelligence**

**Location:** Leicester

**Start:** September, January

**Duration:** 1 year (September), 18 months (January)

**Tuition Fees:** £17,600

**Requirement:** IELTS 6.0 (5.5 each band)

**Course modules:**

- **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
- **Blocks 5 & 6** Thesis Project

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**University of East London (UEL)**

[www.uel.ac.uk](http://www.uel.ac.uk)

**MSc Artificial Intelligence**

**Location:** London

**Start:** September, January

**Duration:** 1 year

**Tuition Fees:** £15,240

**English requirement:** UKVI IELTS 6.0 (with minimum 6.0 in writing and speaking, and 5.5 in listening and reading)

**Course content**

**CORE MODULES**

- Artificial Intelligence & Machine Vision
- Machine learning on Big Data
- Intelligent Systems
- Mental Wealth; Professional Life (Dissertation)
- Big Data Analytics

**MSc AI and Data Science**

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £15,960

**English requirement:** UKVI IELTS 6.0 (with minimum 6.0 in writing and speaking, and 5.5 in listening and reading)

**Course content**

**CORE MODULES**

- Software Engineering
- Artificial Intelligence & Machine Vision
- Machine learning on Big Data
- Mental Wealth; Professional Life (Dissertation)
- The Fundamentals of Artificial Intelligence

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## MSc Artificial Intelligence

**Location:** Colchester

**Start:** January

**Duration:** 1 year

**Tuition Fees:** £21,350

**English requirement:** UKVI IELTS 6.0 (with minimum 5.5 in all component)

### Course content

#### Year 1

##### Compulsory

- Group Project (15 CREDITS)
- Professional Practice and Research Methodology (15 CREDITS)
- Intelligent Systems and Robotics (15 CREDITS)
- Machine Learning (15 CREDITS)
- Neural Networks and Deep Learning (15 CREDITS)
- MSc Project and Dissertation (0 CREDITS)

##### Optional: Optional from list (45 credits)

- Information Retrieval (15 CREDITS)
- Information Retrieval (15 CREDITS)
- Text Analytics (15 CREDITS)
- Text Analytics (15 CREDITS)
- Physics-Based Games (15 CREDITS)
- Computer Vision (15 CREDITS)
- Data Science and Decision Making (15 CREDITS)
- Computational Models in Economics and Finance (15 CREDITS)
- Big-Data for Computational Finance (15 CREDITS)
- Big-Data for Computational Finance (15 CREDITS)

#### Final year

##### Core with options (60 credits)

- MSc Project and Dissertation (60 CREDITS)
- MSc Industry Based Project and Dissertation (60 CREDITS)

## MSc Artificial Intelligence and its Applications

**Location:** Colchester

**Start:** January

**Duration:** 1 year

**Tuition Fees:** £21,350

**English requirement:** UKVI IELTS 6.5 (with minimum 5.5 in all component)

### Course content

#### First year

##### Compulsory

- Professional Practice and Research Methodology (15 CREDITS)
- An Approachable Introduction to Programming (15 CREDITS)
- Machine Learning (15 CREDITS)
- Neural Networks and Deep Learning (15 CREDITS)
- Group Project (15 CREDITS)
- An Approachable Introduction to Data Science (15 CREDITS)
- MSc Project and Dissertation (0 CREDITS)

##### Optional: Option from list (30 credits)

- Information Retrieval (15 CREDITS)
- Information Retrieval (15 CREDITS)
- Text Analytics (15 CREDITS)
- Text Analytics (15 CREDITS)
- Computational Models in Economics and Finance (15 CREDITS)
- Big-Data for Computational Finance (15 CREDITS)
- Big-Data for Computational Finance (15 CREDITS)

#### Final year

##### Core with options (60 credits)

MSc Project and Dissertation (60 CREDITS)

MSc Industry Based Project and Dissertation (60 CREDITS)

## MSc Data Science with Artificial Intelligence

**Location:** Exeter

**Start:** October

**Duration:** 1 year

**Tuition Fees:** £29,100

**English requirement:** UKVI IELTS 6.5 (with no less than 6.0 in writing and no less than 5.5 in any other section)

### Course content

#### Compulsory modules

Code	Module	Credits
ECMM443	Introduction to Data Science	15
ECMM444	Fundamentals of Data Science	15
ECMM422	Machine Learning	15
ECMM445	Learning from Data	15
ECMM451	Data Science Research Project	60

#### Optional modules

Code	Module	Credits
<b><i>Select 60 credits (See Stage Notes below*):</i></b>		
ECMM409	Nature-Inspired Computation	15
ECMM423	Evolutionary Computation & Optimisation	15
ECMM426	Computer Vision	15
BEMM129	Digital Business Models	15
COMM511	Statistical Data Modelling	15
ECMM410	Research Methodology	15
MTHM047	Bayesian Statistics, Philosophy and Practice	15
ECMM447	Social Networks and Text Analysis	15
ECMM450	Stochastic Processes	15
MTHM033	Statistical Modelling in Space and Time	15
COMM510	Multi-Objective Optimisation and Decision Making	15
SOCM033	Data Governance and Ethics	15
ECMM461	High Performance Computing	15

# MSc Biomedical Data and Artificial Intelligence

**Location:** Exeter

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £27,500

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

## Course content

### Compulsory modules

Code	Module	Credits
MTHM021	Advanced Mathematics Project	60
MTHM007	Engaging with Research	15
MTH3006	Mathematical Biology and Ecology	15
MTHM009	Advanced Topics in Mathematical Biology	15
NSCM005	Mathematical Modelling in Biology and Medicine	15
MTHM015	AI and Data Science Methods for Life and Health Sciences	15

### Optional modules

Code	Module	Credits
<b>Select 45 Credits:</b>		
MTHM017	Advanced Topics in Statistics	15
MTHM018	Dynamical Systems and Chaos	15
MTHM033	Statistical Modelling in Space and Time	15
MTHM503	Applications of Data Science and Statistics	15
MTH3039	Computational Nonlinear Dynamics	15
MTH3008	Partial Differential Equations	15
MTH3011	Nonlinear Systems and Control	15
MTH3024	Stochastic Processes	15
MTH3028	Statistical Inference: Theory and Practice	15
MTH3027	Special Topics in Statistics	15
MTH3049	An Introduction to Causal Inference	15
MTHM***	NQF Level 7 modules in Mathematics	15
ECMM4**	NQF Level 7 modules in Computer Science	15
MTH3***	NQF Level 6 modules in Mathematics	15

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**MSc Artificial Intelligence**

**Location:** Canterbury

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £22,700

**English requirement:** UKVI IELTS 6.5 (with a minimum of 6.0 in R & W; 5.5 in S & L)

**Work experience:** 3 years

**Module**

**Programming stream compulsory module:**

- COMP8270 – Programming for Artificial Intelligence (15 credits)

**Compulsory modules currently include**

- COMP8260 – AI Systems Implementation (15 credits)
- COMP8320 – Data Mining and Knowledge Discovery (15 credits)
- COMP8360 – Cognitive Neural Networks (15 credits)
- COMP8370 – Cognitive Neural Networks (15 credits)
- COMP8685 – Deep Learning (15 credits)
- COMP8800 – Project and Dissertation (60 credits)

**Optional modules may include**

- COMP5450 – Functional Programming (15 credits)
- COMP8230 – Introduction to Digital Forensics (15 credits)
- COMP8240 – Privacy (15 credits)
- COMP8250 – Introduction to Intelligent Systems (15 credits)
- COMP8340 – Information Security Management (15 credits)
- COMP8380 – Internet of Things and Mobile Devices (15 credits)
- COMP8410 – Cyber Law (15 credits)
- COMP8740 – Networks and Network Security (15 credits)
- COMP8760 – Computer Security (15 credits)
- COMP8920 – Advanced Network Security (15 credits)
- ENLA6001 – Advanced English for Academic Study in the Applied Sciences (15 credits)
- PHIL5830 – Philosophy of Cognitive Science and Artificial Intelligence (30 credits)

**MSc Computer Science (Artificial Intelligence)**

**Location:** Canterbury

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £22,700

**English requirement:** UKVI IELTS 6.5 (with a minimum of 6.0 in R & W; 5.5 in S & L)

**Work experience:** 3 years

**Module**

**Compulsory modules currently include**

- COMP8260 – AI Systems Implementation (15 credits)
- COMP8270 – Programming for Artificial Intelligence (15 credits)
- COMP8320 – Data Mining and Knowledge Discovery (15 credits)
- COMP8370 – Cognitive Neural Networks (15 credits)
- COMP8830 – Systems Architecture (15 credits)
- COMP8481 – Solving Problems with Data and Text (15 credits)
- COMP8800 – Project and Dissertation (60 credits)
- If you are not appropriately experienced in programming you are also required to take the following module:  
COMP8810 – Object-Oriented Programming (15 credits)

**Optional modules may include**

- COMP5820 – Computer Interaction and User Experience (15 credits)
- COMP8250 – Introduction to Intelligent Systems (15 credits)
- COMP8410 – Cyber Law (15 credits)
- COMP8740 – Networks and Network Security (15 credits)
- COMP8360 – Cognitive Neural Networks (15 credits)
- COMP8840 – Algorithms and Logic (15 credits)
- COMP8870 – Web-Based Information Systems Development (15 credits)
- ENLA6001 – Advanced English for Academic Study in the Applied Sciences (15 credits)

**MSc Advanced Computer Science (Artificial Intelligence)**

**Location:** Leeds

**Start:** September

**Duration:** 12 months

**Tuition Fees:** £31,750

**English requirement:** UKVI IELTS 6.5 (with no less than 6.0 in any component)

**Modules**

**Year 1 compulsory modules**

Module Name	Credits
MSc Project	60
Knowledge Representation and Reasoning	15
Machine Learning	15
Deep Learning	15

**Year 1 optional modules (selection of typical options shown below)**

Module Name	Credits
Data Science	15
Cloud Computing Systems	15
Blockchain Technologies	15
Bio-Inspired Computing	15
Algorithms	15
Programming for Data Science	15
Data Mining and Text Analytics	15
Advanced Software Engineering	15
Scientific Computation	15
Graph Theory: Structure and Algorithms	15

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Liverpool John Moores University

**MSc Artificial Intelligence (Machine Learning)**

**Location:** Liverpool

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £18,250

**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

**Course content**

**Core modules**

- Research Methods - 20 credits
- Project Dissertation - 60 credits
- Foundations of Machine Learning - 20 credits
- Deep Learning Concepts and Techniques - 20 credits
- Accelerated Machine Learning - 20 credits
- Advanced Topics in Deep Learning - 20 credits
- Enterprise Machine Learning - 20 credits

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**MSc Data Science and Artificial Intelligence**

**Location:** Liverpool

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £28,800

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any component)

**Module details:**

**Semester One**

**Compulsory Modules**

- Research Methods in Computer Science (COMP516)
- Programming Fundamentals (COMP517)
- Maths and Statistics for AI and Data Science (COMP533)

**Optional Modules**

- Database and Information Systems (COMP518)
- Big Data and Society B: Foundations, Politics, and Policy (COMM752)

**Semester Two**

**Compulsory Modules**

- Data Mining and Visualisation (COMP527)
- Applied Artificial Intelligence (COMP534)

**Optional Modules**

- Web Programming (COMP519)
- Artificial Intelligence and Communication B (COMM718)
- Machine Learning and Bioinspired Optimisation (COMP532)
- MSc Group Project (COMP530)
- Big Data and Society D: Algorithms and Platforms (COMM754)
- Computational Intelligence (COMP575)

**Final Project**

**Compulsory modules**

- MSc Project (COMP702)

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**MSc ACS: Artificial Intelligence**

**Location:** Manchester

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £36,000

**Application Fees:** £60 (non-refund)

**English requirement:** UKVI IELTS 7.0 (no other element below 6.5)

**Course unit list:**

The course unit details given below are subject to change, and are the latest example of the curriculum available on this course of study.

Title	Code	Credit rating	Mandatory/optional
Foundations of Machine Learning	COMP61011	15	Mandatory
Representation Learning	COMP61021	15	Mandatory
Text Mining	COMP61332	15	Mandatory
Cognitive Robotics and Computer Vision	COMP61342	15	Mandatory
Masters Project	COMP66090	90	Mandatory

Title	Code	Credit rating	Mandatory/optional
Data Engineering	COMP60711	15	Optional
Systems Governance	COMP60721	15	Optional
Cryptography	COMP61411	15	Optional
Cyber Security	COMP61421	15	Optional
Querying Data on the Web	COMP62421	15	Optional
Software Security	COMP63342	15	Optional

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## Newcastle University

[www.ncl.ac.uk](http://www.ncl.ac.uk)

### MSc Data Science (with specialization in Artificial Intelligence)

**Location:** Newcastle

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £30,600

**English requirement:** UKVI IELTS 6.5 (with 5.5 in any bands)

#### Modules

Compulsory Modules	Credits
Engineering for AI	10
Data Visualization	10
Data Management and Exploratory Data Analysis	10
Data Science in the Wild	10
Group Project in Data Science	10
Machine Learning with Project	10
Deep Learning	10
Project and Dissertation in Data Science	80
Statistical Foundations of Data Science	10
Statistical Learning for Data Science	10

**If you have permission from the Degree Programme Director, you can swap Engineering for AI to take one elective module from the following list:**

- Complex Data Visualization
- Data and Truth

Optional Modules	Credits
Image Informatics	10
Cloud Computing with Project	10
Complex Data Visualization	10

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## University of Nottingham

[www.nottingham.ac.uk](http://www.nottingham.ac.uk)

### MSc Computational Neuroscience, Cognition and AI

**Location:** Nottingham

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £28,600

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

#### Course content

##### Core Modules

- Machine Learning in Science – Part 120 credits
- Computational Cognitive Psychology

- Neural Computation
- Research project
- Practical Biomedical Modelling

#### Optional modules

- Computer Vision - 20 credits
- Introduction to Practical Quantum Computing - 10 credits

#### Advanced Methods in Psychology

- Machine Learning in Science – Part 2 - 20 credits

#### Professional Skills for Psychology

#### Data Analysis for Neuroimaging

- Programming - 20 credits
- Social and Developmental Psychology - 20 credits
- Neuroscience and Behaviour - 20 credits

## MSc Computer Science or Computer Science (Artificial Intelligence)

**Location:** Nottingham

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £28,600

**English requirement:** UKVI IELTS 6.5 (no less than 6.0 in any bands)

#### Course content

#### Computer Science pathway

##### Core

- Research Methods - 20 credits

#### Students without a degree in computer science must take the following:

- Programming - 20 credits
- Systems and Networks - 20 credits
- Databases, Interfaces and Software Design Principles - 20 credits

#### Students wishing to obtain MSc Computer Science (Artificial Intelligence) must select 40 credits from the list below:

- Autonomous Robotic Systems - 20 credits
- Big Data Learning and Technologies - 20 credits
- Computer Vision - 20 credits
- Data Science with Machine Learning - 20 credits
- Designing Intelligent Agents - 20 credits
- Handling Uncertainty with Fuzzy Sets and Fuzzy Systems - 20 credits
- Human-AI Interaction - 20 credits
- Symbolic Artificial Intelligence - 20 credits
- Linear and Discrete Optimisation - 20 credits
- Machine Learning - 20 credits
- Simulation and Optimisation for Decision Support - 20 credits

#### Research projects

All students must complete a research project. If you wish to graduate with the title of MSc Computer Science (Artificial Intelligence), you must choose the AI project.

- Research Project in Computer Science - 60 credits
- Research Project in Computer Science (Artificial Intelligence) - 60 credits

#### Optional modules

- Advanced Algorithms and Data Structures - 10 credits
- Advanced Computer Networks - 20 credits
- Autonomous Robotic Systems - 20 credits
- Computer Graphics - 20 credits
- Fundamentals of Information Visualisation - 10 credits
- Information Visualisation Project - 10 credits
- Symbolic Artificial Intelligence - 20 credits
- Linear and Discrete Optimisation - 20 credits
- Machine Learning - 20 credits
- Malware Analysis - 10 credits
- Mixed Reality - 20 credits
- Programs, Proofs and Types - 20 credits
- Project in Advanced Algorithms and Data Structures - 10 credits
- Simulation and Optimisation for Decision Support - 20 credits
- Human-AI Interaction - 20 credits
- Designing Intelligent Agents - 20 credits
- Games - 20 credits

- Data Science with Machine Learning - 20 credits
- Handling Uncertainty with Fuzzy Sets and Fuzzy Systems - 20 credits
- Big Data Learning and Technologies - 20 credits
- Computer Vision - 20 credits
- Cyber Security - 10 credits

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## Nottingham Trent University

[www.ntu.ac.uk](http://www.ntu.ac.uk)

### MSc Artificial Intelligence

**Location:** Nottingham

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £19,500

**English requirement:** UKVI IELTS 6.5 (with minimum of 5.5 in each Component)

#### Modules

- Foundations of AI (20 credits)
- Software Engineering 1 (20 credits)
- Artificial Cognitive Systems (20 credits)
- Fundamentals of Big Data and Infrastructure (20 credits)
- Applied AI and Data Mining (20 credits)
- Research Methods (20 credits)
- Major Project (60 credits)

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## Northumbria University

[www.northumbria.ac.uk](http://www.northumbria.ac.uk)

### MSc Artificial Intelligence

**Location:** Newcastle

**Start:** September (12 months)

**Duration:** 1 year

**Tuition Fees:** £19,750

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

#### Modules

- KF7006 - Object Oriented Programming (Core,20 Credits)
- KF7011 - Systems Analysis & Design with UML (Core,20 Credits)
- KF7028 - Research Methods and Project Management (Core,20 Credits)
- KF7029 - MSc Computer Science & Digital Technologies Project (Core,60 Credits)
- KV7001 - Academic Language Skills for Computer and Information Sciences (Core – for International and EU students only,0 Credits)
- KV7003 - AI and Digital Technology (Core,20 Credits)
- KV7004 - AI Studio (Core,20 Credits)
- KV7005 - Intelligent User Interfaces (Core,20 Credits)

### MSc Artificial Intelligence Technology

**Location:** London Campus

**Start:** September, January, May

**Duration:** 1 year

**Tuition Fees:** £19,000

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

#### Modules

**All modules on this course are core and 20 credits unless otherwise stated.**

- Information Governance and Cyber Security
- Leadership in a Digital Age
- Programming for AI
- Academic Language Skills for Computer and Information Sciences (0 credits)

- Research Methods for Professional Practice
- Artificial Intelligence for IoT
- Machine Learning on Cloud
- Computing and Digital Technologies Project (60 credits)

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## University of Portsmouth

[www.port.ac.uk](http://www.port.ac.uk)

### MSc Artificial Intelligence and Machine Learning

**Location:** Portsmouth

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £20,200

**English requirement:** UKVI IELTS 6.0 (no less than 5.5 in any bands)

#### Modules

##### Core modules

- AI Foundations in Practice
- Intelligent Data and Text Analytics
- Big Data and Machine Learning Applications
- Explainable AI
- Programming for Data Analytics and AI
- Final Master's project

##### Optional modules

- Statistical Learning
- Business Intelligence
- Data Visualization and Exploratory Analytics
- Cyber Security for Information Systems

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## University of Reading

[www.reading.ac.uk](http://www.reading.ac.uk)

### MSc Climate Change and Artificial Intelligence (AI)

**Location:** Reading

**Start:** September

**Duration:** 12 months

**Tuition Fees:** £26,950

**English requirement:** UKVI IELTS 6.5 (no less than 5.5 in any bands)

#### Course structure

##### Compulsory modules

- Climate Change: Causes and Consequences
- Applied Data Science with Python
- Artificial Intelligence and Machine Learning
- Data Science and Climate Services
- Managing People and Organisations
- Causality and Decision-making
- Research Project
- Weather and Climate Discussion

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## MSc Artificial Intelligence

**Location:** London

**Start:** September

**Duration:** 1 year

**Tuition Fees:** £23,900

**Requirement:** IELTS 6.5 (no subscore lower than 5.5)

### Course structure

#### Core Modules

- Data Analysis
- Computation with Data
- Artificial Intelligence
- Autonomous Intelligent Systems
- Ethics in Advanced Computing and Artificial Intelligence
- Individual Project

#### Optional Modules

There are a number of optional course modules available during your degree studies. The following is a selection of optional course modules that are likely to be available. Please note that although the College will keep changes to a minimum, new modules may be offered or existing modules may be withdrawn, for example, in response to a change in staff. Applicants will be informed if any significant changes need to be made.

- Computation with Data
- Interconnected Devices
- Advanced Distributed Systems and Communication Networks
- Machine Learning

#### Databases

- Intelligent Agents and Multi-Agent Systems
- Online Machine Learning
- Large-scale Data Storage and Processing
- Business Intelligence Systems, Infrastructures and Technologies
- Methods of Bioinformatics
- Visualisation and Exploratory Analysis
- Methods of Computational Finance

#### Deep Learning

- Inference
- Applied Probability
- Security Technologies
- Cryptography and Security Mechanisms
- Network Security
- Computer Security (Operating Systems)
- Security Management and Methods
- Digital Forensics
- Security Testing
- Software Security
- Cybersecurity to Critical Infrastructure Security

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Teesside University

[www.tees.ac.uk](http://www.tees.ac.uk)

## MSc Artificial Intelligence with Data Analytics

**Location:** Middlesbrough

**Start:** September, January

**Duration:** 1 year (September), 16 months (January)

**Tuition Fees:** £17,000

**English requirement:** UKVI IELTS 6.0

## Course structure

### Core modules

- Artificial Intelligence Ethics and Applications
- Computing Masters Project
- Data Analytics
- Intelligent Decision Support Systems
- Machine Learning
- Research Methods
- Statistical Methods for Data Analytics

### Advanced practice (2 year full-time MSc only)

- Internship

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### เอกสารที่ใช้ในการสมัครเรียน คือ

- Transcript
- ใบปริญญาบัตรจบ ป.ตรี (ถ้ามี)
- หนังสือรับรองการจบ ป.ตรี (ถ้ายังไม่ได้รับใบปริญญา)
- หนังสือรับรองว่าจบหลักสูตร Inter. Program มา (ถ้าจบ Inter. Program มา)
- Resume / CV
- Statement of Purpose (SOP) (เขียนว่าทำไมถึงอยากเรียนสาขาวิชานี้ประมาณ 1 หน้ากระดาษ)
- Recommendation Letter จากอาจารย์ / จากที่ทำงาน 2 ท่าน
- ผล UKVI IELTS (ส่งตามที่หลังได้)
- Copy passport

เอกสารที่ใช้ในการสมัครเรียน ถ้าไม่สะดวกที่จะเอาเข้ามาให้พี่ที่ออฟฟิศ น้องสามารถที่จะสแกนแล้วส่งเข้าอีเมลมาให้พี่ได้นะคะที่ [leelar@studyoverseas.co.th](mailto:leelar@studyoverseas.co.th) ค่ะ ถ้าน้องมีคำถามเพิ่มเติมหรือต้องการข้อมูลเพิ่มเติมโทรสอบถามพี่ต่อได้นะคะที่ 081-6449867, 089-6820168 ค่ะ

ขอบคุณค่ะ  
พี่ต่อ

เจ้าหน้าที่แนะแนว

**Study Overseas Centre Co.,Ltd**

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**OFFICE MAP**

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