



Global Product Development and Management MSc

www.cranfield.ac.uk/gpdm



There is growing global demand within the manufacturing and service industries for talented professionals able to tackle the challenges that come with operating in a complex and rapidly-evolving environment.

With a continuous drive towards sustainability and net zero emission targets, designers and engineers play a critical role in developing products and processes that present lower environmental impact, whilst delivering innovation.

During the MSc in Global Product Development and Management, you will learn advanced techniques for integrating product development at different levels and how to design and manufacture intelligent, sustainable and internationally-competitive products. You will also develop the analytical and interpersonal skills necessary for the creative and effective application of knowledge used to address different product development issues.

Who is it for?

The MSc is designed for early- and mid-career professionals, career changers, and ambitious, internationally-focused graduates looking to enhance their careers in a global context. Our students come from a wide range of backgrounds, including design disciplines, engineering, medical and healthcare and more, all of them with a keen interest in the design, development and manufacture of innovative products.

Although the management of products comprises a proportion of this programme, the angle from which this course is taught is that related to manufacturing, operations, supply chains, production processes, design and process engineering. The course is not suitable for those purely interested in the marketing of products. For marketing and management courses, please refer to the School of Management.

Your career

This course will enable graduates to progress to senior roles in a range of global businesses. Previous graduate destinations include aerospace and automotive manufacturing multi-nationals, as well as leading consultancy firms.

Job roles that our students have gone into:

- Business and Product Development Manager,
- Consultant Strategy and Operations,
- Design and Development Engineer,
- Engineering Project Manager,
- Head of Manufacturing Engineering,
- Head of Engineering and Tooling.

Overview

Start date

Full-time: October, part-time: throughout the year

Duration

One year full-time, two-five years part-time

Qualification

MSc, PgDip, PgCert

Study type

Full-time / Part-time

Structure

Taught modules 40%, Group project 20% (dissertation for part-time students), Individual project 40%

Campus

Cranfield campus

Entry requirements

We welcome applications from talented individuals of all backgrounds and each application is considered on its individual merit. Usually applicants must hold:

A UK lower second-class (2:2) undergraduate degree with honours, as a minimum, or equivalent international qualification.

Find information about equivalent qualifications in your country on our International entry requirements page.

Fees

Please see www.cranfield.ac.uk/fees for detailed information about fee status, full-time and part-time fees as well as deposit requirements and bursary and scholarship information.

Course details

The course comprises eight assessed modules, a group project and an individual research project.

Modules

Keeping our courses up-to-date and current requires constant innovation and change. The modules we offer reflect the needs of business and industry and the research interests of our staff. As a result, they may change or be withdrawn due to research developments, legislation changes or for a variety of other reasons. Changes may also be designed to improve the student learning experience or to respond to feedback from students, external examiners, accreditation bodies and industrial advisory panels.

To give you a taster, we have listed below the compulsory and elective (where applicable) modules which are currently affiliated with this course. All modules are indicative only, and may be subject to change for your year of entry

Compulsory modules

All the modules in the following list need to be taken as part of this course.

Operations Management

Digital Engineering

Engineering Leadership and Management

Design, Technology and Prototyping

Enterprise Modelling

Design Driven Innovation Processes

Supply Chain Management

Lean Product Development

"I really enjoyed my time at Cranfield. Global Product Development and Management MSc is an interesting course that combines my three favourite fields, Design, Business, and Engineering. The community is very friendly here. Students and Staff are among the brightest people I have ever met. I certainly enjoyed the guest speaker sessions and workshops from industry and alumni. I highly recommend an MSc from Cranfield."

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current student, Global Product Development and Management MSc

Accreditation

The Global Product Development and Management MSc is accredited by the Institution of Mechanical Engineers (IMechE), the Royal Aeronautical Society (RAeS), Institution of Engineering & Technology (IET) on behalf of the Engineering Council as meeting the requirements for further learning for registration as a Chartered Engineer (CEng).

Candidates must hold a CEng accredited BEng/BSc (Hons) undergraduate first degree to show that they have satisfied the educational base for CEng registration.

Please note accreditation applies to the MSc award, PgDip and PgCert (if offered) do not meet in full the further learning requirements for registration as a Chartered Engineer.



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SOCIETY

IET The Institution of
Engineering and Technology

For more information contact our Admissions Team:
T: +44 (0)1234 758082

Visit campus for yourself and meet current students and our academics at our next Open Day:
www.cranfield.ac.uk/penday

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Every effort is made to ensure that the information provided here is correct at the time it is published. Please check our website for the latest information.