



MSc Computer Services Management

Managing computing services for numerate graduates with IT background

Computer Network Security, Databases & Information Systems, e-Commerce Technology, Information Systems Methodologies, Network Applications, Project Management, Purchasing, Research Methods, Software Engineering in Java, Systems Management & Security, Systems Programming & Scripting

MSc IT (Business)

Advanced IT applications and business issues for numerate graduates

Advanced Software Engineering; Databases & Information Systems; Design for Online Learning; e-Commerce Technology; Information Systems Methodologies; Integrated Online Learning Environments; Network Applications; Project Management; Research Methods; Software Engineering in Java; Strategic Project Management; Work, Culture & Organisations

MSc IT (Software Systems)

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

Advanced Software Engineering, Computer Games Programming, Computer Network Security, Databases & Information Systems, Information Systems Methodologies, Internet Engineering, Mobile Communications & Programming, Network Applications, Research Methods, Software Engineering in Java, Systems Management & Security, 3D Modelling & Animation

Graduate Diploma in IT

8 or 11 month pre-Masters programme in IT for good 3 year ordinary degree graduates

Students do honours level IT project, major group project and several IT courses. English study is possible at same time. IELTS 6.0 students end in June and IELTS 5.5 students end in August. Admission requires prior academic study of IT.

Details

MSc admission in September requires a good honours degree with the required background or its equivalent.

English level needed is IELTS 6.0, TOEFL 87 (IBT), 213 (CBT), 550 (PBT), Cambridge Certificate of Proficiency grade C. UKBA minima apply for tier 4 study visas.

Scots & EU citizens can apply for SAAS grants. International students can apply for scholarships from our school, the university or the Scottish government.

Contact

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**MSc Advanced
Computer Science**

1 year Research Masters for Computer Science graduates with good grades

Supervised research on advanced topic in Computer Science plus 4 taught courses chosen across full range of our MSc programmes, research courses are Research Paper Authorship, Research Methods & Project Planning and Software Engineering Master Class

**MSc Advanced
Internet
Applications**

Advanced distributed applications for graduates with Computing expertise

Advanced Interaction Design, Advanced Software Engineering, Communications & Networks, Computer Network Security, Distributed & Parallel Technologies, Distributed Systems Programming, Internet Engineering, Mobile Communications & Programming, Network Applications, Research Methods, Software Engineering in Java, Systems Programming & Scripting

**MSc Artificial
Intelligence**

Engineering smart software that can learn for Computer Science graduates

AI & Intelligent Agents, Biologically Inspired Computing, Computer Games Programming, Data Mining & Machine Learning, Research Methods, Rigorous Methods for Software Engineering, Robotics & Automation, Software Engineering in Java, Software Simulation & Modelling, Virtual Environments, Web Intelligence, 3D Modelling & Animation

**MSc Computational
Biology**

Computational & mathematical approaches to Biological Sciences for suitable graduates

Advanced Software Engineering, Applied Linear Algebra, Biologically Inspired Computation, Databases & Information Systems, Downstream Bioprocessing, Foundation Molecular Biology, Mathematical Biology & Medicine, Modelling & Tools, Research Methods, Software Engineering in Java, Software Simulation & Modelling, Systems Programming & Scripting, Web Intelligence

**MSc Creative
Software Systems**

Creative software engineering for graduates with Computing expertise

3D Modelling & Animation, Advanced Interaction Design, AI & Intelligent Agents, Biologically Inspired Computation, Computer Games Programming, Computer Graphics, Research Methods, Software Engineering in C++, Software Engineering in Java, Software Simulation & Modelling, Systems Programming & Scripting, Virtual Environments

**MSc Software
Engineering**

Advanced software engineering for Computer Science graduates

Advanced Interaction Design, Advanced Software Engineering, Biologically Inspired Computation, Computer Games Programming, Computer Network Security, Information Systems Methodologies, Mobile Communications & Programming, Research Methods, Rigorous Methods for Software Engineering, Software Engineering in Java, Software Simulation & Modelling, Systems Programming & Scripting