



Air Transport Management

MSc

This course is designed to equip you with the skills required to pursue a successful career in various sectors of the air transport industry including airlines, airport companies and authorities, civil aviation departments, air transport consultancies and aerospace companies. The course is suitable for students with a degree in aeronautical engineering, economics, business studies and geography or those with demonstrable experience in the air transport industry.

This course covers a wide area of expertise related to air transport management whilst enabling you to specialise in appropriated subject areas. This flexibility means that you may tailor the course to your particular interests and aspirations. It aims to provide you with a thorough grounding in all air transport issues as well as managerial, interpersonal, financial and analytical skills.

The MSc Air Transport Management has been established since 1964. The course has an outstanding global reputation with over 1,000 graduates to date. Graduates of this course are featured in our annual CV Book, a publication which is requested by and circulated to our extensive industry partner network, as our graduates are highly sought after. In addition, we give students access to our exclusive Air Transport Alumni group on LinkedIn. This offers unrivalled networking and job opportunities.

Course structure

The course has three elements: taught modules, a group project and an individual research project. Taught modules (50%), Group project (10%), and Individual Thesis project 40%.

Individual project

The individual project is an opportunity to study a current problem and allows students to choose a subject of interest to explore in detail. Students can undertake independent research on a subject relevant to technical, operational or commercial aspects of the air transport or related industries.

Group project

The group project undertaken in April, aims to provide a simulated industrial environment where knowledge and skills gained from the taught component can be applied to solving an air transport management problem.

Future career

Many of our former graduates now occupy senior positions within the air transport industry. We have close links with organisations in the industry who consider our students a valuable source of potential recruits - our graduate employment rate is 100%. Past students have been employed by; Airlines (British Airways, Air France, Virgin Atlantic, bmi british midland, Monarch, American Airlines, Lufthansa, easyJet, go); Aerospace Manufacturers (Airbus, Bombardier, British Aerospace, Rolls-Royce); Airport Authorities (BAA, Manchester, Birmingham); Aircraft Maintenance; Air Parcel Carriers; Consultancy Firms; Aviation Insurance and Finance; and Aviation Journalism.

Example modules

Modules form only part of the course, with the project(s) and these making up the balance. Please see the course structure for details.

The list below shows the modules offered in the 2019-20 academic year, to give you an idea of course content. To keep our courses relevant and up-to-date, modules are subject to change – please see the webpage for the latest information.

Compulsory:

- Air Transport Market Analysis and Forecasting,
- Research Methods and Statistics,
- Air Transport Economics and Finance,
- Air Transport Marketing,
- Air Transport Operations,
- Air Transport Strategic Management,
- Introduction to the Air Transport Industry,
- Regulatory Policy and Air Law.

Elective:

- Airline Fleet Planning,
- Aviation Safety Management,
- Air Transport Engineering - Maintenance Operations,
- Air Transport Environmental Planning.

Duration:

MSc: Full-time - one year.

Start date:

October.

Location:

Cranfield Campus.

Entry requirements:

A first or second class UK Honours degree in a relevant subject or an equivalent international qualification or relevant work experience.

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

Please visit www.cranfield.ac.uk/entryrequirements for more information. Alternatively, you may be eligible for our Pre-Master's Engineering programme.

ATAS Certificate:

Students requiring a visa to study in the UK may need to apply for an ATAS certificate to study this course.

Contact details

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For further information please visit
www.cranfield.ac.uk/atm