Airport Planning and Management MSc

www.cranfield.ac.uk/apm

The airport industry is constantly evolving and increasingly complex. Successful airport planning and management requires a comprehensive understanding of the critical interactions between infrastructure development, business strategies and changing regulatory environments; so that airports can be transformed into key assets in making net zero aviation a reality.

The Airport Planning and Management MSc is a unique course created to equip you with skills in airport business development, strategic planning, design, operations and environmental management. This will empower you to pursue a career across various sectors in the entire air travel value chain, including transport and business consultancies, airport design firms, airport operators, travel providers, air navigation service providers and more.

Who is it for?

The Airport Planning and Management MSc is suitable for students with a degree in diverse areas of engineering, economics, business studies, geography and social sciences, and with demonstrable interest in the airport industry. You will join a diverse cohort of individuals with a passion for aviation and a drive to build sustainable air transport solutions to connect the world.

This course covers a core area of expertise in airport planning and management, while enabling you to specialise in appropriated subject areas. This flexibility means that you may tailor your learning experience to your own interests and career aspirations.

Your career

After completing the Airport Planning and Management MSc, you will be in a unique position to respond to the need for talented individuals to drive the transition towards a sustainable air transport system.

Previous graduates have secured employment within a range of roles:

Airport Planner,
Aviation Consultant,
Operations Controller,
Senior Airport Planner,
Project Manager,
Strategic Planning and Sustainability Specialist,
Senior Design Manager,
ORAT Coordinator.

Overview

Start date
October

Duration
One year full-time

Qualification
MSc

Study type
Full-time

Structure
Taught modules 50%, Group project 10%, Individual research project 40%

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 upper second-class (2:1) undergraduate degree with honours, as a minimum, or equivalent international qualification.

Ideally, applicants will have studied in relevant fields.

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.

ATAS clearance
This course requires Academic Technology Approval Scheme (ATAS) clearance.

ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

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

Ten compulsory taught modules, two of which elective, a group project and an individual research project.

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.

Airport Design

Airport Operations

Airport Strategic Planning

Airport Finance and Business Management

Geopolitics and International Aviation Law

Air Transport Environmental Planning

Air Transport Market Analysis and Forecasting

Elective modules

Select two from the list below

Air Transport Marketing

Airline Strategic Management

Aviation Safety Management

Digital Aviation Management

Regional Aviation

"The calibre of the teaching staff and guest lecturers speaks for itself. Cranfield is an excellent choice to pursue postgraduate studies as it positions students for entrylevel and mid-level roles within the top airlines, airport operators, consultancies, and key organisations within the aviation industry."

Eduard Clerch
Team Leader and Principal Airport Planner, Mott MacDonald, Airport Planning and Management MSc (2012)