

Student funding available

# MSc Knowledge Management for Innovation

Full and part-time

## Why this course

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 knowledge management specialists.

The MSc Knowledge Management for Innovation is operated in conjunction with industry and applies many industrial tools. This course aims to create 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. Therefore it develops leadership skills, team working skills, creativity and knowledge, to enable individuals to implement management practice to aid the development of business. The course combines rigorous academic activity, practical work, utilising industry software such as SAP, and real life experience through industry sponsored project work, in preparation for careers in engineering extended enterprise.

Students completing this course will have a full appreciation of the relevant technical and business requirements for the implementation of knowledge management practice to aid innovation within the organisation.

## Career opportunities

Successful students will secure influential positions in almost all aspects of business including manufacturing, banking, government and consultancy. Students have joined companies such as Airbus, Barclaycard, easyJet, BOC Edwards and Rolls-Royce.

## Key features

- Tailored to meet industry's increasing demand for knowledge management specialists
- Industry practitioners teach alongside Cranfield academic subject specialists
- Combines theory and practice, ensuring graduates enjoy excellent employment prospects
- Combines individual and team based learning and skills
- Offers a part-time route, suited to consolidating or changing career direction
- Postgraduate Diploma (PgDip) and Certificate (PgCert) qualifications are also available

## Close to industry

This MSc is directed through its own Industrial Advisory Committee that ensures the course is aligned to industry needs. Members include representatives from companies which sponsor project work, including Airbus UK, Athena, BAE Systems, Barclaycard, BOC Edwards, Cap Gemini UK, Domino, easyJet, IBM, KBSI, Lanner, Motorola, News International, NHS, Pfizer, Rolls-Royce, SAP UK and Sun Microsystems.

## Who should apply

- Graduates keen to gain the skills and knowledge required to implement knowledge management practice to aid the development of business
- Graduates currently working in industry keen to extend their qualifications
- Individuals with other qualifications who possess considerable relevant experience



Courtesy of Rosemary Gurney  
Design: Alan

" The year I spent at Cranfield undertaking this course was both valuable and exhilarating. I had the opportunity to discover how businesses really work whilst simultaneously learning many really valuable soft skills and meeting some very interesting people."

Jorge Gutiérrez Blanco, MSc student 2005-2006

" This course has been an important experience for me. I have learnt valuable business and technical knowledge, and the various projects/assignments gave me concrete experience of real business issue solving. This really helps me in my daily activities."

Laurent Damour,  
MSc student 2005-2006

## Modular MSc programme

The course comprises eight one-week assessed modules through which you will gain a full appreciation of the technical and business requirements for the implementation of knowledge management practice to aid organisational development. This is followed by a group project which provides you with the opportunity, whilst working in teams under academic supervision, to take responsibility for project tasks. Finally, the individual research project provides you with the opportunity to demonstrate independent research ability working within agreed objectives, deadlines and budgets. The group and individual projects are industrially orientated with support from industry and other external organisations.

Alternatively, the PgDip, comprising the eight taught modules and the group project, and the PgCert, comprising six taught modules, are available. Compulsory modules for the PgCert qualification are General Management, Innovation, Knowledge System Design, and Knowledge Acquisition and Creation.

## Modules

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

## Structure

- Taught modules 40%
- Group project 20%
- Individual project 40%

For part-time students a dissertation can replace the group project.

## Why Cranfield University

Cranfield University is a wholly postgraduate university with an international community and a truly global reputation. With a top five ranking for student employment on graduation, one of the best staff to student ratios in the UK, an excellent rating for teaching, and exceptional facilities, Cranfield makes an ideal destination for advancing careers. All courses are designed to meet the training needs of industry and have a strong input from experts in their sector. Our focus is on applied research and developing industry's future engineers, managers, consultants, and entrepreneurs.

## Course details

**Duration:** 1 year full-time, 2-3 years part-time.

**Start date:** Full-time: October.  
Part-time: throughout the year.

**Funding:** A formal offer of a place on this course must first have been received before consideration can be given for funding. Part-time students are usually sponsored by their employers. For information on funding opportunities please visit: [www.cranfield.ac.uk/sas/funding](http://www.cranfield.ac.uk/sas/funding)

**Entry requirements:** Candidates must possess, or be expected to achieve, a 1st or 2nd class UK honours degree or equivalent in a relevant discipline. Other relevant qualifications together with considerable industrial experience may be considered.

## Contact

For further information and an application form please contact:

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