

## Why Cranfield University

Cranfield is the only exclusively postgraduate university in the UK. Our focus is on applied research and developing industry's future engineers, managers, consultants, and entrepreneurs. With 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.

Cranfield is recognised globally for its multi-disciplinary approach to teaching and research. Our strong track record with industry means that Cranfield graduates are highly sought after by leading organisations internationally. We are ranked in the top 3 UK universities for graduates obtaining jobs, or going on to further study. All courses are designed to meet the training needs of industry and have a strong input from experts in their sector.

## Close to industry

The MSc Enterprise System Implementation is directed through its own Industrial Advisory Committee that ensures the course is aligned to industry needs. Members include Hitec (Lab) Ltd, British Computer Society, gedas uk ltd and IBM Global Services.

*"I wish this course had been available when I started my career. The socio-technical perspective would have helped me to deliver more business focused solutions. I recommend this course to all who need to integrate IT into businesses and vice versa."*

Chaley Warne, gedas uk ltd  
Consultant with 15 years IT experience

## Funding

Funding opportunities exist, such as industrial sponsorship and School bursaries. For the majority of part-time students sponsorship is organised by their employers. For information on funding opportunities please visit:  
[www.cranfield.ac.uk/sas/funding](http://www.cranfield.ac.uk/sas/funding)

Please note that a formal offer of a place on this course must first have been received before consideration can be given for funding.

**Cranfield**  
UNIVERSITY

# MSc Enterprise System Implementation

*Student funding available*

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# MSc Enterprise System Implementation

Full and part-time

## Key features

- Holistic approach to the implementation of information and communication technology (ICT) in business
- Skills development in business analysis and change projects
- Industrially related project work
- Global career opportunities
- Cranfield graduates are highly sought after by industry
- Part-time route available for persons in industry

## Why this course

In business, government, charity and even at home, computer systems are playing an integral role. The introduction of ICT is a complex process with many reported difficulties. A major pan-European research project, led by Cranfield University reported that 80% of system implementation projects fail to meet planned timescales and budgets, or deliver benefits late. Many of these are due to companies neglecting the 'organisation and people' changes introduced by the new technology.

The MSc Enterprise System Implementation equips students with the integrative approach and practical skills required to ensure success of implementation projects. On completion students will be able to make an immediate contribution to the design and management of projects within a wide range of manufacturing, commercial business and public service organisational contexts.

## Career opportunities

Successful students will secure positions in both the private and public sectors in information and communication technology (ICT), project management and operations management with direct and indirect responsibilities for IT/ICT. There also are corresponding opportunities in IT and management consultancy.

## Who should apply

- Graduates from science, applied science, engineering, IT and related disciplines
- Graduates currently working as consultants and managers with ambitions to use socio-technical thinking and methods to deploy IT systems for business benefits. The part-time option will allow practitioners to enhance their professional development within their current employment
- Individuals with other qualifications who possess considerable relevant experience

## Course overview

The course comprises eight one-week assessed modules, a group project and an individual project. The modules include lectures and tutorials, and are assessed through written examinations and assignments. These provide the 'tools' required for the group and individual projects, which are supported by industry. The three elements of the course are assessed as follows:

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

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

The full-time course is of 12 months' duration. Part-time students will be expected to undertake the course over a two to three year period. The modular format of the taught element permits a high degree of flexibility of attendance at Cranfield for part-time students who may commence the course at any time of the year.

## The modules

### Enterprise systems

- Enterprise Systems
- Enterprise Modelling

### Business organisation

- General Management
- Organisation Analysis and Design
- Business Process Analysis and Engineering
- Socio-Technical System Design

### Project management

- Project and Programme Management
- Business Change Management

Alternatively, Postgraduate Diploma (PgDip) and Postgraduate Certificate (PgCert) qualifications are available. Students undertaking the PgDip will be expected to complete the eight taught modules and the group project. PgCert students will be expected to complete six modules, which must include Enterprise Systems, Socio-Technical System Design, Organisation Analysis Design, and Business Change Management.

In addition, short courses are available to satisfy specific training needs.

**Note:** Cranfield University reserves the right to change the programme without prior notification. Information correct at time of going to print.

**Images:** Front and inside upper right courtesy of Rossmore Group Limited.