



# Knowledge Management for Innovation

MSc/PgDip/PgCert

Developing the next generation of technical and business leaders who can drive strategic innovation and collaboration by effective management of organisational knowledge within their specialised domains. Learn a range of skills, from people management through to data management and business process planning. Develop leadership skills, team working skills, creativity and knowledge, enabling you to implement management practice to aid the development of business. In an increasingly competitive environment, where new business practices are regularly introduced, organisations have to be innovative to survive. Such innovation is dependent upon companies developing effective knowledge management internally as well through external interaction. In order to exploit the potential of the 'knowledge base' organisations need to engage and develop specialists with the ability to implement knowledge management practice to aid the development of business. Students on this programme develop a range of skills, from people management and innovation through to data management techniques and business process planning. The course develops the next generation of technical and business leaders who can drive strategic innovation and collaboration by effective management of organisational knowledge within their specialised domains.

## Course structure

The Knowledge Management for Innovation programme is made up of three components: a formal taught component comprising eight modules (40%), Group Project (20%) and Individual Thesis Project (40%).

## Individual project

The individual thesis project runs from June to September. The thesis provides an opportunity for a substantial piece of individual research. The thesis is usually industry-based and the subject is defined by the agreement with the sponsor. Working under academic supervision, each student is given a problem, the solution of which requires extensive research and fieldwork.

## Group project

The group project experience is highly valued by both students and prospective employers. Teams of students work to solve an industrial problem. The project applies technical knowledge and provides training in teamwork and the opportunity to develop non-technical aspects of the taught programme. Part-time students can prepare a dissertation on an agreed topic in place of the group project.

## Future career

Successful students will secure influential positions in almost all aspects of business including manufacturing, banking, healthcare, government and consultancy.

## Example modules

The MSc consists of assessed modules consisting of lectures, practical work and site visits.

### Compulsory

- Enterprise Systems
- Knowledge Acquisition and Creation
- Design Driven Innovation Processes
- General Management
- Knowledge Systems Design
- Information Management
- Enterprise Modelling
- Strategic Knowledge Management

### Duration:

MSc: Full-time - one year, Part-time - up to three years;  
PgDip: Full-time - up to one year, Part-time - two years;  
PgCert: Full-time - up to one year, Part-time - two years

### Start date:

Full-time: October. Part-time: throughout the year

### 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. 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

T: +44 (0)1234 758081

E: [studysom@cranfield.ac.uk](mailto:studysom@cranfield.ac.uk)

For further information please visit

[www.cranfield.ac.uk/courses/taught/knowledge-management-for-innovation](http://www.cranfield.ac.uk/courses/taught/knowledge-management-for-innovation)