



MSc Project Management, Finance and Risk

**NEW
COURSE**

This exciting new course offers training in modern techniques for managing and engineering the uncertainties and risk inherent in projects and designing appropriate financial instruments and tools to optimize the performance throughout the life cycle. Capital goods manufacturers are changing into the providers of services selling the function of the capital item rather than the item itself. This change demands new ways based on financial engineering and risk analysis to price, manage, and service the resulting contracts. Capital projects are also evaluated on the basis of life cycle cost and revenue streams in an uncertain environment.

Course content

This course provides a basis in risk and decision making under uncertainty, classical engineering economics, and financial engineering for those pursuing a career or planning a career in capital goods or project management. In addition the course provides practical skills in software and communications tools. The programme is modular, each module last four days. The structure is designed to allow both full and part time students to follow the course.

Modules include:

- Managing Risk and Uncertainty
- Optimization and Decision Making
- Lifecycle Engineering
- Financial Engineering and project planning
- Communication and Presentation
- Programming and software packages

Employment opportunities

The course prepares graduates for a wide range of careers involving project management and financial planning. It is particularly suited to those planning to work in infrastructure management and development.

Entry requirements

Applicants should normally hold a good honours degree in a subject with suitable mathematical content, such as engineering or physics. However, we are always ready to talk to potential students with other qualifications.

Students who have previously studied a degree taught in a language other than

English will be required to have one of the following qualifications:

- IELTS: 6.5
- TOEFL (internet-based): 100

Duration

Full time: one year, with the project taking approximately six months during or after this period.

Part time: two years, with the project taking approximately six months during or after this period.

Fees

Full time: £7,500 UK/EU
£9,750 International

Part time: £3,750 UK/EU
£4,875 International

Scholarships

Each year, we make funds available for scholarships to outstanding students on each of the Specialist Master's courses.

More information

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