Birmingham City University (BCU)

www.bcu.ac.uk

MSc Computer Science

Location: Birmingham
Start: September, January
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 a student must successfully complete all the following CORE modules (totalling 180 credits):

- Software Development - 20 credits
- Software Analysis and Design - 20 credits
- Database Design and Development - 20 credits
- Web Application Development - 20 credits
- Artificial Intelligence Fundamentals - 20 credits
- Research Methods and Project Management - 20 credits
- Individual Master's Project - 60 credits

MSc Advanced Computer Science

Location: Birmingham
Start: September, January
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 a student must successfully complete all the following CORE modules (totalling 180 credits):

- Advanced Mobile Computing - 20 credits
- Service Oriented Architecture - 20 credits
- Advanced Databases - 20 credits
- Advanced Data Science - 20 credits
- Semantic Web and Knowledge Engineering - 20 credits
- Research Methods and Project Management - 20 credits
- Individual Master's Project - 60 credits

##

Coventry University

www.coventry.ac.uk

MSc Computer Science

Location: Coventry Campus
Start: September, January, May
Duration: 1 year
Tuition Fees: £20,050
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Modules:

- Computer Architecture and System Programming – 15 credits
- Artificial Neural Networks – 15 credits
- Web Applications and AI – 15 credits
- Machine Learning and Big Data – 15 credits
- Security of Emerging Connected Systems – 15 credits
- Mobile Platforms and Application Development – 15 credits
- Software Development Project – 30 credits
- Computing Individual Research Project – 60 credits

##

De Montfort University

www.dmu.ac.uk

MSc Computing

Location: Leicester
Start: September, January
Duration: 1 year
Tuition Fees: £17,600
Requirement: IELTS 6.0 (5.5 each band)

Course modules:

- Business Analysis & Modelling – 30 credits
- Enterprise Architecture – 30 credits
- Digital Commerce – 30 credits
- Human Factors, Research and Skills – 30 credits
- PGT Project – 60 credits

##

University of East Anglia (UEA)

www.uea.ac.uk

MSc Computing Science

Location: Norwich
Start: September
Duration: 1 year
Tuition Fees: £22,900
English requirement: UKVI IELTS 6.0 (with a minimum 6.0 in Writing & Speaking, 5.5 in Listening & Reading)

Course Modules

COMPULSORY MODULES

- RESEARCH METHODS
- DISSERTATION

OPTIONAL A MODULES (Credits: 60)

- APPLICATIONS PROGRAMMING
- DATABASE MANIPULATION
- WEB DEVELOPMENT

OPTIONAL B MODULES (Credits: 40)

- COMPUTER VISION
- INFORMATION VISUALISATION
- DEVELOPING SECURE SOFTWARE
- UBIQUITOUS COMPUTING
- SYSTEMS ENGINEERING ISSUES
- ARTIFICIAL INTELLIGENCE
- DATA MINING

MSc Advanced Computing Science

Location: Norwich
Start: September
Duration: 1 year
Tuition Fees: £22,900
English requirement: UKVI IELTS 6.5 (minimum 6.0 in all component)

Course Modules

COMPULSORY MODULES

- RESEARCH METHODS
- ADVANCED PROGRAMMING
- DISSERTATION

OPTIONAL A MODULES (Credits: 40)

- HUMAN COMPUTER INTERACTION
- DEVELOPING SECURE SOFTWARE
- ARTIFICIAL INTELLIGENCE
- INTRODUCTION TO CYBER SECURITY
- DATA MINING
- GAMES DEVELOPMENT

OPTIONAL B MODULES (Credits: 40)

- HUMAN COMPUTER INTERACTION
- COMPUTER VISION
- INFORMATION VISUALISATION
- DEVELOPING SECURE SOFTWARE
- UBIQUITOUS COMPUTING
- ARTIFICIAL INTELLIGENCE
- INTRODUCTION TO CYBER SECURITY
- DATABASE MANIPULATION
- DATA MINING
- AUDIO AND VISUAL PROCESSING
- WEB DEVELOPMENT
- GAMES DEVELOPMENT

##

University of East London (UEL)

www.uel.ac.uk

MSc Computer Science

Location: London
Start: September, January, May
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

- Advanced Software Engineering
- Big Data Analytics
- Artificial Intelligence & Machine Vision
- Mental Wealth; Professional Life (Dissertation)

Optional Modules

- Computer Security
- Cloud Computing

MSc Computing

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

- Software Engineering
- Cloud Computing
- Database Systems
- Computer Architecture and Networks
- Research Dissertation

MSc Cloud Computing

Location: London
Start: September, May
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
- Cloud Computing
- Big Data Analytics
- Computer Security
- Mental Wealth; Professional Life (Dissertation)

MSc Mechatronics and Computer Systems Engineering

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

- Mental Wealth; Professional Life
- AI and Machine Vision
- Applied Research and Engineering Practice 1

Optional Modules

- Intelligent Transport Systems
- Wireless Signal Propagation
- Automation and Robotics

##

University of Essex

www.essex.ac.uk

MSc Advanced Computer Science

Location: Colchester
Start: October
Duration: 1 year
Tuition Fees: £22,400
English requirement: UKVI IELTS 6.0 (no less than 5.5 in any bands)

Course content

Core

- MSc Project and Dissertation (60 CREDITS)

Compulsory

- Professional Practice and Research Methodology (15 CREDITS)
- Group Project (15 CREDITS)
- Computer Security (15 CREDITS)
- Mobile and Social Application Programming (15 CREDITS)

Optional: optional from list (30 credits)

- Intelligent Systems and Robotics (15 CREDITS)
- Machine Learning (15 CREDITS)
- Text Analytics (15 CREDITS)
- Game Artificial Intelligence (15 CREDITS)
- Physics-Based Games (15 CREDITS)
- Network Security (15 CREDITS)
- Computer Vision (15 CREDITS)
- Mathematical Research Techniques Using Matlab (15 CREDITS)
- Natural Language Engineering (15 CREDITS)
- Data Science and Decision Making (15 CREDITS)
- Neural Networks and Deep Learning (15 CREDITS)

Optional: option from list (30 credits)

- Intelligent Systems and Robotics (15 CREDITS)
- Machine Learning (15 CREDITS)
- Text Analytics (15 CREDITS)
- Game Artificial Intelligence (15 CREDITS)
- Physics-Based Games (15 CREDITS)
- Network Security (15 CREDITS)
- Computer Vision (15 CREDITS)
- Mathematical Research Techniques Using Matlab (15 CREDITS)
- Natural Language Engineering (15 CREDITS)
- Data Science and Decision Making (15 CREDITS)
- Neural Networks and Deep Learning (15 CREDITS)

MSc Financial Technology (Computer Science)

Location: Colchester
Start: October
Duration: 1 year
Tuition Fees: £22,400
English requirement: UKVI IELTS 6.0 (no less than 5.5 in any bands)

Course content

Core

- CCFEA MSc Dissertation (60 CREDITS)

Compulsory

- Computational Market Microstructure for FinTech and the Digital Economy (20 CREDITS)
- Introduction to Programming in Python (20 CREDITS)
- Big Data in Finance (20 CREDITS)
- Big-Data for Computational Finance (20 CREDITS)

Optional: Options from list (40 credits)

- Corporate Finance (20 CREDITS)
- Derivative Securities (20 CREDITS)
- Portfolio Management (20 CREDITS)
- Financial Modelling (20 CREDITS)
- Risk Management (20 CREDITS)
- Data Analysis: Cross Sectional, Panel and Qualitative Data Methods (20 CREDITS)
- Modern Banking (20 CREDITS)
- Bank Strategy and Risk (20 CREDITS)
- Introduction to Financial Market Analysis (20 CREDITS)
- Quantitative Methods in Finance and Trading (20 CREDITS)
- Computational Models in Economics and Finance (20 CREDITS)
- Financial Engineering and Risk Management (20 CREDITS)
- Economics of Banking (20 CREDITS)
- Economics of Financial Markets (20 CREDITS)
- Behavioural Economics I: Individual Decision Making (20 CREDITS)
- Applications of Data Analysis (20 CREDITS)

MSc Computer Engineering

Location: Colchester
Start: October
Duration: 1 year
Tuition Fees: £22,400
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Course content

Core

- MSc Project and Dissertation (60 CREDITS)

Compulsory

- Professional Practice and Research Methodology (15 CREDITS)
- Programming Embedded Systems (15 CREDITS)
- High Level Logic Design (15 CREDITS)
- Group Project (15 CREDITS)

Optional: option from list (30 credits)

- An Approachable Introduction to Programming (15 CREDITS)
- Programmable Networks and Services (15 CREDITS)
- Electronic System Design and Integration (15 CREDITS)
- Mobile Communications (15 CREDITS)
- Intelligent Systems and Robotics (15 CREDITS)
- Advanced Embedded Systems Design (15 CREDITS)
- Data Science and Decision Making (15 CREDITS)
- Neural Networks and Deep Learning (15 CREDITS)

Optional: option from list (30 credits)

- An Approachable Introduction to Programming (15 CREDITS)
- Programmable Networks and Services (15 CREDITS)
- Electronic System Design and Integration (15 CREDITS)
- Mobile Communications (15 CREDITS)
- Intelligent Systems and Robotics (15 CREDITS)
- Advanced Embedded Systems Design (15 CREDITS)
- Data Science and Decision Making (15 CREDITS)
- Neural Networks and Deep Learning (15 CREDITS)

University of Exeter

www.exeter.ac.uk

MSc Computer Science

Location: Exeter
Start: September
Duration: 1 year
Tuition Fees: £27,500
English requirement: UKVI IELTS 6.5 (with no less than 6.0 in writing and no less than 5.5 in any other section)

Modules

Compulsory modules

Code	Module	Credits
COMM107	Algorithms and Architectures	15
COMM108	Data Systems	15
COMM109	Programme with Python	15
ECMM462	Fundamentals of Security	15
COMM110	Software Development	15
xxxxxxx	Data Governance and Ethics	15
ECMM453	Computer Science Research Project	60

Optional modules

Code	Module	Credits
Select 30 credits:		
ECMM426	Computer Vision	15
ECMM463	Building Secure and Trustworthy Systems	15
ECMM464	Security Assessment and Validation	15
ECM3446	High Performance Computing	15
ECM3408	Enterprise Computing	15
BEMM129	Digital Business Models	15

MSc Advanced Computer Science

Location: Exeter
Start: September
Duration: 1 year
Tuition Fees: £27,500
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
ECMM453	Computer Science Research Project	60

Optional modules

Code	Module	Credits
Select 120 credits:		
ECMM409	Nature-Inspired Computation	15
ECMM410	Research Methodology	15
ECMM422	Machine Learning	15
ECMM423	Evolutionary Computation & Optimisation	15
ECMM424	Computer Modelling and Simulation	15
ECMM426	Computer Vision	15
ECMM445	Learning from Data	15
ECMM447	Social Networks and Text Analysis	15
ECMM461	High Performance Computing	15
COMM510	Multi-Objective Optimisation and Decision Making	15
ECM34XX	ECM34xx modules in Computer Science upto 30 credits	30
ECMM7XX	M-level modules in Mathematics	15
BEMM129	Digital Business Models	15
ECMM462	Fundamentals of Security	15
SOCM033	Data Governance and Ethics	15

MSc Advanced Computer Science with Business

Location: Exeter
Start: September
Duration: 1 year
Tuition Fees: £27,500
English requirement: UKVI IELTS 6.5 (with no less than 6.0 in writing and no less than 5.5 in any other section)

Modules

Compulsory modules

Code	Module	Credits
ECMM454	Computer Science Business Project	60

Optional modules

Code	Module	Credits
Select up to 90 credits		
ECM34XX	ECM34XX Module in Computer Science (up to 30 credits)	30
ECMM409	Nature-Inspired Computation	15

ECMM410	Research Methodology	15
ECMM422	Machine Learning	15
ECMM424	Computer Modelling and Simulation	15
ECMM426	Computer Vision	15
ECMM445	Learning from Data	15
ECMM447	Social Networks and Text Analysis	15
ECMM461	High Performance Computing	15
ECMM462	Fundamentals of Security	15
MTHMXXX	MTHMXXX Mathematics Modules	15
SOCM033	Data Governance and Ethics	15
Select at least 30 credits		
BEAM045	Accounting for International Managers	15
BEMM068	Managing Competitive Strategy	15
BEMM071	Leadership and Global Challenges	15
BEMM114	Managing Operations	15
BEMM118	Strategic Innovation Management	15
BEMM129	Digital Business Models	15
BEMM148	Marketing Strategy	15

##

University of Greenwich

www.gre.ac.uk

MSc Computer Science

Location: London
Start: September
Duration: 1 year
Tuition Fees: £18,150
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Course content

Students are required to study the following compulsory modules.

- MSc Project (60 credits)
- Enterprise Software Engineering Development (15 credits)
- Programming Enterprise Components (15 credits)
- Clouds, Grids and Virtualisation (15 credits)
- Software Quality Management (15 credits)
- Essential Professional and Academic Skills for Masters Students

Students are required to choose 30 credits from this list of options.

- Mobile Application Development (15 credits)

- Cyber Security (15 credits)
- Network and Internet Technology and Design (15 credits)
- Machine Learning (15 credits)
- Programming Fundamentals for Data Science (15 credits)

Students are required to choose 30 credits from this list of options.

- Audit and Security (15 credits)
- System Administration and Security (15 credits)
- Network Architectures and Services (15 credits)
- Penetration Testing (15 credits)
- Big Data (15 credits)
- Wireless and Mobile Technologies (15 credits)
- Data Visualisation (15 credits)
- Applied Machine Learning (15 credits)

MSc Computer Science (Network Engineering)

Location: London
Start: September, January
Duration: 1 year
Tuition Fees: £17,275
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Course content

Students are required to study the following compulsory modules.

- MSc Project (60 credits)
- Cyber Security (15 credits)
- System Administration and Security (15 credits)
- Network and Internet Technology and Design (15 credits)
- Network Architectures and Services (15 credits)
- Wireless and Mobile Technologies (15 credits)
- Software Quality Management (15 credits)
- Essential Professional and Academic Skills for Masters Students

Students are required to choose 15 credits from this list of options.

- Mobile Application Development (15 credits)
- Clouds, Grids and Virtualisation (15 credits)

Students are required to choose 15 credits from this list of options.

- Audit and Security (15 credits)
- Penetration Testing (15 credits)

MSc Computing and Information Systems

Location: London
Start: September, January
Duration: 1 year
Tuition Fees: £17,275
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Course content

Students are required to study the following compulsory modules.

- MSc Project (60 credits)
- Systems Modelling (15 credits)
- Software Tools and Techniques (15 credits)
- Strategic IT (15 credits)
- Software Quality Management (15 credits)
- Essential Professional and Academic Skills for Masters Students

Students are required to choose 30 credits from this list of options.

- Mobile Application Development (15 credits)
- Systems Design and Development (15 credits)
- Managing IT Security and Risk (15 credits)
- User Centred Web Engineering (15 credits)

Students are required to choose 30 credits from this list of options.

- Audit and Security (15 credits)
- User Experience Design (15 credits)
- Project Management (15 credits)
- Outsourcing and Organisational Awareness (15 credits)

MSc Computer Forensics and Cyber Security

Location: London
Start: September
Duration: 1 year
Tuition Fees: £18,150
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Course content

Students are required to study the following compulsory modules.

- MSc Project (60 credits)
- Cyber Security (15 credits)
- Audit and Security (15 credits)
- System Administration and Security (15 credits)
- Cyber Crime and Digital Forensics (15 credits)
- Managing IT Security and Risk (15 credits)
- Network and Internet Technology and Design (15 credits)
- Essential Professional and Academic Skills for Masters Students

Students are required to choose 15 credits from this list of options.

- Mobile Application Development (15 credits)
- Software Tools and Techniques (15 credits)
- Advanced Database Technologies (15 credits)

Students are required to choose 15 credits from this list of options.

- Network Architectures and Services (15 credits)
- Penetration Testing (15 credits)
- Wireless and Mobile Technologies (15 credits)

##

University of Leeds

www.leeds.ac.uk

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

Location: Leeds
Start: September
Duration: 12 months
Tuition Fees: £31,750

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

Modules

Year 1 compulsory modules

Module Name	Credits
MSc Project	60

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
Knowledge Representation and Reasoning	15
Machine Learning	15
Deep Learning	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

MSc Advanced Computer Science (Cloud Computing)

Location: Leeds
Start: September
Duration: 12 months
Tuition Fees: £31,750
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Modules

Year 1 compulsory modules

Module Name	Credits
Cloud Computing Systems	15
MSc Project	60
Advanced Software Engineering	15

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

Module Name	Credits
Data Science	15
Blockchain Technologies	15
Knowledge Representation and Reasoning	15
Machine Learning	15
Deep Learning	15
Algorithms	15
Programming for Data Science	15
Data Mining and Text Analytics	15
Scientific Computation	15

MSc Advanced Computer Science (Data Analytics)

Location: Leeds
Start: September
Duration: 12 months
Tuition Fees: £31,750
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Modules

Year 1 compulsory modules

Module Name	Credits
Data Science	15
Cloud Computing Systems	15
MSc Project	60

Machine Learning	15

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

Module Name	Credits
Blockchain Technologies	15
Knowledge Representation and Reasoning	15
Deep Learning	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

##

Liverpool John Moores University

www.ljmu.ac.uk

MSc Computing and Information Systems

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
- Computer Systems Technology - 20 credits
- Management of E-Business - 20 credits
- Database Design and Technology - 20 credits
- Software Development with Java - 20 credits
- Computer Security - 20 credits
- Project Dissertation - 60 credits

##

University of Liverpool

www.liverpool.ac.uk

MSc Computer Science

Location: Liverpool
Start: September
Duration: 1 year
Tuition Fees: £28,800
English requirement: UKVI IELTS 6.5 (no less than 5.5 in component scores)

Module details:

Semester 1

Compulsory Modules

- Research Methods in Computer Science (COMP516)
- Programming Fundamentals (COMP517)
- Database and Information Systems (COMP518)
- Efficient Algorithms (COMP526)

Semester 2

Compulsory Modules

- Web Programming (COMP519)

Optional Modules

- Computational Intelligence (COMP575)
- Data Mining and Visualisation (COMP527)
- Machine Learning and Bioinspired Optimisation (COMP532)
- Safety and Dependability (COMP524)

- Reasoning about Action and Change (COMP525)
- Multi-Agent Systems (COMP310)
- Cloud Computing for E-Commerce (COMP315)
- Ontologies and Semantic Web (COMP318)
- Web Mapping and Geovisualisation (ENVS456)
- MSc Group Project (COMP530)

Final Project
Compulsory
- MSc Project (COMP702)

MSc Advanced Computer Science

Location: Liverpool
Start: September
Duration: 1 year
Tuition Fees: £28,800
English requirement: UKVI IELTS 6.5 (no less than 5.5 in component score)

Module details:
Semester 1
Compulsory Modules
- Research Methods in Computer Science (COMP516)

Optional Modules
- Knowledge Representation (COMP521)
- Privacy and Security (COMP522)
- Efficient Algorithms (COMP526)
- Multi-Core and Multi-Professor Programming (COMP528)
- Geographic Data Science (ENVS563)
- Image Processing (ELEC319)
- Optimisation (COMP557)

Semester 2
Choose four optional modules
Optional Modules
- Advanced Algorithmci Techniques (COMP523)
- Safety and Dependability (COMP524)
- Data Mining and Visualisation (COMP527)
- Multi-Agent Systems (COMP310)
- Cloud Computing for E-Commerce (COMP315)
- Ontologies and Semantic Web (COMP318)
- Algorithmic Game Theory (COMP559)
- Information Theory and Coding (ELEC415)
- Machine Learning and Bioinspired optimization (COMP532)
- Reasoning about Action and Change (COMP525)
- Web Mapping and Geovisualisation (ENVS456)
- Computational Intelligence (COMP575)

Final Project
Compulsory
- MSc Project (COMP702)

MSc Theoretical Computer Science

Location: Liverpool
Start: September
Duration: 1 year
Tuition Fees: £28,800
English requirement: UKVI IELTS 6.5 (no less than 5.5 in component scores)

Module details:
Semester 1
Compulsory Modules
- Introduction to Computational Game Theory (COMP323)
- Optimisation (COMP557)
- Research Methods in Computer Science (COMP516)

Optional Modules
- Efficient Algorithms (COMP526)
- Knowledge Representation (COMP521)
- Microeconomic Analysis (ECON915)

Semester 2
Compulsory Modules
- Algorithmic Game Theory (COMP559)

Optional Modules
- Machine Learning and Bioinspired Optimisation (COMP532)
- Advances in Theoretical Computer Science (COMP555)
- Computation Intelligence (COMP575)
- Data Mining and Visualisation (COMP527)
- Multi-Agent Systems (COMP310)
- Safety and Dependability (COMP524)
- Cloud Computing for E-Commerce (COMP315)

Final Project
Compulsory
- MSc Project (COMP702)

MSc Big Data and High Performance Computing

Location: Liverpool
Start: September
Duration: 1 year
Tuition Fees: £28,800
English requirement: UKVI IELTS 6.5 (no less than 5.5 in component scores)

Module details:
Semester 1
Compulsory Modules
- Research Methods in Computer Science (COMP516)
- Multi-Core and Multi-Processor Programming (COMP528)
- Big Data Analytics (COMP529)

Optional Modules
- Efficient Algorithms (COMP526)
- Optimisation (COMP557)

Semester 2
Compulsory Modules
- Data Mining and Visualisation (COMP527)
- MSc Group Project (COMP530)

Optional Modules
- Machine Learning and Bioinspired Optimisation (COMP532)
- Safety and Dependability (COMP524)
- Reasoning about Action and Change (COMP525)
- Algorithmic Game Theory (COMP559)

Final Project
Compulsory
- MSc Project (COMP702)

##

University of Manchester

www.manchester.ac.uk

MSc Advanced Computer Science

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:

Title	Code	Credit rating	Mandatory/optional
Masters Project	COMP66090	90	Mandatory
Automated Reasoning and Verification	COMP60332	15	Optional

Principles of Digital Biology	COMP60532	15	Optional
Introduction to Health Informatics	COMP60542	15	Optional
Data Engineering	COMP60711	15	Optional
Systems Governance	COMP60721	15	Optional
Foundations of Machine Learning	COMP61011	15	Optional
Representation Learning	COMP61021	15	Optional
Text Mining	COMP61332	15	Optional
Cognitive Robotics and Computer Vision	COMP61342	15	Optional
Cryptography	COMP61411	15	Optional
Cyber Security	COMP61421	15	Optional
Querying Data on the Web	COMP62421	15	Optional
Software Security	COMP63342	15	Optional

MSc Data Science (Computer Science Data Informatics)

Location: Manchester
Start: September
Duration: 1 year
Tuition Fees: £32,000
Application Fees: £60 (non-refund)
English requirement: UKVI IELTS 7.0 (no other element below 6.5)

Course unit list:

Title	Code	Credit rating	Mandatory/optional
Statistics and Machine Learning 1: Statistical Foundations	DATA70121	15	Mandatory
Understanding Databases	DATA70141	15	Mandatory
Applying Data Science	DATA70202	15	Mandatory
Understanding Data and their Environment	DATA71011	15	Mandatory
Extended Research Project	DATA72000	60	Mandatory
Principles of Digital Biology	COMP60532	15	Optional
Introduction to Health Informatics	COMP60542	15	Optional
Data Engineering	COMP60711	15	Optional
Text Mining	COMP61332	15	Optional
Cognitive Robotics and Computer Vision	COMP61342	15	Optional
Querying Data on the Web	COMP62421	15	Optional

##

Middlesex University

www.mdx.ac.uk

MSc Computer Science

Location: London
Start: September, January
Duration: 1 year
Tuition Fees: £17,300
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Modules

- Advanced Topics in Computer Science (30 credits) - Compulsory
- Software Development (30 credits) - Compulsory
- Blockchain Development (30 credits) - Compulsory
- Cyber and Information Security (30 credits) - Compulsory
- Individual Project (60 credits) – Compulsory

##

Newcastle University

www.ncl.ac.uk

MSc Computer Science

Location: Newcastle
Start: September
Duration: 1 year
Tuition Fees: £31,200
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Modules

Compulsory Modules	Credits
Introduction to Software Development	10
Software Development Techniques and Tools	10
Professional skills and Portfolio	10
Software Development Advanced Techniques	10
Cybersecurity	10
Advanced Programming	10
Database Systems	10
Web Technologies	10
Software Engineering and Team Project	20
Computer Networks	10
Human Computer Interaction	10
Project and Dissertation for MSc Computer Science	60

MSc Advanced Computer Science

Location: Newcastle
Start: September
Duration: 1 year
Tuition Fees: £36,000
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Modules

Compulsory Modules	Credits
Research Methods and Group Project in Security and Resilience	20
Project and Dissertation for MSc in Advanced Computer Science	90
Optional Modules	**Credits**
Engineering for AI	10
Distributed Algorithms	10
Enterprise Middleware	10
System Evaluation	10
Cloud Computing	10
Machine Learning	10
Internet of Things	10
Research Methods and Group Project in Cloud Computing	20
Information Security and Cryptography	10
Secure Software Development	10
Security of Complex Systems	10
Systems Security	20
Risk and Trust Management	10
Advanced Programming in Java	10
Object-oriented programming	10
Complex Data Visualization	10
Model-Based Systems Engineering	10

University of Nottingham

www.nottingham.ac.uk

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)

Modules:

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

MSc Electronic Communications and Computer Engineering

Location: Nottingham
Start: September
Duration: 1 year
Tuition Fees: £28,600

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

Modules

Core modules

- Electrical and Electronic Fundamentals for Masters (autumn) - 20 credits
- Advanced Engineering Research Project Organisation and Design (spring) - 10 credits
- MSc Project (Summer) - 60 credits

Optional modules

- Advanced Computational Engineering (autumn) - 20 credits
- Digital Signal Processing (autumn) - 20 credits
- Instrumentation and Measurement (autumn) - 20 credits
- Integrated Circuits and Systems (autumn) - 20 credits
- IT Infrastructure and Cyber Security (autumn) - 20 credits
- Scalable Cross-Platform Software Design (autumn) - 20 credits
- Artificial Intelligence and Intelligent Systems (spring) - 20 credits
- Digital Communications (spring) - 10 credits
- Embedded Computing (spring) - 10 credits
- HDL for Programmable Devices (spring) - 20 credits
- Mobile Technologies (spring) - 10 credits
- Optical and Photonic Technology (spring) - 20 credits
- Optical Networks (spring) - 10 credits
- RF Electronics (spring) - 20 credits
- Robotics, Dynamics and Control (spring) - 10 credits
- Sensing Systems and Signal Processing (spring) - 10 credits

##

Nottingham Trent University

www.ntu.ac.uk

MSc Computer Science

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

Core Modules

- Advanced Software Engineering (20 cp)
- Systems Analysis and Design (20 cp)
- Service-Oriented Cloud Technologies (20 cp)
- Applied Artificial Intelligence (20 cp)
- Research Methods (20 cp)
- Major project (60 cp)

Optional Modules

- Mobile Interactive Systems (20 cp)
- Internet Programming (20 cp)

MSc Cloud and Enterprise Computing

Location: Nottingham
Start: September
Duration: 1 year
Tuition Fees: £21,000
English requirement: UKVI IELTS 6.5 (with minimum of 5.5 in each Component)

Modules

Advanced Software Engineering (20 cp)

- Entrepreneurial Leadership and Project Management (20 cp)
- Enterprise and Cloud Systems Management (20 cp)
- Service-Oriented Cloud Technologies (20 cp)
- Network and Cloud Security (20 cp)
- Research Methods (20 cp)
- Major Project (60 cp)

##

Northumbria University

www.northumbria.ac.uk

MSc Computer Science

Location: Newcastle
Start: September (12 months), January (16 months)
Duration: 1 year
Tuition Fees: £19,750
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Modules

- KC7013 - Database Modelling (Core,20 Credits)
- KF7006 - Object Oriented Programming (Core,20 Credits)
- KF7011 - Systems Analysis & Design with UML (Core,20 Credits)
- KF7013 - Website Development and Deployment (Core,20 Credits)
- KF7023 - Computer Networks & Operating Systems (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)

MSc Advanced Computer Science

Location: Newcastle
Start: September (12 months), January (16 months)
Duration: 1 year
Tuition Fees: £19,750
English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Modules

- KF7014 - Advanced Programming (Core,20 Credits)
- KF7028 - Research Methods and Project Management (Core,20 Credits)
- KF7029 - MSc Computer Science & Digital Technologies Project (60 Credits)
- KF7031 - Wireless Networks and Security (Optional,20 Credits)
- KF7032 - Big Data and Cloud Computing (Core,20 Credits)
- KL7011 - Advanced Databases (Core,20 Credits)
- KV7001 - Academic Language Skills for Computer and Information Sciences (Core – for International and EU students only,0 Credits)
- KV7002 - Human-Computer Interaction for Social Change (Optional,20 Credits)
- KV7006 - Machine Learning (Optional,20 Credits)

##

University of Northampton

www.northampton.ac.uk

MSc Computing

Location: Northampton
Start: September, February
Duration: 1 year
Tuition Fees: £16,995
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Course content

Code	Title	Credits	Status	Pre-Requisites
CSYM015	Intelligent Systems	20	Designated	None
CSYM016	Distributed Systems	20	Designated	None
CSYM017	Databases	20	Compulsory	None
CSYM018	Media Techniques	20	Designated	None
CSYM019	Internet Programming	20	Designated	None

CSYM020	Internet Security	20	Designated	None
CSYM021	Java programming	20	Designated	None
CSYM024	Specification Analysis and Design	20	Designated	None
CSYM025	Visual Object Software	20	Compulsory	None
CSYM026	Software Engineering	20	Designated	None
CSYM027	Formal Methods for Software Construction	20	Designated	None
CSYM028	Modern Computer Architecture	20	Compulsory	None
CSYM029	Computer Networks	20	Designated	None
CSYM030	Mobile Device Software Development	20	Designated	None
CSYM031	Immersive Technologies	20	Designated	None
CSYM032	Modelling for Enterprise	20	Designated	None
CSYM023	Dissertation	60	Compulsory	None

MSc Computing (Computer Networks Engineering)

Location: Northampton
Start: September February
Duration: 1 year
Tuition Fees: £16,995
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Course content

STAGE 1

Compulsory

- Databases (20 Credits)
- Internet Security (20 Credits)
- Dissertation (60 Credits)
- Visual Object Software (20 Credits)
- Modern Computer Architecture (20 Credits)
- Computer Networks (20 Credits)
- Mobile Device Software Development (20 Credits)

Designate

- Intelligent Systems (20 Credits)
- Distributed Systems (20 Credits)
- Media Techniques (20 Credits)
- Internet Programming (20 Credits)
- Programming (20 Credits)
- Specification, Analysis and Design (20 Credits)
- Software Engineering (20 Credits)
- Formal Methods of Software Construction (20 Credits)
- Immersive Technologies (20 Credits)
- Modelling for Serious Games

MSc Computing (Internet Technology and Security)

Location: Northampton
Start: September, February
Duration: 1 year
Tuition Fees: £16,995
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Course content

STAGE 1

Compulsory

- Intelligent Systems (20 Credits)
- Databases (20 Credits)
- Internet Programming (20 Credits)

- Internet Security (20 Credits)
- Dissertation (60 Credits)
- Visual Object Software (20 Credits)
- Modern Computer Architecture (20 Credits)

Designate

- Distributed Systems (20 Credits)
- Media Techniques (20 Credits)
- Programming (20 Credits)
- Specification, Analysis and Design (20 Credits)
- Software Engineering (20 Credits)
- Formal Methods of Software Construction (20 Credits)
- Computer Networks (20 Credits)
- Mobile Device Software Development (20 Credits)
- Immersive Technologies (20 Credits)
- Modelling for Serious Games

MSc Computing (Internet Technology and Security)

Location: Northampton
Start: September, February
Duration: 1 year
Tuition Fees: £16,995
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Course content

Please note the modules shown here relate to the academic year 23/24. The modules relating to the academic year 24/25 will be available from June 2024.

STAGE 1

Compulsory

- Intelligent Systems (20 Credits)
- Databases (20 Credits)
- Internet Programming (20 Credits)
- Internet Security (20 Credits)
- Dissertation (60 Credits)
- Visual Object Software (20 Credits)
- Modern Computer Architecture (20 Credits)

Designate

- Distributed Systems (20 Credits)
- Media Techniques (20 Credits)
- Programming (20 Credits)
- Specification, Analysis and Design (20 Credits)
- Software Engineering (20 Credits)
- Formal Methods of Software Construction (20 Credits)
- Computer Networks (20 Credits)
- Mobile Device Software Development (20 Credits)
- Immersive Technologies (20 Credits)
- Modelling for Serious Games

MSc Computing (Software Engineering)

Location: Northampton
Start: September, February
Duration: 1 year
Tuition Fees: £16,995
English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Course content

STAGE 1

Compulsory

- Databases (20 Credits)
- Internet Programming (20 Credits)
- Dissertation (60 Credits)
- Visual Object Software (20 Credits)
- Software Engineering (20 Credits)
- Modern Computer Architecture (20 Credits)

Designate

- Intelligent Systems (20 Credits)
- Distributed Systems (20 Credits)
- Media Techniques (20 Credits)

- Internet Security (20 Credits)
- Programming (20 Credits)
- Specification, Analysis and Design (20 Credits)
- Formal Methods of Software Construction (20 Credits)
- Computer Networks (20 Credits)
- Mobile Device Software Development (20 Credits)
- Immersive Technologies (20 Credits)
- Modelling for Serious Games

##

Staffordshire University

www.staffs.ac.uk

MSc Computer Science

Location: Stoke-on-Trent, Staffordshire
Start: September, January
Duration: 13 months
Tuition Fees: £16,750
Requirement: IELTS 6.0 (5.5 ทุกแบรน)

Course modules
Compulsory modules

- Dissertation – 60 credits
- Research Methods And Project Management – 20 credits

Optional modules

- Cloud Computing – 20 credits
- Data Analytics – 20 credits
- Digital Forensics – 20 credits
- Enterprise Systems – 20 credits
- Machine Learning in Cyber – 20 credits
- Managing Emerging Technologies – 20 credits
- Penetration Testing & Ethical Hacking – 20 credits
- Software Engineering Principles and Practices – 20 credits
- Virtualisation and Infrastructure – 20 credits
- Web and Mobile Application Development – 20 credits

MSc Computer Science (Business Computing)

Location: Stoke-on-Trent, Staffordshire
Start: September, January
Duration: 13 months
Tuition Fees: £16,750
Requirement: IELTS 6.0 (5.5 ทุกแบรน)

Course modules
Compulsory

- Business Analytics – 15 credits
- Data Storage For Business – 15 credits
- Database Management And Security – 15 credits
- Dissertation – 60 credits
- Enterprise Cloud Computing In The Aws Environment – 15 credits
- Enterprise Systems Analysis Modelling And Design – 15 credits
- Managing Emerging Technologies – 15 credits
- Project and Change Management – 15 credits
- Research Methods – 15 credits

MSc Computer Science (Computer Networks and Security)

Location: Stoke-on-Trent, Staffordshire
Start: September, January
Duration: 13 months
Tuition Fees: £16,750
Requirement: IELTS 6.0 (5.5 ทุกแบรน)

Course modules
Compulsory modules

- Dissertation – 60 credits

- Enterprise Cloud Computing In The Aws Environment – 15 credits
- Network Troubleshooting – 15 credits
- Operating System Security – 15 credits
- Professional Routed Networks – 15 credits
- Professional Secure Networks – 15 credits
- Professional Switched Networks -15 credits
- Research Methods – 15 credits
- Virtualisation – 15 credits

MSc Computer Science (Cyber Security)

Location: Stoke-on-Trent, Staffordshire
Start: September, January
Duration: 13 months
Tuition Fees: £16,750
Requirement: IELTS 6.0 (5.5 ทุกแบรน)

Course modules

Compulsory modules

- Cybercrime Forensic Analysis – 15 credits
- Digital Forensic Fundamentals – 15 credits
- Dissertation – 60 credits
- Mobile Forensics – 15 credits
- Operating System Security – 15 credits
- Penetration Testing – 15 credits
- Professional Secure Networks – 15 credits
- Research Methods – 15 credits

Optional modules

- Advanced Communication Networks – 15 credits
- Cyber Operations – 15 credits

MSc Computer Science (Software Engineering)

Location: Stoke-on-Trent, Staffordshire
Start: September, January
Duration: 13 months
Tuition Fees: £16,750
Requirement: IELTS 6.0 (5.5 ทุกแบรน)

Course modules

Compulsory modules

- Dissertation – 60 credits
- Enterprise Cloud Computing In The Aws Environment – 15 credits
- Professional Software Engineering And Web Development – 15 credits
- Research Methods – 15 credits

Optional modules

- Enterprise Software Engineering – 15 credits
- Enterprise Systems – 30 credits
- Mobile Application Development – 15 credits
- Multi-Tier Application Architecture – 15 credits
- Object Oriented Software Systems Engineering – 15 credits
- Pervasive Computing – 15 credits
- Software Engineering Principles – 15 credits
- Web Application Programming – 15 credits
- Web Principles – 15 credits

##

University of Sunderland

www.sunderland.ac.uk

MSc Computing

Location: Sunderland Campus
Start: September
Duration: 1 year
Tuition Fees: £16,500
Scholarship: £900

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

Modules

Modules on this course include:

- Foundations of Computer Science (30 credits)
- Software Development (30 credits)
- Computer Architectures and Networks (30 credits)
- Database and Web Information Systems Development (30 credits)
- Computing Masters Project (60 credits)

MSc Applied Computing

Location: Sunderland Campus
Start: September
Duration: 2 years
Tuition Fees: £17,400
Scholarship: £900
English requirement: UKVI IELTS 6.0 (no less than 5.5 in any bands)

Modules

Year 1

Modules on this course include:

- Foundations of Computer Science (30 credits)
- Software Development (30 credits)
- Computer Architectures and Networks (30 credits)
- Database and Web Information Systems Development (30 credits)

Year 2

Modules include:

- Computing Masters Placement (60 credits)
- Computing Masters Project (60 credits)

##

University of Surrey

www.surrey.ac.uk

MSc Applied Quantum Computing

Location: Surrey
Start: September, February
Duration: 1 year
Tuition Fees: £24,000
English requirement: 1 year: UKVI IELTS 6.5 (with 6.0 in writing and 5.5 in each other element)

Course content

Module title	Status	Semester
APPLIED QUANTUM COMPUTING I (QUANTUM SIMULATION AND QUANTUM OPTIMIZATION)	Compulsory	1
APPLIED QUANTUM COMPUTING III (HOW TO MAKE A QUBIT AND QUANTUM BIOLOGY)	Compulsory	1
INTRODUCTION TO QUANTUM COMPUTING	Compulsory	1
METHODS IN QUANTUM EXPERIMENT AND MODELLING	Compulsory	1
SUPERCONDUCTING QUANTUM PROCESSORS	Compulsory	1
ADVANCED TOPICS IN COMPUTER VISION AND DEEP LEARNING	Optional	2
APPLIED QUANTUM COMPUTING II (QUANTUM COMMUNICATIONS AND QUANTUM ENTANGLEMENT AND COHERENCE)	Compulsory	2
APPLIED QUANTUM COMPUTING IV (HOW TO MAKE A QUBIT AND TOPICS IN QUANTUM MECHANICS)	Compulsory	2
INTRODUCTION TO QUANTUM COMPUTING	Compulsory	2
LAW, ARTIFICIAL INTELLIGENCE AND TECHNOLOGY	Optional	2
QUANTUM ALGORITHMS	Compulsory	2
RESEARCH PROJECT AND DISSERTATION	Compulsory	2

September students undertake:

PHYM066 Introduction to quantum computing in semester 1

Then undertake the below compulsory modules in semester 1:
PHY3070 Applied Quantum Computing I (quantum simulation & quantum optimisation)
PHYM068 Superconducting Quantum Processors
PHYM067 Methods in Quantum Experiment and Simulation

Then undertake the below compulsory modules in semester 2:
PHYM070 Applied Quantum Computing IV (how to make a qubit & topics in quantum mechanics).
PHYM069 Applied Quantum Computing II (quantum communications & quantum entanglement and coherence)
PHYM071 Quantum Algorithms

Then select 1 from the below optional modules in semester 2:
EEEM071 Advanced Topics in Computer Vision and Deep Learning
LAWM165 Law, Artificial Intelligence and Technology

Then undertake the below compulsory module during the summer:
PHYM021 Research Project and Dissertation (Semester 2 my notes)

February students undertake:
PHYM066 Introduction to Quantum Computing in semester 2 (your semester 1):

Then undertake the below compulsory modules in semester 2 (your semester 1):
PHYM069 Applied Quantum Computing II (quantum communications & quantum entanglement and coherence).
PHYM071 Quantum Algorithms

Then select 1 from the below optional modules in semester 2 (your semester 1):
EEEM071 Advanced Topics in Computer Vision and Deep Learning
LAWM165 Law, Artificial Intelligence, and Technology

Then undertake the below compulsory module during the summer:
PHYM021 Research Project and Dissertation

Then undertake the below compulsory modules in semester 1 (your semester 2):
PHY3069 Applied Quantum Computing III (how to make a qubit & quantum biology).
PHYM069 Applied Quantum Computing I (quantum simulation & quantum optimisation)
PHYM068 Superconducting Quantum Processors
PHYM067 Methods in Quantum Experiment and Simulation

##

Teesside University

www.tees.ac.uk

MSc Computer Science

Location: Middlesbrough
Start: September, January
Duration: 1 year (September), 16 months (January)
Tuition Fees: £17,000
English requirement: UKVI IELTS 6.5 (with at least 6.0 in writing)

Modules

Core modules

- Artificial Intelligence Foundations
- Big Data and Business Intelligence
- Computing Masters Project
- Machine Learning
- Mobile App Development
- Object Oriented Programming
- Research Methods

Advanced practice (2 year full-time MSc only)

- Internship

MSc Computing

Location: Middlesbrough
Start: September, January
Duration: 1 year (September), 16 months (January)
Tuition Fees: £17,000
English requirement: UKVI IELTS 6.5 (with at least 6.0 in writing)

Course structure

Core module

- Computing Masters Project
- Research Methods

and five optional modules

- Agile Development
- Applied Artificial Intelligence
- Artificial Intelligence Ethics and Applications
- Big Data and Business Intelligence
- Cyber Risk and Vulnerability Management
- Hacking the Human
- Intelligent Decision Support Systems
- Interactive Visualisation
- IoT Security
- IT Ethics and Law
- Machine Learning
- Managing Projects with PRINCE2®
- Mobile App Development
- Mobile Systems and Cyber Security
- Network and Systems Security
- Object Oriented Programming
- Project Management Philosophies and Tools
- Risk Management in Projects
- Statistical Methods for Data Analytics

Advanced practice (2 year full-time MSc only)

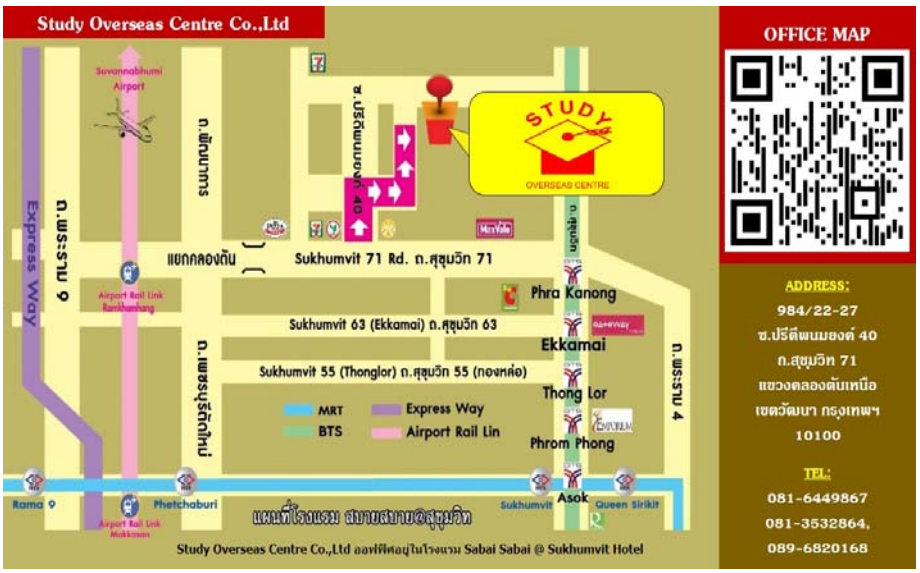
- Internship

##

เอกสารที่ใช้ในการสมัครเรียน คือ

- Transcript
- ใบปริญญาบัตรจบ ป.ตรี (ถ้ามี)
- หนังสือรับรองการจบ (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 (ส่งตามทีหลังได้)
- Copy passport

เอกสารที่ใช้ในการสมัครเรียน ถ้าไม่สะดวกที่จะเอาเข้ามาให้พี่ที่ออฟฟิศ น้องสามารถที่จะสแกนแล้วส่งเข้าอีเมล์มาให้พี่ได้นะค่ะที่ leenar@studyoverseas.co.th ค่ะ ถ้าน้องมีคำถามเพิ่มเติมหรือต้องการข้อมูลเพิ่มเติม โทรสอบถามพี่ต่อได้นะค่ะที่ 081-6449867, 089-6820168 ค่ะ
หรือ Line Official: @study-soc



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