

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

Home institution:
UTBM - Belfort

"This course was really technical with practical applications, challenging projects and top lecturers.

The Image Processing, Computer Vision and Machine learning lectures were really practical while other lectures enabled me to secure a strong background in Linear Algebra and Signal processing.

The two weeks intensive Management lecture given by Cranfield School of Management was really rewarding and enabled me to work with people from all around the world for a business simulation."

Hubert Lacôte
Digital Signal and Image Processing option of
Computational and Software Techniques in Engineering



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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 with options in:
• Aerodynamics
• Flight Dynamics
Aerospace Vehicle Design MSc with options in:
• Aircraft Design
• Avionic Systems Design
• 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 Mechatronics MSc
Automotive Product Engineering MSc
Autonomous Vehicle Dynamics and Control MSc
Biofuels Process Engineering MSc
Carbon Capture and Transport MSc
Clinical Information Management MSc
Clinical Research MSc
Clinical Research Management MSc
Computational and Software Techniques in Engineering MSc with options in:
• Computer Aided Engineering
• Digital Signal and Image Processing
• Distributed Computing and e-Science
• Software Engineering for Technical Computing
Computational Fluid Dynamics MSc
Design and Innovation for Sustainability MDes
Design of Rotating Machines MSc
Design, Strategy and Leadership MDes
Economics for Natural Resources and Environmental Management MSc
Energy Supply for Low Carbon Futures MSc
Energy Systems and Thermal Processes MSc
Engineering and Management of Manufacturing Systems MSc
Environment and Public Policy MSc
Environmental Diagnostics and Management MSc
Environmental Engineering MSc
Environmental Informatics MSc
Environmental Management for Business MSc
Environmental Risk Management MSc
Finance and Management MSc
Food Chain Systems MSc
Geographical Information Management MSc
Global Product Development and Management MSc

Health and the Environment MSc
Health Operations MSc
Human Factors and Safety Assessment in Aeronautics MSc
Innovation and Creativity in Industry MDes
Integrated Landscape Ecology MSc
Knowledge Management for Innovation MSc
Land Reclamation and Restoration MSc (subject to Senate approval)
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 Engineering
• 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
Strategic Marketing MSc
Sustainable Manufacturing MSc
Thermal Power MSc with options in:
• Aerospace Propulsion
• Gas Turbine Technology
• Power, Propulsion and the 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
• Environmental Water 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

Eric Cuadras Oliva

Cranfield course:
Airport Planning and Management MSc

Home institution:
Universitat Politècnica de Catalunya

"Undoubtedly, I think that coming to Cranfield is a completely positive investment, not only at a personal level, but also for your future professional career. One of the things you appreciate very much from day one is the great international environment at Cranfield. Everybody is very friendly and eager to meet new people from all over the world, sharing lots of experiences, traditions and continuously learning from very different cultures. The University and especially the Department of Air Transport organise

multiple events throughout the year such as BBQs, daytrips or sport events that contribute to keep people together and chill out from study hours. Besides, sport facilities are exceptional and you can join many sport clubs (basketball, cricket, football, rugby, squash, volleyball, etc.), so you never get bored if you do not want to. And if you are a party-goer, you will enjoy every Friday night in the CSA.

Academically, the course organisation and the material provided are excellent and the lecturers are predisposed to help students at all times. I enjoyed very much the MSc and especially the Group Project done at the end of the course, which is a good way to put in practice all the concepts learnt and to improve your capabilities to work under pressure as a part of a team. Particularly, I want

to highlight the numerous contacts the Department of Air Transport has with people from the aviation industry. As a result, several guest speakers from leading airlines, airports and top companies from all over the world are invited in every module, thus enriching your learning and getting you closer to the realities of the industry. I reckon as a very valuable thing the fact that from the beginning of the course, the University and the Department continually encourage and help you to get the job you want once you finish the MSc (e.g. there is a specialised Careers Service, which organises workshops and mentors you in succeeding with your job applications). In my case, I got a job before finishing the MSc, but I recommend applying early (start no later than April-May)."