



Management and Information Systems MSc

www.cranfield.ac.uk/mis



Embark on an exciting journey towards a dynamic career in technology and information systems management with the Management of Information Systems MSc. This programme is carefully designed for those aspiring towards careers in managing technology-based information systems management, by developing an understanding of complex relationships between people, information, processes and technology in order to support organisations and industries.

The course covers key topics in digital transformation, operations management, supply chain, business process analysis, change management and enterprise systems, all which have carefully been selected to provide you with the skillset necessary to thrive in the management of information systems aligned with innovative application of digital technology.

Who is it for?

This MSc has been designed to suit students from a range of backgrounds, including:

- Graduates and early-career professionals: Ideal for those who have recently completed their studies or are in the early stages of their career, looking to specialise in managing information systems and driving technological transformation across diverse sectors such as aerospace, automotive, rail, energy, and defence.
- Diverse academic backgrounds: While the course is a natural fit for those with undergraduate degrees in IT, computing, information systems, and engineering. We also extend a warm welcome to professionals who have gained valuable industry experience in managing information systems and projects.
- Aspiring leaders: Our programme is particularly beneficial for those who are keen to transition from a technical role to a managerial position within the information management domain. It's an opportunity to complement your technical expertise with essential managerial and engagement skills.
- A spectrum of industries: Whether you're from aerospace, automotive, rail, energy, defence, or any sector where technology plays a pivotal role, this course will equip you with the skills to lead and innovate.

Your career

The Management of Information Systems MSc provides a gateway to a world where technology, management, and innovation converge, offering you the tools and knowledge to become a leader in your field. With our comprehensive curriculum, hands-on learning approach and unparalleled career support, you are set to embark on a transformative journey of shaping the future of business and technology.

Overview

Start date

Full-time: October, part-time: throughout the year

Duration

One year full-time, Three years part-time

Qualification

MSc, PgDip, PgCert

Study type

Full-time / Part-time

Structure

Taught modules 40%, Group project 20% (dissertation for part-time students), Individual project 40%

Campus

Cranfield campus

Entry requirements

We welcome applications from talented individuals of all backgrounds and each application is considered on its individual merit. Usually applicants must hold:

A UK lower second-class (2:2) undergraduate degree with honours, as a minimum, or equivalent international qualification.

Ideally, applicants will have studied in a relevant science, engineering or related discipline.

Find information about equivalent qualifications in your country on our International entry requirements page.

Applicants who do not fulfil the standard entry requirements can apply for the pre-master's course, successful completion of which will qualify them for entry to this course for a second year of study.

Fees

Please see www.cranfield.ac.uk/fees for detailed information about fee status, full-time and part-time fees as well as deposit requirements and bursary and scholarship information.

Course details

The course comprises eight assessed modules, a group project and an individual research project. The modules include lectures and tutorials and are assessed through practical work, written examinations, case studies, essays, presentations and tests. These provide the 'tools' required for the group and individual projects.

Modules

Keeping our courses up-to-date and current requires constant innovation and change. The modules we offer reflect the needs of business and industry and the research interests of our staff. As a result, they may change or be withdrawn due to research developments, legislation changes or for a variety of other reasons. Changes may also be designed to improve the student learning experience or to respond to feedback from students, external examiners, accreditation bodies and industrial advisory panels.

To give you a taster, we have listed below the compulsory and elective (where applicable) modules which are currently affiliated with this course. All modules are indicative only, and may be subject to change for your year of entry

Compulsory modules

All the modules in the following list need to be taken as part of this course.

Operations Management

Digital Engineering

Data Analytics and Artificial Intelligence

Data Analytics

Enterprise Modelling

Enterprise Systems

Supply Chain Management

Integrated Data Management

"Cranfield University empowers me to attain technical proficiency in Information Technology and vocational stability in Manufacturing. Coming from a background in Library Science, I never imagined achieving such a significant milestone. However, Cranfield has equipped me and broadened my horizons of thought. This has definitely been a highlight from my time here at Cranfield."

Auwal Usman Muhammad

Current student, Management and Information Systems MSc

Accreditation

The Management and Information Systems MSc is accredited by the Institution of Mechanical Engineers (IMechE), the Royal Aeronautical Society (RAeS), Institution of Engineering & Technology (IET) on behalf of the Engineering Council as meeting the requirements for further learning for registration as a Chartered Engineer (CEng).

Candidates must hold a CEng accredited BEng/BSc (Hons) undergraduate first degree to show that they have satisfied the educational base for CEng registration.

Please note accreditation applies to the MSc award, PgDip and PgCert (if offered) do not meet in full the further learning requirements for registration as a Chartered Engineer.



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AERONAUTICAL
SOCIETY**

IET The Institution of
Engineering and Technology

For more information contact our Admissions Team:
T: +44 (0)1234 758082

Visit campus for yourself and meet current students and our academics at our next Open Day:
www.cranfield.ac.uk/openday

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Every effort is made to ensure that the information provided here is correct at the time it is published. Please check our website for the latest information.