



Global Product Development and Management

MSc/PgDip/PgCert

Manufacturing and service industries require many more talents who can tackle the challenges that come with operating in a complex, global environment. Learn advanced techniques for integrating product development at different levels, and how to design and manufacture intelligent, sustainable and internationally competitive products. This course develops highly educated employees, equipped with an international understanding of global manufacturing and service. It covers cutting-edge technologies for worldwide product development and management, including concept creation and creativity.

Course structure

The Global Product Development and Management 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

Either industrially or academically driven, students select the individual project in consultation with the Course Director. The project provides students with the opportunity to demonstrate their ability to carry out independent research, think and work in an original way, contribute to knowledge, and overcome genuine manufacturing problems.

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

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.

Example modules

Modules form only part of the course, with the project(s) and theses making up the balance. Please see the course structure for details.

The list below shows the modules offered in the 2019-20 academic year, to give you an idea of course content. To keep our courses relevant and up-to-date, modules are subject to change – please see the webpage for the latest information.

Compulsory:

- Design Driven Innovation Processes,
- Design, Technology and Prototyping,
- Digital Engineering,
- Enterprise Modelling,
- General Management,
- Lean Product Development,
- Operations Management,
- Supply Chain 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 or equivalent in a relevant discipline. Other relevant qualifications together with considerable industrial experience may be considered.

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

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For further information please visit
www.cranfield.ac.uk/gpdm