

MSc Business Information Management

Managing data, IT and business for numerate graduates. No need to code.

Competitive Strategy
Database and Information Systems
Information Systems Methodologies
 Knowledge Management
 Organisational Behaviour/HRM
 Statistical Modelling and Analysis

Advanced Interaction Design
 Big Data Management
Digital and Knowledge Economy
 e-Commerce Technology
 Project Management
Research Methods and Project Planning

MSc Computer Systems Management

Managing IT services for graduates with IT background

Computer Network Security
 Data Communications and Networking
Database and Information Systems
 Industrial Programming
 Information Systems Methodologies
 Software Engineering Foundations

Advanced Network Security
 Advanced Software Engineering
 Big Data Management
Project Management
Research Methods and Project Planning

MDes Games Design and Development

Commercial games creation for graduates with IT skills

3D Graphics and Animation
Entrepreneurship and Creativity
Games Design and Pre-Production
 Industrial Programming

Advanced Interaction Design
 Advanced Software Engineering
Entrepreneurial Venturing
Games Production and Playtesting

MSc IT (Business)

IT applications and business issues for numerate graduates. Involves coding.

Database and Information Systems
 Information Systems Methodologies
 Organisational Behaviour/HRM
 Software Engineering Foundations
 Statistical Modelling and Analysis
 Strategic Project Management

Big Data Management
Digital and Knowledge Economy
 e-Commerce Technology
 Project Management
Research Methods and Project Planning
 Sociotechnical and Soft Systems

MSc IT (Software Systems)

Advanced IT applications for Maths, Science, IT and Engineering graduates

3D Graphics and Animation
 Computer Network Security
Database and Information Systems
 Industrial Programming
 Intelligent Robotics
 Software Engineering Foundations

Advanced Interaction Design
 Advanced Software Engineering
 Computer Games Programming
 Data Visualisation and Analytics
 e-Commerce Technology
Research Methods and Project Planning

MSc Artificial Intelligence (2 years)

Engineering smart software for numerate graduates in any subject with IELTS 6.0

Year 1 2 software engineering courses
 AI intro, interaction design, 4 computing courses
Year 2 8 courses on 1 year MSc AI
 MSc project on AI topic

MSc Computing (2 years)

Software systems engineering for numerate graduates in any subject with IELTS 5.5

Year 1 2 software & 4 computing courses
 2 research & technical English courses
Year 2 8 courses from our 1 year MScs
 MSc project on Computing topic

MSc Data Science (2 years)

Big Data engineering for numerate graduates in any subject with IELTS 6.0

Year 1 2 software engineering courses
 databases, AI intro, 4 computing courses
Year 2 8 courses on 1 year MSc Data Science
 MSc project on Data Science topic

MSc Human Robot Interaction (2 years)

Social robotics for numerate graduates in any subject with IELTS 6.0

Year 1 2 software engineering courses
 AI intro, robot mechanics, 4 computing courses
Year 2 8 courses on 1 year MSc HRI
 MSc project on HRI topic

1 year MSc starts in September - 4 courses in 2 semesters of 14 weeks each and a 15 week Masters project.

MSc Artificial Intelligence

Engineering smart software that learns for graduates with computing expertise

3D Graphics and Animation
AI and Intelligent Agents
Biologically Inspired Computation
Data Mining and Machine Learning
Intelligent Robotics
Software Engineering Foundations

Advanced Interaction Design
Advanced Software Engineering
Big Data Management
Computer Games Programming
Conversational Agents & Speech Processing
Research Methods and Project Planning

MSc Artificial Intelligence with Speech and Multimodal Interaction

Engineering smart software that converses for graduates with computing expertise

3D Graphics and Animation
AI and Intelligent Agents
Biologically Inspired Computation
Data Mining and Machine Learning
Human Robot Interaction
Industrial Programming
Statistical Modelling and Analysis

Advanced Interaction Design
Big Data Management
Computer Games Programming
Conversational Agents & Speech Processing
Data Visualisation and Analytics
Research Methods and Project Planning

MSc Data Science

Big Data engineering for graduates with database and programming expertise

Biologically Inspired Computation
Computer Network Security
Data Mining and Machine Learning
Industrial Programming
Software Engineering Foundations
Statistical Modelling and Analysis

Advanced Software Engineering
Big Data Management
Data Visualisation and Analytics
Digital and Knowledge Economy
Distributed and Parallel Technologies
Research Methods and Project Planning

MSc Human Robot Interaction

Social robotics for graduates with computing expertise and maths skills

3D Graphics and Animation
AI and Intelligent Agents
Data Mining and Machine Learning
Human Robot Interaction
Intelligent Robotics
Sensors, Actuators and IoT
Statistical Modelling and Analysis

Advanced Interaction Design
Big Data Management
Computer Games Programming
Conversational Agents & Speech Processing
Image Processing
Research Methods and Project Planning

MSc Network Security

Security engineering of computer networks for graduates with IT skills

Computer Network Security
Data Communications and Networking
Data Mining and Machine Learning
Industrial Programming
Rigorous Methods for Software Engineering
Sensors, Actuators and IoT
Software Engineering Foundations

Advanced Network Security
Advanced Software Engineering
Big Data Management
Distributed and Parallel Technologies
Project Management
Research Methods and Project Planning

MSc Software Engineering

Advanced software engineering for Computer Science graduates

3D Graphics and Animation
Biologically Inspired Computation
Computer Network Security
Data Mining and Machine Learning
Industrial Programming
Rigorous Methods for Software Engineering

Advanced Interaction Design
Advanced Software Engineering
Big Data Management
Computer Games Programming
Distributed and Parallel Technologies
Project Management
Research Methods and Project Planning

MSc Sports Data Science

Big Data engineering and analytics for Sports Science graduates

Database and Information Systems
Data Mining and Machine Learning
Interpreting Performance Data
Software Engineering Foundations

Advanced Interaction Design
Big Data Management
Research Methods and Project Planning
Software Engineering Master Class
Sports Data Engineering and Analysis