



# Airport Planning and Management

MSc

A unique course created to meet a demand clearly stated by employers for graduates skilled and qualified in airport business development, planning, design, operations and environmental management. Study at the only UK university campus with a fully operational airport. Cranfield University is the only university in the world to run an English language master's course in airport planning and management. Achieving this highly relevant and globally respected degree will enable you to stand out in a competitive employment market.

Cranfield's Centre for Air Transport Management combines a wealth of practical expertise with extensive research, consultancy and teaching experience in one centre of excellence. We have been providing postgraduate education for almost sixty years. You can be sure that your qualification will be valued and respected by employers throughout the world. In addition to management, communication, team work and research skills, you will attain understanding of relevant international and national regulations and the ability to explain their effects on airport business, planning, design, operations and safety management decisions. You will also gain critical awareness of the key issues that affect users of airport facilities and the ability to explain the impact of their commercial pressures, strategic decisions.

## Course structure

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

## Individual project

The individual research project is the single largest component of this course and is an opportunity to study a problem in detail. Sponsoring organisations may co-operate in the choice of a suitable subject. Project topics vary widely and are often based on your area of interest. The individual research project component typically takes place between April and August.

## Group project

In April students are divided into groups of seven to ten, and asked to solve a current airport planning and management challenge. The group project draws upon the learning from the taught modules and applies it to real-life simulation. Each member is required to take responsibility for a key area, for example, market analysis, capital expenditure forecast or terminal design.

## Future career

Working in an airport environment offers varied and exciting career possibilities. Graduates will be able to pursue a career working for an airport authority in business development, operations, design and planning or with one of the many planning and management consultancies that advise airports across the world. Recent graduates have secured employment with a range of companies including; Arup; Jacobs Consultancy; Mott MacDonald; Airbus; Korean Airports Corporation; Malaysian Airports; SH&E; Aviation Economics; and Heathrow Airport.

## 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:

- Airport Design,
- Airport Finance and Business Management,
- Airport Operations,
- Airport Strategic Planning,
- Air Transport Environmental Planning,
- Air Transport Market Analysis and Forecasting,
- Introduction to the Air Transport Industry,
- Regulatory Policy and Air Law,
- Research Methods and Statistics.

### Duration:

MSc: Full-time - one year.  
PgDip: 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](http://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/apm](http://www.cranfield.ac.uk/apm)