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 truly world-leading course has been designed to address the need for highly trained business leaders able to respond to the challenges and demands of modern globalised markets. We develop global thinkers who can apply their knowledge of global markets to effectively manage cross-border teams and develop internationally competitive products and services. The world is becoming increasingly connected, bringing a host of new challenges in terms of organisational management, product development and cross-border collaboration. 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
The course takes you on to a range of international leadership positions in globalised organisations. Graduates will be equipped to manage integrated international projects and teams to successfully address the challenges of global product development and management.

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

**Compulsory:**
- Technology and Prototyping,
- General Management,
- Lean Product Development,
- Digital Engineering,
- Supply Chain Management,
- Operations Management,
- Design Driven Innovation Processes,
- Enterprise Modelling.

**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; an equivalent international qualification; relevant work experience with a degree below second class Honours. Please contact us if you do not meet our formal entry requirements. More information can be found at www.cranfield.ac.uk/entryrequirements.

Applicants who do not fulfil the standard entry requirements can apply for the Pre-master’s in Engineering programme, successful completion of which will qualify you for entry to this course for a second year of study.

**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 758083
E: studymanufacturing@cranfield.ac.uk

For further information please visit
www.cranfield.ac.uk/courses/taught/global-product-development-and-management