



Aviation Safety Management, Risk and Regulation MSc

www.cranfield.ac.uk/ASMRR



Cranfield University, in partnership with CAA International*, launched this course in 2020 to provide a spectrum of technical knowledge in the context of safety management, risk and regulation in aviation. It is developed for safety professionals and regulators to deepen their understanding of safety management, risk-based regulation, law and human factors. Professionals working in aerospace, commercial air transport industries, and regulators must possess detailed knowledge of existing and emerging safety management issues facing the industry during the design, production, operation and maintenance of products and systems. This enables the aviation industry and regulatory authorities to make more informed risk management decisions, ultimately leading to safer, more cost-effective operations.

The course aims to provide a globally-unique offering to meet the needs of safety professionals in the industry and the regulator, offering the opportunity to engage with real safety problems of today and future challenges.

*CAA International is the training and advisory services arm of the UK Civil Aviation Authority.

Why this course?

This programme is delivered through the specialist Cranfield Safety and Accident Investigation Centre, operating for over 45 years to support global safety and investigation. This course combines the knowledge and expertise of the Centre's academic staff with the UK Civil Aviation Authority's senior staff.

The course structure supports enhanced depth of learning and online delivery gives students more flexibility. Cranfield University offers a comprehensive range of library and IT services that support a part-time mode of learning, enabling national and international students to study while balancing work/life commitments. The course is innovative, different, unique and flexible.

Your career

Most students on this course will probably already be in full-time employment at the time of attending the course. However, this MSc prepares them for a higher level of responsibility in a variety of areas. The course has a blend of subjects covering the varied topics within risk and safety management, which will have a huge benefit for people within all aviation sectors. It is, therefore, entirely possible that the course will enable people to take on additional responsibility and/or transition to other areas within the aviation industry, or gain promotion as a result of successfully progressing/completing this course.

Overview

Start date

January

Duration

MSc: three years part-time; Postgraduate Diploma: two years; Postgraduate Certificate: one year

Qualification

MSc, PgDip, PgCert

Study type

Part-time

Structure

MSc: Taught modules - 40%; Group project - 20%; Individual research project - 40%;

PgDip: Taught modules - 65%; Group project - 35%;

PgCert: Taught modules - 80%; Group project - 20%

Campus

Online

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 subject.

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

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 whole part-time MSc is expected to be completed in three years and includes Modules 1, 2, 3, 4, Group Project 1, 2 and the Individual Research Project module. The PgDip takes two years to complete; Modules 1, 2, 3, 4 and Group Project 1, 2 must be completed successfully. The PgCert is expected to be completed in one year, with taught modules 1 and 2 and Group Project 1 to be successfully completed.

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.

Advanced Safety and Risk Management

Aviation Legislation and Regulatory Approach

Responding to Risk in Sociotechnical Systems

Aircraft Accident Investigation and Response

"I am really enjoying the course content, and this is exactly what I was hoping for when I joined. The assignment questions after each module are well-thought-out in my view, as they drive me towards a much better understanding of the module content, ensuring a high retention about the subject in my mind. From a university perspective, I find the research work that Cranfield does, especially in the field of aviation very exciting."

Raj De

current student, Aviation Safety Management, Risk and Regulation MSc

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

Come and find out if Cranfield is the right place for you. Visit campus for yourself or join us virtually to meet current students and academics at one of our upcoming open events:
www.cranfield.ac.uk/study/ways-to-meet-us

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.

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