

The double-degree advantage



A double-degree at Cranfield University is a unique experience



Why not fast track your progress by doing a double-degree at one of the UK's leading postgraduate universities?

Cranfield University has double-degree arrangements with a number of top quality EU universities. Our European Partnership Programme offers the opportunity for small numbers of highly motivated, carefully selected students to combine the final year of their studies with a Cranfield MSc.

Cranfield takes a practical approach to its programmes, informed by the cutting-edge research projects we carry out for industry. Studying here will prepare you for an exciting career in industry, commerce, non-governmental organisations, or academia.

- **Experience British culture in an international community**

Come to a leading postgraduate university and join a community of students from over 100 countries, more than half of whom are from outside the UK. As well as making friends for life, you will experience a host of different cultures and gain an insight into working closely with people from different backgrounds – essential skills for your future career. You will also improve your language skills as our courses are taught in English.

- **World-renowned teaching informed by cutting-edge industrial research**

Cranfield research involves collaboration with industry on some of the world's leading projects which feed through to our programmes, ensuring that graduates are equipped with the latest thinking.

- **A practical approach that creates close and sustainable links with industry**

Graduate students are taught based on up-to-date research, get involved in solving real-life problems, and can network with potential employers.

- **An applied, relevant postgraduate qualification using state-of-the-art facilities**

You will have access to our world-class industry-standard facilities and software.

- **An international university with great connections and networking opportunities**

We are completing projects with organisations at the leading edge of innovation, from Formula 1 motor racing teams, international airlines and airport designers to commercial and not-for-profit consultancies. Cranfield's global partners include household names such as Rolls-Royce, The European Space Agency, Boeing, BAE Systems, Environment Agency, Yorkshire Water, Water Aid, Thames Water, Nissan and Renault.

- **A great cultural experience early in your career**

You will be surrounded by and working with like-minded, talented and ambitious people in a professional study environment designed to help you achieve your career aspirations.

Student view

"Choosing the MSc in CFD was the best decision of my life so far. Cranfield offers excellent studying conditions, with well-equipped IT facilities, an abundance of software and most importantly, a state-of-the-art High Performance Computing centre."

Lucasz Palusk
MSc Computational Fluid Dynamics



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Double-degree postgraduate courses at Cranfield University

Advanced Lightweight Structures and Impact MSc

Advanced Materials MSc

Advanced Mechanical Engineering MSc

Aerospace Dynamics MSc Options in

- Aerodynamics
- Flight Dynamics

Aerospace Vehicle Design MSc Options in Design

- Aircraft Design
- Avionic Systems
- Structural Design

Agricultural and Environmental Engineering MSc by Research

Airport Planning and Management MSc

Air Transport Management MSc

Analytical Biotechnology MSc

Applied Bioinformatics MSc

Astronautics and Space Engineering MSc

Automotive Product Engineering MSc

Autonomous Vehicle Dynamics and Control MSc

Carbon Capture and Transport MSc

Clinical Information Management MSc

Clinical Research Management MSc

Clinical Research MSc

Computational and Software Techniques in Engineering MSc with option in:

- Advanced Computing Environments and Applications
- Digital Signal and Image Processing
- Computer Aided Engineering
- Software Engineering for Technical Computing

Computational Fluid Dynamics MSc

Design of Rotating Machines MSc

Driver Behaviour MSc

Economics for Natural Resource and Environmental Management MSc

Energy Supply for Low Carbon Futures MSc

Energy Systems and Thermal Processes MSc

Engineering and Management of Manufacturing Systems MSc

Environmental Diagnostics and Management MSc

Environmental Engineering MSc

Environmental Management for Business MSc

Environmental Risk Management MSc

Finance and Management MSc

Food Chain Systems MSc

Geographical Information Management (GIM) MSc

Global Product Development and Management MSc

Health and the Environment MSc

Health Operations MSc

Human Factors and Safety Assessment in Aeronautics MSc

Knowledge Management for Innovation MSc

Land Management MSc/MTech/PgDip/PgCert with option in

- Ecological Conservation
- Land Reclamation and Restoration
- Natural Resource Management
- Soil Management

Logistics and Supply Chain Management MSc

Management and Information Systems MSc

Manufacturing Consultancy MSc

Manufacturing Technology and Management MSc

Materials for Energy Systems MSc

Medical Diagnostics MSc

Microsystems and Nanotechnology MSc

Molecular Medicine MSc

Motorsport Engineering and Management MSc

Nanomedicine MSc

Offshore and Ocean Technology MSc with options in

- Offshore Materials
- Offshore Renewable Energy
- Pipeline Engineering
- Risk Management
- Subsea Engineering

Pharmacovigilance Data Management MSc

Process Systems Engineering MSc

Renewable Energy Engineering MSc

Renewable Energy Technology MSc

Sports Surface Technology MSc by Research

Strategic Marketing MSc

Sustainable Manufacturing MSc

Thermal Power MSc with option in

- Aerospace Propulsion
- Gas Turbine Technology
- Power, Propulsion and Environment
- Rotating Machinery, Engineering and Management

Toxicology and Epidemiology MSc

Translational Medicine MSc

Ultra Precision and Nanoengineering MSc

Ultra Precision Technologies MSc

Waste and Resource Management MSc

Water and Wastewater Engineering MSc

Water Management MSc with options in

- Community Water and Sanitation
- Environment Water Management
- Global Water Policy Management

Welding Engineering MSc

Apply for a double-degree and the Cranfield experience

The process of becoming a double-degree student at Cranfield University begins with your home academic institution.

Next steps

- Discuss your ambitions and possibilities with a representative in the international office at your home academic institution.
- Make an internal application at your home academic institution.
- If you are successful, you may apply on-line to Cranfield. Depending upon the partnership your application may involve a short interview with a Cranfield representative.

For more information about Cranfield University

Visit our website at www.cranfield.ac.uk.

As entry to many of our courses is competitive and we need to be able to arrange living accommodation, we encourage early application.



My year at Cranfield

Isaam Baou

Cranfield course:

Engineering and Management of Manufacturing Systems

Home institution:

Ecole Centrale Paris

"My year spent in Cranfield studying an MSC in Manufacturing represents a rewarding and enriching experience both socially and academically.

Socially, I met people coming from different countries and backgrounds and consequently had the opportunity to discover new cultures and make new friends. Moreover, Cranfield offers a special environment where people help each other, build strong relationships

and travel together in a wonderful joyful atmosphere. Thanks to Cranfield I made unforgettable friends that I will do my utmost to stay in touch with after leaving the university.

Academically, I received broad high quality knowledge in the field of manufacturing management. The course gave me the necessary tools to tackle any industrial problem. I put learned concepts into practise during my group project with Airbus and my individual project with Ford. The modules and industrial experience helped me gain in self-confidence, technical and organisational and communication skills.

The best thing that I got from this year is in fact acquiring confidence and being able to face a variety of problems in my area of discipline. With the double degree I got at Cranfield University, I am now prepared to go into industry.

I definitely recommend Cranfield University to whoever is keen to gain an amazing experience and learn in a humanly warm environment."