

Cranfield University

POWERING PIONEERS
STUDENT GUIDE · 2027 ENTRY

Your next chapter. Start at Cranfield.

Explore your courses, your campus and the possibilities ahead.

Explore the guide →

Merger · Accommodation · Careers & support · Courses · Entry requirements

Prepared 7 November 2026 · Review draft · First distributed 7 November 2026
Confirm your intended intake using the linked official sources.

Campus photograph: Cranfield Education Brochure, September 2026.

Your guide to Cranfield



Cranfield campus and airfield · Cranfield Education Brochure, September 2026.

Explore your study options—and what life at Cranfield could look like.

01 · King's–Cranfield merger

What the published guidance means for applicants →

02 · Accommodation

Housing options, costs and how to check availability →

03 · Careers and student support

Support for your studies and next career step →

04 · Entry requirements

Academic qualifications, English and course-specific checks →

05 · Find your course

36 main entries, linked profiles and official sources →

Also inside: budget and funding · applications · using the text guide with ChatGPT.

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Edition and information collection: 7 November 2026. Review draft; first distributed 7 November 2026. Confirm intake-specific information through the linked official sources.

King's–Cranfield merger



Cranfield campus — existing location · Cranfield Education Brochure, September 2026.

What has been announced?

King's College London and Cranfield University have agreed to merge on 1 August 2027. The public FAQ describes further preparation, integration planning and required consents and approvals before completion.

2027/28: registration and facilities

The applicant message says you will begin registered as a King's student studying a course at Cranfield, and benefit from the facilities Cranfield and King's offer their students. It also confirms that existing offers remain valid and the announcement does not change the chosen course or its delivery location.

Will my course and fees change?

The FAQ anticipates advertised 2027 courses running as planned, while retaining its usual exception if enrolment is insufficient. It states fees for autumn 2027 entrants remain as set out in offer letters for the 2027–28 academic year.

Which certificate would I receive?

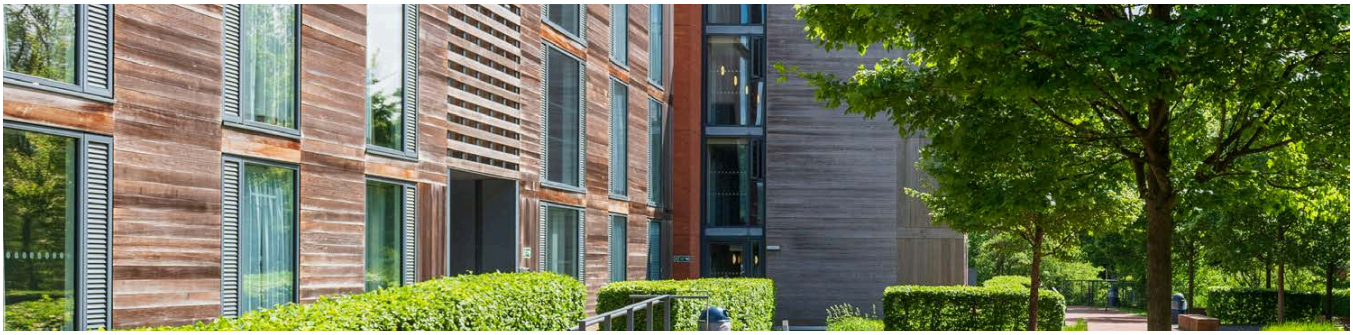
The 2027/28 message offers a choice of King's or Cranfield certificate for offers accepted before 31 July 2027, and a King's certificate for offers accepted after 1 August 2027. Those are the message's exact date conditions; if you plan to accept on either boundary date, ask Arif to confirm your position. The separate 2026/27 message also describes a certificate choice for its recipients.

How do I apply?

The public FAQ directs 2027/28 and 2028/29 applicants to Cranfield's normal application route. Use the official links below for updates.

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/about/merger-with-kings-college-london
https://www.cranfield.ac.uk/press/news-2026/kings-college-london-and-cranfield-university-agree-plans-to-merge-in-august-2027
Additional source: applicant and offer-holder messages sent by Cranfield (2026/27 and 2027/28 versions); distribution confirmed by Arif, 7 November 2026. Ask Arif for the applicable message.

A place to live and study



Student accommodation at Cranfield · Cranfield Education Brochure, September 2026.

Explore your accommodation options

Cranfield's official accommodation pages cover rooms and options for different household needs, including couples and families. Check the room type, location, facilities and contract terms that suit you.

Check costs and availability

Published single-student accommodation guidance is £620–£1,400 per month. This is an indicative living-cost range, not a quote for a particular room. Actual availability, charges and acceptance deadlines come from your accommodation offer.

Before you commit

An academic offer is not a room guarantee. Follow the current accommodation application guidance and confirm the dates and terms in writing. For a wider budget, see living costs and funding.

Official sources, checked/collected 7 November 2026:
Cranfield accommodation and application information
Accommodation FAQ
Managing money: published living-cost guidance

Careers and student support



Kings Norton Library, Cranfield · Cranfield Education Brochure, September 2026.

Prepare for your next career step

Cranfield's careers service describes coaching, employability support and opportunities for employer engagement. Explore its current services alongside the course profiles to understand what support is available.

Understand industry connections

Each course profile labels its documented connection: for example advisory-panel membership, teaching support or past student projects. Company names and careers support do not guarantee a project, internship, job, salary or visa.

Plan for daily life

The official campus and student-support pages explain facilities and available services. The Kings Norton Library is shown above. Check the campus on your course page and discuss any individual study or support needs with the university.

Talk through your options

Arif can help you identify the relevant course and official contact for your questions. LINE: **irshadiarif** · WhatsApp: +62 811 9719 180.

Official sources, checked/collected 7 November 2026:
Careers and Employability Service
Careers service details
Campus life and support

Entry requirements

Start with these checks, then read the exact requirements on your chosen course profile and its official page.

Academic background

Required degree subjects and grades vary by course. Some courses consider professional qualifications or relevant work experience; meeting a minimum requirement does not guarantee admission.

International qualifications

Use Cranfield's country-specific guidance to compare your qualification with the required UK degree level. For a four-year Thai bachelor's degree, published comparisons include GPA 2.5 for a UK lower-second equivalent and GPA 3.0 for an upper-second equivalent. Other countries have their own criteria.

English language

The university's common minimum is IELTS 6.5 overall with 5.5 in each component, but individual courses can require higher scores. Check accepted test types, score requirements, validity and any exemption conditions on the course page. Do not assume one English standard applies to every course.

Experience and additional checks

The Transformation MBA normally requires at least three years of post-qualification work experience and has its own assessment routes. Some engineering and other specialist courses require ATAS clearance for applicants of relevant nationalities. Check your course's conditions, including interviews or security restrictions where applicable.

Not sure whether you qualify?

Contact Arif with your academic background, intended course and intake.
LINE: **irshadiarif** · WhatsApp: +62 811 9719 180.

Explore course-specific requirements → · Application steps

Official sources, checked/collected 7 November 2026:
University entry and English requirements
International qualification comparisons
Transformation MBA requirements
Official ATAS guidance

Business and management

Browse subjects: Business · Aerospace · Automotive · Engineering · Energy & environment

Choose a course to explore its structure, modules, entry requirements and industry connections.

Edition: 7 November 2026 · Review draft
Information collection: 7 November 2026 · First distributed: 7 November 2026.
This guide covers selected full-time routes. Confirm availability and eligibility using the official course pages.

01 · The Transformation MBA →

02 · Banking, Economics and Finance MSc →

03 · Business Data Analytics MSc →

04 · Finance MSc →

05 · Logistics and Supply Chain Management MSc →

06 · Management MSc →

07 · Procurement and Supply Chain Management MSc →

08 · Strategic Marketing MSc →

Practical guidance: Budget & funding · Applying · Merger FAQ · Campus life · Use with ChatGPT / contact

Aerospace and aviation

Browse subjects: Business · Aerospace · Automotive · Engineering · Energy & environment

09 · Aerospace Computational Engineering MSc →

10 · Aerospace Dynamics MSc →

11 · Aerospace Manufacturing MSc →

12 · Aerospace Vehicle Design MSc →

13 · Air Transport Management MSc →

14 · Airport Planning and Management MSc →

15 · Astronautics and Space Engineering MSc →

16 · Safety and Human Factors in Aviation MSc →

17 · Thermal Power and Propulsion MSc →

Practical guidance: Budget & funding · Applying · Merger FAQ · Campus life · Use with ChatGPT / contact

Automotive and motorsport

Browse subjects: Business · Aerospace · Automotive · Engineering · Energy & environment

18 · Advanced Motorsport Engineering MSc →

19 · Advanced Motorsport Mechatronics MSc →

20 · Automotive Engineering MSc →

21 · Automotive Mechatronics MSc →

22 · Autonomous Vehicle Dynamics and Control MSc →

23 · Virtual Prototyping for Vehicle Structures MSc →

Practical guidance: Budget & funding · Applying · Merger FAQ · Campus life · Use with ChatGPT / contact

Engineering, manufacturing and systems

Browse subjects: Business · Aerospace · Automotive · Engineering · Energy & environment

24 · Advanced Lightweight and Composite Structures MSc →

25 · Advanced Materials: Engineering and Industrial Applications MSc →

26 · Advanced Mechanical Engineering MSc →

27 · Applied Artificial Intelligence MSc →

28 · Computational Fluid Dynamics MSc →

29 · Robotics MSc →

30 · Welding Engineering MSc →

Practical guidance: Budget & funding · Applying · Merger FAQ · Campus life · Use with ChatGPT / contact

Energy, environment, water and food

Browse subjects: Business · Aerospace · Automotive · Engineering · Energy & environment

31 · Data Science and Artificial Intelligence for Sustainability MSc →

32 · Environmental Engineering MSc →

33 · Environmental Management for Business MSc →

34 · Future Food Sustainability MSc →

35 · Renewable Energy MSc →

36 · Water and Wastewater Processes MSc →

Practical guidance: Budget & funding · Applying · Merger FAQ · Campus life · Use with ChatGPT / contact

The Transformation MBA

COURSE 01 · OVERVIEW AND ENTRY

Duration / mode

12 months · Full-time

Campus

Cranfield campus

Ranking

8th UK · 68th world QS Global MBA 2027 [R]

This is a programme ranking. The publisher and edition are stated above.

Course composition

You will be assessed through a mixture of written projects and presentations.

Industry connection

EY · Baringa Consultancy · Siemens Gamesa

Past Business Analytics/Consulting and International Consultancy Project clients.

International tuition

Overseas 2027-28: MBA Full-time £51,200, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

Normally a UK first- or second-class honours degree, or an equivalent qualification, plus at least three years of post-qualification work experience. Exceptional professional profiles may be considered. The course offers GMAT, GRE and Cranfield admission-test routes; check the official page for current test and assessment conditions.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/cranfield-mba-programmes/mba-full-time

What you'll study

THE TRANSFORMATION MBA

Use the official course and specialist-option pages below for the complete current curriculum and module choices.

Applied learning projects

- Business Analytics and Consulting Project
- International Consultancy Project
- Career Pathway Project

The official MBA page describes these projects as part of its practical learning approach. Read the full course page for the current curriculum and assessment arrangements.

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/cranfield-mba-programmes/mba-full-time

Banking, Economics and Finance MSc

COURSE 02 · OVERVIEW AND ENTRY

Duration / mode

1 year · Full-time

Campus

Cranfield campus

Ranking

Not shown in draft Ranking review pending

This is a programme ranking. The publisher and edition are stated above.

Course composition

Taught modules 60%, Individual Project 40%

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £31,000, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in accounting, finance or a related business discipline. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/banking-economics-and-finance

What you'll study

BANKING, ECONOMICS AND FINANCE MSC

Compulsory modules

- Corporate Financial Management
- Data Analytics and AI for Managers
- Digital Banking, FinTech, and Artificial Intelligence
- Economics of Markets, Competition and Strategy
- Financial Markets, Regulations and Ethical Practices
- Financial Statement Analysis and Valuation
- Professional Practice and Career Readiness
- Research Methods for Business Impact
- Responsible Banking
- Sustainable and Green Banking

Other / optional modules — check selection rules

- Fixed Interest Securities and Credit Risk Modelling
- International Finance
- Investment and Portfolio Management
- Mergers, Acquisitions and Restructuring
- Private Equity

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/banking-economics-and-finance

Business Data Analytics MSc

COURSE 03 · OVERVIEW AND ENTRY

Duration / mode

1 year · Full-time

Campus

Cranfield campus

Ranking

14th UK · World top 100 QS Business Master's 2027 [R]

This is a programme ranking. The publisher and edition are stated above.

Course composition

Taught modules 70%, thesis 30%.

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £31,000, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants prior degree must include a quantitative methods module, or a thesis with significant elements of quantitative methods. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/business-data-analytics

What you'll study

BUSINESS DATA ANALYTICS MSC

Compulsory modules

- Business Analytics and Optimisation
- Descriptive Analytics
- Programming for Business Decisions
- Business Finance for Decision Makers
- Data Analytics and AI for Managers
- Predictive Analytics, Machine Learning and AI
- Research Methods for Business Impact
- Data Management
- AI for Business Impact

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/business-data-analytics

Finance MSc

COURSE 04 · OVERVIEW AND ENTRY

Duration / mode

1 year · Full-time

Campus

Cranfield campus

Ranking

16th UK · World top 100 QS Business Master's 2027 [R]

This is a programme ranking. The publisher and edition are stated above.

Course composition

Taught modules 60%, Individual Project 40%

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2026-27: MSc Full-time £29,650, Deposit £3,000 | Overseas 2027-28: MSc Full-time £31,000, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied mathematics, statistics, engineering or economics subjects. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/finance

What you'll study

FINANCE MSC

Compulsory modules

- Corporate Financial Management
- Data Analytics and AI for Managers
- Responsible Banking
- Economics of Markets, Competition and Strategy
- Research Methods for Business Impact
- Investment and Portfolio Management
- Derivatives and Financial Risk Management
- Financial Markets, Regulations and Ethical Practices
- Professional Practice and Career Readiness
- Financial Statement Analysis and Valuation

Other / optional modules — check selection rules

- Private Equity
- Mergers, Acquisitions and Restructuring
- Fixed Interest Securities and Credit Risk Modelling
- International Finance
- Digital Banking, FinTech, and Artificial Intelligence

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/finance

Logistics and Supply Chain Management MSc

COURSE 05 · OVERVIEW AND ENTRY

Duration / mode

1 year · Full-time

Campus

Cranfield campus

Ranking

3rd UK · 23rd world* QS Business Master's 2027 [R]

This is a programme ranking. The publisher and edition are stated above.

Course composition

Taught modules 60%, individual project 40%

Industry connection

SAP

SAP S/4HANA learning through Cranfield's SAP University Alliances membership.

International tuition

Overseas 2027-28: MSc Full-time £33,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class 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. Candidates who do not meet these criteria may be considered if they have a professional qualification (e.g. CIPS, CILT, APICS) together with 5 years' post-qualification relevant work experience. Other relevant qualifications, together with significant experience, may be considered.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/logistics-and-supply-chain-management

What you'll study

LOGISTICS AND SUPPLY CHAIN MANAGEMENT MSC

Compulsory modules

- Advanced Warehousing, Automation and Robotics
- Business Finance for Decision Makers
- Data Analytics and AI for Managers
- Individual Project
- Information Systems and Digital Supply Chains
- Professional Practice and Career Readiness
- Research Methods for Business Impact
- Strategic Procurement and Intelligent Inventory
- Supply Chain Strategy and Sustainable Operations
- Supply Network Design and Digital Twin Modelling
- Sustainable and Smart Freight Transport

Other / optional modules — check selection rules

- AI and Big Data-Driven Supply Chains
- Circular and Humanitarian Supply Chains (Social Impact)
- Digital Procurement: Platforms and Smart Sourcing
- Integrated Sales, Operations, and Demand Planning
- Omnichannel Retail and Last Mile
- Resilient Supply Chains and Risk Management

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/logistics-and-supply-chain-management

Management MSc

COURSE 06 · OVERVIEW AND ENTRY

Duration / mode

12 months · Full-time

Campus

Cranfield campus

Ranking

9th UK · 51st world QS Business Master's 2027 [R]

This is a programme ranking. The publisher and edition are stated above.

Course composition

Taught modules 140 credits, Business Project 40 credits

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £37,200, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Applicants who have three or more years of professional experience should consider the Transformation MBA as likely a better fit for their career aspirations. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/management

What you'll study

MANAGEMENT MSC

Compulsory modules

- Economics of Markets, Competition and Strategy
- Organisational Behaviour: Application
- Data Analytics and AI for Managers
- People Management and Leadership
- Professional Practice and Career Readiness
- Strategic Management
- Business Finance for Decision Makers
- Research Methods for Business Impact
- Effective Cross-Cultural Management (Study Tour)
- Management Consulting (Study Tour)

Other / optional modules — check selection rules

- Strategic Digital Marketing
- Entrepreneurship: Building High Potential Ventures
- Sustainability in Management
- Managing Operations
- Green and Sustainable Finance
- Applied Science and Technology for Environmental Sustainability
- Raising Venture Funding
- Leading Family Businesses
- Talent Sourcing and Career Management
- Performance Management and Rewards
- Employment Relations and Engagement
- Contemporary Approaches to Human Resource Management
- Internship Business Project Route
- Traditional Business Project Route

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/management

Procurement and Supply Chain Management MSc

COURSE 07 · OVERVIEW AND ENTRY

Duration / mode

1 year · Full-time

Campus

Cranfield campus

Ranking

3rd UK · 23rd world* QS Business Master's 2027 [R]

This is a programme ranking. The publisher and edition are stated above.

Course composition

Taught modules 60%, individual project 40%

Industry connection

SAP

SAP S/4HANA learning through Cranfield's SAP University Alliances membership.

International tuition

Overseas 2027-28: MSc Full-time £33,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class 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. Candidates who do not meet these criteria may be considered if they have a professional qualification (e.g. CIPS, CILT, APICS) together with 5 years' post-qualification relevant work experience. Other relevant qualifications, together with significant experience, may be considered.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/procurement-and-supply-chain-management

What you'll study

PROCUREMENT AND SUPPLY CHAIN MANAGEMENT MSC

Compulsory modules

- Business Finance for Decision Makers
- Collaborative Negotiation and Contract Management
- Data Analytics and AI for Managers
- Individual Project
- Information Systems and Digital Supply Chains
- Professional Practice and Career Readiness
- Research Methods for Business Impact
- Strategic Procurement and Intelligent Inventory
- Supplier Selection, Evaluation, and Risk Analytics
- Supply Chain Strategy and Sustainable Operations
- Sustainable and Smart Freight Transport

Other / optional modules — check selection rules

- AI and Big Data-Driven Supply Chains
- Circular and Humanitarian Supply Chains (Social Impact)
- Digital Procurement: Platforms and Smart Sourcing
- Integrated Sales, Operations, and Demand Planning
- Omnichannel Retail and Last Mile
- Resilient Supply Chains and Risk Management

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/procurement-and-supply-chain-management

Strategic Marketing MSc

COURSE 08 · OVERVIEW AND ENTRY

Duration / mode

1 year · Full-time

Campus

Cranfield campus

Ranking

7th UK · 33rd world QS Business Master's 2027 [R]

This is a programme ranking. The publisher and edition are stated above.

Course composition

Taught modules 60%, individual project 40%

Industry connection

Google · Nike · Acer

Past Marketing Consulting Project companies. Future projects may vary.

International tuition

Overseas 2027-28: MSc Full-time £31,100, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class 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. Candidates who do not meet these criteria may be considered if they have a professional qualification (e.g. CIM) together with 5 years' post-qualification relevant work experience. Other relevant qualifications, together with significant experience, may be considered.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/strategic-marketing

What you'll study

STRATEGIC MARKETING MSC

Compulsory modules

- Crafting Marketing Strategies for Sustainable Value
- Understanding Consumer Behaviour and Decisions
- Professional Practice and Career Readiness
- Data Analytics for AI Managers
- Business Finance for Decision Makers
- Shaping Customer Experience (CX) and Relationships
- Brand Strategy in Action
- Sales and Revenue Management
- Marketing Communications
- Activating Digital and AI Enabled Marketing
- Research Methods for Business Impact
- Marketing Consultancy Project: Solving Client Challenges
- Individual Project

Other / optional modules — check selection rules

- Certificate in Market Research

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/som/masters-courses/strategic-marketing

Aerospace Computational Engineering MSc

COURSE 09 · OVERVIEW AND ENTRY

Duration / mode

Full-time: MSc - one year; Part-time: MSc - up to three years · Full-time / Part-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules: 40%, group project: 20%, individual research project: 40%

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £35,000, MSc Part-time £35,000, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in mathematics, physics, computer science or an engineering subject. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/aerospace-computational-engineering

What you'll study

AEROSPACE COMPUTATIONAL ENGINEERING MSC

Compulsory modules

- Computational Aerodynamics
- Validation and Verification for Aerospace Applications
- Modelling Approaches for Aerospace Applications
- Numerical Modelling for Compressible Flows
- CAD & Airframe Design
- Scientific Computing with Python
- UAS Modelling and Simulation
- UAS Dynamics and Control

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/aerospace-computational-engineering

Aerospace Dynamics MSc

COURSE 10 · OVERVIEW AND ENTRY

Duration / mode

MSc: Full-time - one year; Part-time - up to three years; PgCert: Full-time - up to one year; Part-time - two years · Full-time / Part-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 50%, individual project 50%

Industry connection

Jaguar Land Rover · BAE Systems · Voith

Industrial Advisory Panel members' organisations.

International tuition

Overseas 2027-28: MSc Full-time £30,900, MSc Part-time £30,900, PgCert Full-time £10,800, PgCert Part-time £10,800, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in mathematics, physics or an engineering subject. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/aerospace-dynamics

What you'll study

AEROSPACE DYNAMICS MSC

Compulsory modules

- Flight Experimental Methods

Other / optional modules — check selection rules

- Introduction to Aircraft Aerodynamics
- Modelling of Dynamic Systems
- Compressible Flows
- Viscous Flow
- Control Systems
- Introduction to CFD
- Flight Dynamics Principles
- Air-Vehicle Modelling and Simulation
- Launch and Re-Entry Aerodynamics
- Transonic Aerodynamic Design
- Technology for Sustainable Aviation
- Flying Qualities and Flight Control
- CFD for Aerospace
- Multivariable Control Systems for Aerospace Applications
- Fundamentals of Rotorcraft Performance, Stability and Control
- Fundamentals of Aircraft System Identification
- Experimental Aerodynamics
- Positioning, Navigation and Timing Systems

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/aerospace-dynamics

Aerospace Manufacturing MSc

COURSE 11 · OVERVIEW AND ENTRY

Duration / mode

Full-time MSc - one year, Part-time MSc - up to three years, Full-time PgCert - one year, Part-time PgCert - two years, Full-time PgDip - one year, Part-time PgDip - two years · Full-time / Part-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 40%, Group project 20%, Individual project 40%

Industry connection

Airbus · Rolls-Royce

Aerospace manufacturers the course identifies as supporting the programme.

International tuition

Overseas 2027-28: MSc Full-time £30,500, MSc Part-time £30,500, PgDip Full-time £21,350, PgDip Part-time £21,350, PgCert Full-time £10,700, PgCert Part-time £10,700, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a relevant discipline. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/aerospace-manufacturing

What you'll study

AEROSPACE MANUFACTURING MSC

Compulsory modules

- Operations Management
- Manufacturing Systems Engineering
- Sustainable Aerospace Manufacturing Business
- Supply Chain Management
- Aircraft Assembly

Other / optional modules — check selection rules

- Additive and Subtractive Manufacturing Technologies
- Composites Manufacturing for High Performance Structures
- Failure of Engineered Assets
- Manufacturing Strategy
- Operations Analysis
- Welding Processes and Equipment

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/aerospace-manufacturing

Aerospace Vehicle Design MSc

COURSE 12 · OVERVIEW AND ENTRY

Duration / mode

One year · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Refer to MSc course option pages for breakdown of assessment

Industry connection

Airbus · BAE Systems · Boeing

Organisations whose professionals have served on the advisory committee.

International tuition

Overseas 2026-27: MSc Full-time £33,045, Deposit £3,000 | Overseas 2027-28: MSc Full-time £32,900, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or upper second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in any relevant engineering discipline (e.g., Aeronautical Engineering, Mechanical Engineering, Mechatronic Engineering). Applications from candidates with relevant work experience in combination with a degree that does not meet the minimum entry requirement will be considered. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/aerospace-vehicle-design

What you'll study

AEROSPACE VEHICLE DESIGN MSC

Use the official course and specialist-option pages below for the complete current curriculum and module choices.

Specialist options / routes

Aircraft Design option - MSc in Aerospace Vehicle Design

Avionic Systems Design option - MSc in Aerospace Vehicle Design

Structural Design option - MSc in Aerospace Vehicle Design

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/aerospace-vehicle-design
https://www.cranfield.ac.uk/courses/taught/avd-option-in-aircraft-design
https://www.cranfield.ac.uk/courses/taught/avd-option-in-avionic-systems-design
https://www.cranfield.ac.uk/courses/taught/avd-option-in-structural-design

Air Transport Management MSc

COURSE 13 · OVERVIEW AND ENTRY

Duration / mode

One year full-time · Full-time

Campus

Cranfield campus

Ranking

World top 200 QS Subject 2026 · Engineering & Technology [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 50%, Group project 10%, Individual research project 40%

Industry connection

British Airways · Virgin Atlantic · Qatar Airways

Companies the course says it works or has worked with.

International tuition

Overseas 2027-28: MSc Full-time £29,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or upper second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a relevant subject. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 7.0 overall and 6.0 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/air-transport-management

What you'll study

AIR TRANSPORT MANAGEMENT MSC

Compulsory modules

- Air Transport Environmental Planning
- Air Transport Financial Management
- Air Transport Market Analysis and Forecasting
- Air Transport Operations
- Airline Economics
- Airline Strategic Management
- Geopolitics and International Aviation Law

Other / optional modules — check selection rules

- Air Transport Marketing
- Airline Fleet Planning
- Airport Strategic Planning
- Aviation Safety Management
- Digital Aviation Management
- Regional Aviation

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/air-transport-management

Airport Planning and Management MSc

COURSE 14 · OVERVIEW AND ENTRY

Duration / mode

One year full-time · Full-time Fees and funding Entry requirements

Campus

Ranking

World top 200 QS Subject 2026 · Engineering & Technology [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 56%, Group project 11%, Individual research project 33%

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £29,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or upper second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in relevant fields. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 7.0 overall and 6.0 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/airport-planning-and-management

What you'll study

AIRPORT PLANNING AND MANAGEMENT MSC

Compulsory modules

- Air Transport Environmental Planning
- Air Transport Financial Management
- Air Transport Market Analysis and Forecasting
- Airport Business and Economics
- Airport Design
- Airport Operations
- Airport Strategic Planning
- Geopolitics and International Aviation Law

Other / optional modules — check selection rules

- Introduction to the Air Transport Industry
- Air Transport Marketing
- Airline Strategic Management
- Aviation Safety Management
- Digital Aviation Management
- Regional Aviation

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/airport-planning-and-management

Astronautics and Space Engineering MSc

COURSE 15 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, normally three years part-time (by extended thesis) · Full-time / Part-time

Campus

Cranfield campus

Ranking

World top 200 QS Subject 2026 · Engineering & Technology [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 30%, group project 30%, individual research project 40%

Industry connection

Airbus DS · Open Cosmos · Telespazio

Industrial Advisory Panel organisations.

International tuition

Overseas 2027-28: MSc Full-time £34,300, MSc Part-time £34,300, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in mathematics, physics or an engineering discipline. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/astronautics-and-space-engineering

What you'll study

ASTRONAUTICS AND SPACE ENGINEERING MSC

Compulsory modules

- Research Skills
- Space Systems Engineering
- Space Propulsion
- Astrodynamics and Mission Analysis
- System Design and Management

Other / optional modules — check selection rules

- Research Skills
- System Design and Management
- Positioning, Navigation and Timing Systems
- Finite Element Methods
- Guidance Navigation and Control of Space Systems
- Mathematics and Programming for Astrodynamics and Trajectory Design
- Satellite Communications
- Spacecraft Attitude Dynamics and Control
- Payload System Design: Imagers and Earth Observation
- Space Robotics
- On-Board Data Handling and TT&C
- Space Electric Propulsion
- Introduction to Computer Aided Design (CAD)
- Space Environment
- Structural Mechanics
- Astrodynamics Software Tutorial
- Human in Space and associated ECLSS
- Thermal Analysis and Design Software
- Impact Dynamics and Spacecraft Protection
- Launch and Re-Entry Aerodynamics
- Modelling of Dynamic Systems

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/astronautics-and-space-engineering

Safety and Human Factors in Aviation MSc

COURSE 16 · OVERVIEW AND ENTRY

Duration / mode

Full-time MSc - one year · Full-time

Campus

Cranfield campus

Ranking

World top 200 QS Subject 2026 · Engineering & Technology [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 55%, Group projects 15%, Individual research project 30%

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £30,800, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in an engineering, aeronautical engineering, mathematics, ergonomics, psychology or other science discipline. Find information about equivalent qualifications in your country on our International entry requirements page. Applications from candidates with relevant work experience in combination with a degree that does not meet the minimum entry requirement will be considered.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/safety-and-human-factors-in-aviation

What you'll study

SAFETY AND HUMAN FACTORS IN AVIATION MSC

Compulsory modules

- Applied Safety and Human Factors in Aviation
- Human Error and System Safety
- Human-Computer Interaction in Aviation
- Cognitive Ergonomics
- Research Methods (MSc only)
- Aviation Safety Management
- Training and Simulation
- Flight Data Monitoring
- Aircraft Accident Investigation and Response
- Safety and Human Factors in Aviation Capstone Project
- Human Factors in Aviation Maintenance
- Safety and Human Factors in Aviation Course Induction

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/safety-and-human-factors-in-aviation

Thermal Power and Propulsion MSc

COURSE 17 · OVERVIEW AND ENTRY

Duration / mode

Full-time MSc: one year; PgDip: up to one year; Part-time MSc by research (by arrangement): two-three years · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 50%, individual research project 50%

Industry connection

easyJet · Rolls-Royce · Uniper Energy

Industrial Advisory Panel organisations.

International tuition

Overseas 2026-27: MSc Full-time £33,045, PgDip Full-time £26,430, Deposit £3,000 | Overseas 2027-28: MSc Full-time £33,045, PgDip Full-time £23,150, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in engineering, mathematics, physics or an applied science discipline. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/thermal-power-and-propulsion

What you'll study

THERMAL POWER AND PROPULSION MSC

Use the official course and specialist-option pages below for the complete current curriculum and module choices.

Specialist options / routes

Aerospace Propulsion option - MSc in Thermal Power and Propulsion

Gas Turbine Technology option - MSc in Thermal Power and Propulsion

Marine Propulsion Technology option - MSc in Thermal Power and Propulsion

Power, Propulsion and the Environment option - MSc in Thermal Power and Propulsion

Rotating Machinery, Engineering and Management option - MSc in Thermal Power and Propulsion

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/thermal-power-and-propulsion
https://www.cranfield.ac.uk/courses/taught/aerospace-propulsion-option-thermal-power
https://www.cranfield.ac.uk/courses/taught/gas-turbine-technology-option-thermal-power
https://www.cranfield.ac.uk/courses/taught/marine-propulsion-technology-option-thermal-power
https://www.cranfield.ac.uk/courses/taught/power-propulsion-and-the-environment-option
https://www.cranfield.ac.uk/courses/taught/rotating-machinery-engineering-and-management-option

Advanced Motorsport Engineering MSc

COURSE 18 · OVERVIEW AND ENTRY

Duration / mode

One year full-time · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 40%, Group project 20%, Individual project 40%

Industry connection

Red Bull Powertrain · Audi F1 Project · Aston Martin F1

Organisations represented on the Motorsport MSc Steering Committee.

International tuition

Overseas 2027-28: MSc Full-time £30,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in engineering, mathematics, physics or applied science subjects, and have a demonstrable motivation and commitment to being actively involved in motorsport. Find information about equivalent qualifications in your country on our International entry requirements page. Selected applicants may be expected to attend a formal interview. If you are based in the UK this will likely be at Cranfield. If you are based outside of the UK, interviews will be held by video call or over the phone.

IELTS: 7.0 overall and minimum skill component scores of 6.5 reading, 6.5 listening, 7.0 speaking and 7.0 writing.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-motorsport-engineering

What you'll study

ADVANCED MOTORSPORT ENGINEERING MSC

Compulsory modules

- Motorsport Introduction
- Motorsport Thermal Electric and Hybrid Powertrain
- Motorsport Electronics and Data Acquisition
- Motorsport Vehicle Dynamics
- The Business of Motorsport
- Motorsport Aerodynamics
- Motorsport Structural Analysis
- Computational Fluid Dynamics for Motorsport
- Composite Structures for Motorsport

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-motorsport-engineering

Advanced Motorsport Mechatronics MSc

COURSE 19 · OVERVIEW AND ENTRY

Duration / mode

One year full-time · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 40%, Group project 20%, Individual project 40%

Industry connection

Red Bull Powertrain · Audi F1 Project · Aston Martin F1

Organisations represented on the Motorsport MSc Steering Committee.

International tuition

Overseas 2027-28: MSc Full-time £30,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in engineering, including electronics, a relevant STEM discipline such as engineering, aerodynamics, physics or applied mathematics subjects. Additionally applicants must have UK A-Level's in mathematics and physics, or their international equivalent. Find information about equivalent qualifications in your country on our International entry requirements page. Selected applicants may be expected to attend a formal interview. If you are based in the UK this will likely be at Cranfield. If you are based outside of the UK, interviews will be held by video call or over the phone.

IELTS: 7.0 overall and minimum skill component scores of 6.5 reading, 6.5 listening, 7.0 speaking and 7.0 writing.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-motorsport-mechatronics

What you'll study

ADVANCED MOTORSPORT MECHATRONICS MSC

Compulsory modules

- Motorsport Introduction
- Motorsport Electronics and Data Acquisition
- Motorsport Vehicle Dynamics
- Motorsport Thermal Electric and Hybrid Powertrain
- The Business of Motorsport
- Mechatronics Modelling for Vehicle Systems
- Advanced Control Algorithm Design
- Vehicle Software Engineering and Deployment
- Advanced Vehicle Systems and AI

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-motorsport-mechatronics

Automotive Engineering MSc

COURSE 20 · OVERVIEW AND ENTRY

Duration / mode

One year full-time · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 40%, Group project 20%, Individual research project 40%

Industry connection

Polestar Automotive UK · AVL · Jaguar Land Rover

Industrial Advisory Panel representatives.

International tuition

Overseas 2027-28: MSc Full-time £30,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in engineering, mathematics or an applied science subject. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/automotive-engineering

What you'll study

AUTOMOTIVE ENGINEERING MSC

Compulsory modules

- Principles of Automotive Engineering and Vehicle Performance
- Automotive Control and Simulation
- Electrified Vehicle Propulsion and Energy Management
- Vehicle Dynamics - Modelling, Simulation and Performance
- Automotive Aerodynamics
- Sustainable Power Unit Performance and Simulation
- Automotive Structures, Simulation and CAE
- Lightweight Materials and Manufacturing for Automotive Applications

Other / optional modules — check selection rules

- Automotive Engineering Induction

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/automotive-engineering

Automotive Mechatronics MSc

COURSE 21 · OVERVIEW AND ENTRY

Duration / mode

One year full-time · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught component (40%), Group project (20%), Individual research project (40%)

Industry connection

Polestar Automotive UK · AVL · Jaguar Land Rover

Industrial Advisory Panel representatives.

International tuition

Overseas 2027-28: MSc Full-time £30,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in engineering, mathematics or an applied science subject. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/automotive-mechatronics

What you'll study

AUTOMOTIVE MECHATRONICS MSC

Compulsory modules

- Principles of Automotive Engineering and Vehicle Performance
- Automotive Control and Simulation
- Electrified Vehicle Propulsion and Energy Management
- Vehicle Dynamics - Modelling, Simulation and Performance
- Mechatronics Modelling for Vehicle Systems
- Advanced Control Algorithm Design
- Vehicle Software Engineering and Deployment
- Advanced Vehicle Systems and AI

Other / optional modules — check selection rules

- Automotive Mechatronics Induction

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/automotive-mechatronics

Autonomous Vehicle Dynamics and Control MSc

COURSE 22 · OVERVIEW AND ENTRY

Duration / mode

MSc: Full-time one year; · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 10% | Group project 50% | Individual research project 40%

Industry connection

Boeing UK · Thales · BAE Systems

Industrial Advisory Board organisations.

International tuition

Overseas 2027-28: MSc Full-time £34,900, PgDip Full-time £24,450, PgCert Full-time £12,200, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in an engineering, engineering science, physics, applied mathematics or other appropriate applied science discipline. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/autonomous-vehicle-dynamics-and-control

What you'll study

AUTONOMOUS VEHICLE DYNAMICS AND CONTROL MSC

Compulsory modules

- UAS Dynamics and Control
- Aerial Communications Systems
- UAS Modelling and Simulation
- Sensor Fusion
- Autonomous Vehicle Control Systems
- Artificial Intelligence for Autonomous Systems
- Guidance and Navigation for Autonomous Systems
- Multi-Agent Systems

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/autonomous-vehicle-dynamics-and-control

Virtual Prototyping for Vehicle Structures MSc

COURSE 23 · OVERVIEW AND ENTRY

Duration / mode

One year full-time · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 40%, Group project 20%, Individual research project 40%

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £30,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in engineering, mathematics or an applied science subject. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/virtual-prototyping-for-vehicle-structures

What you'll study

VIRTUAL PROTOTYPING FOR VEHICLE STRUCTURES MSC

Compulsory modules

- Principles of Automotive Engineering and Vehicle Performance
- Experimental Mechanics
- Vehicle Passive Safety
- Vehicle Dynamics - Modelling, Simulation and Performance
- NVH and Durability
- Lightweight Materials and Manufacturing for Automotive Applications
- Simulation of Composite Structures
- Automotive Structures, Simulation and CAE

Other / optional modules — check selection rules

- Automotive Engineering Induction
- Research Methods

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/virtual-prototyping-for-vehicle-structures

Advanced Lightweight and Composite Structures MSc

COURSE 24 · OVERVIEW AND ENTRY

Duration / mode

MSc: one year · Full-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits, group project 40 credits, individual research project 60 credits

Industry connection

Airbus · BAE Systems · Rolls-Royce

Industrial Advisory Panel representatives.

International tuition

Overseas 2027-28: MSc Full-time £30,100, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in mathematics, physics, computing or an engineering subject. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-lightweight-and-composite-structures

What you'll study

ADVANCED LIGHTWEIGHT AND COMPOSITE STRUCTURES MSC

Compulsory modules

- Advanced Composite Analysis and Impact
- Thin-walled Structures
- Finite Element Methods
- Materials Characterisation and Failure Simulations
- Structural Stability
- Advanced Simulation for Impact
- Crashworthiness
- Design and Analysis of Composite Structures

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-lightweight-and-composite-structures

Advanced Materials: Engineering and Industrial Applications MSc

COURSE 25 · OVERVIEW AND ENTRY

Duration / mode

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 · Full-time / Part-time

Campus

Cranfield campus

Ranking

UK top 20 · World top 250 QS Subject 2026 · Materials [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits, group project 40 credits, individual project 60 credits (total MSc 180 credits)

Industry connection

AkzoNobel · GKN · Scott Bader UK

Advisory-panel members named on the course page.

International tuition

Overseas 2027-28: MSc Full-time £30,500, MSc Part-time £30,500, PgDip Full-time £21,350, PgDip Part-time £21,350, PgCert Full-time £10,700, PgCert Part-time £10,700, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a relevant science, engineering or related discipline. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-materials

What you'll study

ADVANCED MATERIALS: ENGINEERING AND INDUSTRIAL APPLICATIONS MSC

Compulsory modules

- Industrial Applications Of Advanced Materials
- Advanced Materials Processing Technologies
- Materials Selection and Design
- Engineering with Nano and Functional Materials
- Composites Design, Manufacturing and Applications
- Materials for a Net Zero Future
- Modelling for Materials

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-materials

Advanced Mechanical Engineering MSc

COURSE 26 · OVERVIEW AND ENTRY

Duration / mode

One year full-time; two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits/800 hours, Group projects 40 credits/400 hours, Individual project 60 credits/600 hours

Industry connection

McLaren Racing · Airbus · Siemens

Organisations represented on the course's Industry Advisory Panel.

International tuition

Overseas 2027-28: MSc Full-time £30,800, MSc Part-time £30,800, PgDip Full-time £21,550, PgDip Part-time £21,550, PgCert Full-time £10,800, PgCert Part-time £10,800, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a related engineering or applied science discipline. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-mechanical-engineering

What you'll study

ADVANCED MECHANICAL ENGINEERING MSC

Compulsory modules

- Advanced Noise and Vibration Control for Energy Systems
- Artificial Intelligence for Sustainability
- Assessing Risk and Failure
- Component Design
- Computational Fluid Dynamics for Renewable Energy
- Engineering Design and Project Management
- Engineering Stress Analysis: Theory and Simulations
- Thermal Systems Operation and Design

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/advanced-mechanical-engineering

Applied Artificial Intelligence MSc

COURSE 27 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

World top 200 QS Subject 2026 · Engineering & Technology [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 40%, group project 20%, individual research project 40%

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £30,500, MSc Part-time £30,500, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in aeronautics/aerospace engineering, mechanical engineering, electrical/electronic engineering, pure mathematics, computer science, software engineering, mechatronic engineering or information technology subjects. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/applied-artificial-intelligence

What you'll study

APPLIED ARTIFICIAL INTELLIGENCE MSC

Compulsory modules

- Data Analytics and Visualisation
- Deep Learning for Autonomous Decision Making
- Deep Learning for Computer Vision
- Ethical, Regulatory and Social Aspects of AI
- Multi-Agent Systems
- Search and Optimisation
- Smart Cyber-Physical Systems
- Statistical Learning Methods

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/applied-artificial-intelligence

Computational Fluid Dynamics MSc

COURSE 28 · OVERVIEW AND ENTRY

Duration / mode

Full-time: MSc - one year; Part-time: MSc - up to three years · Full-time / Part-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 40%, individual research project 40%, group project 20%

Industry connection

Red Bull F1 · MBDA · Jaguar Land Rover

Organisations represented on the Industrial Advisory Board.

International tuition

Overseas 2027-28: MSc Full-time £35,000, MSc Part-time £35,000, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in mathematics, physics, computing or an engineering discipline. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/computational-fluid-dynamics

What you'll study

COMPUTATIONAL FLUID DYNAMICS MSC

Compulsory modules

- The Role of Experimental Data in CFD
- Data Analysis and Uncertainty
- Grid Generation / CAD
- Introduction to Fluid Mechanics and Heat Transfer
- Numerical Methods and High Performance Computing
- Numerical Modelling for Compressible Flows
- Numerical Modelling for Incompressible Flows
- Turbulence Modelling

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/computational-fluid-dynamics

Robotics MSc

COURSE 29 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

World top 200 QS Subject 2026 · Engineering & Technology [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits, group project 40 credits, individual research project 60 credits.

Industry connection

Smart City Consultancy · Airbus · ABB Robotics

Industrial partners providing study tours, as described on the course page.

International tuition

Overseas 2027-28: MSc Full-time £31,000, MSc Part-time £31,000, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in aeronautics/aerospace engineering, mechanical engineering, electrical/electronic engineering, pure mathematics, computer science, software engineering, mechatronic engineering, or information technology disciplines. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/robotics

What you'll study

ROBOTICS MSC

Compulsory modules

- Fundamentals of Robotics

Other / optional modules — check selection rules

- Robotics Control
- Artificial Intelligence for Robotics
- Programming Methods for Robotics
- Psychology, Ethics and Standards
- Human-Robot Interaction
- Robotic Perception and Systems Engineering
- Autonomy in Robotic Systems

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/robotics

Welding Engineering MSc

COURSE 30 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

5th UK · 55th world QS Subject 2026 · MAM [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits, Group projects 40 credits, Individual project 60 credits.

Industry connection

Airbus · BAE Systems · Lincoln Electric

Examples of organisations the course says it regularly works with.

International tuition

Overseas 2027-28: MSc Full-time £29,610, MSc Part-time £29,610, PgDip Full-time £20,750, PgDip Part-time £20,750, PgCert Full-time £10,350, PgCert Part-time £10,350, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a relevant science, engineering or related discipline. Find information about equivalent qualifications in your country on our International entry requirements page. Applications from candidates with relevant work experience in combination with a degree that does not meet the minimum entry requirement will be considered.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/welding-engineering

What you'll study

WELDING ENGINEERING MSC

Compulsory modules

- Introduction to Materials for Welding Engineering
- Welding Metallurgy
- Welding Processes and Equipment
- Advanced Welding Processes
- Welding Systems and Research Methods
- Management of Weld Quality
- Design of Welded Structures

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/welding-engineering

Data Science and Artificial Intelligence for Sustainability MSc

COURSE 31 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

World top 200 QS Subject 2026 · Engineering & Technology [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits/800 hours, Group projects 40 credits/400 hours, Individual project 60 credits/600 hours

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £19,500, MSc Part-time £19,500, PgDip Full-time £13,650, PgDip Part-time £13,650, PgCert Full-time £6,850, PgCert Part-time £6,850, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a related science or engineering discipline. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/data-science-and-artificial-intelligence-for-sustainability

What you'll study

DATA SCIENCE AND ARTIFICIAL INTELLIGENCE FOR SUSTAINABILITY MSC

Compulsory modules

- Artificial Intelligence for Sustainability
- Data Analytics for Sustainability
- Energy Economics and Policy
- GIS and Spatial Data Management
- Scientific Python
- Sustainability and Environmental Assessment

Other / optional modules — check selection rules

- Energy Systems Case Studies
- Short Research Project
- Energy Entrepreneurship
- Artificial Intelligence for Sustainability 2

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/data-science-and-artificial-intelligence-for-sustainability

Environmental Engineering MSc

COURSE 32 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

UK top 20 · World top 140 QS Subject 2026 · Environmental Sciences [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 60 credits/600 hours, Group projects 60 credits/600 hours, Individual project 60 credits/600 hours

Industry connection

Tarmac

Historical example: group project described by an Environmental Engineering student in a university blog, 6 May 2020.

International tuition

Overseas 2027-28: MSc Full-time £28,500, MSc Part-time £28,500, PgDip Full-time £19,950, PgDip Part-time £19,950, PgCert Full-time £10,000, PgCert Part-time £10,000, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a relevant engineering or science-based discipline. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/environmental-engineering
https://blogs.cranfield.ac.uk/environmental-technology/my-group-project-experience-at-cranfield-university/

What you'll study

ENVIRONMENTAL ENGINEERING MSC

Compulsory modules

- Environmental Challenges Risks and Management
- Environmental Monitoring and Analytics
- Environmental Solutions Design

Other / optional modules — check selection rules

- Engineering Design and Project Management

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/environmental-engineering

Environmental Management for Business MSc

COURSE 33 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

UK top 20 · World top 140 QS Subject 2026 · Environmental Sciences [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits/800 hours, Group projects 40 credits/400 hours, Individual project 60 credits/600 hours

Industry connection

AECOM · Arup · Jacobs · PwC

Organisations consulted to keep the programme relevant to industry.

International tuition

Overseas 2027-28: MSc Full-time £19,900, MSc Part-time £19,900, PgDip Full-time £13,950, PgDip Part-time £13,950, PgCert Full-time £6,950, PgCert Part-time £6,950, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in science, engineering, social science or business related discipline. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/environmental-management-for-business

What you'll study

ENVIRONMENTAL MANAGEMENT FOR BUSINESS MSC

Compulsory modules

- Principles of Sustainability
- Economic Valuation and Appraisal
- Sustainability and Environmental Assessment
- Environmental Policy and Risk Governance
- Decision Science
- Energy Entrepreneurship
- Engineering Design and Project Management
- Strategic Foresight

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/environmental-management-for-business

Future Food Sustainability MSc

COURSE 34 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

UK top 20 · World top 250 QS Subject 2026 · Agriculture & Forestry [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits/800 hours, Group projects 40 credits/400 hours, Individual project 60 credits/600 hours

Industry connection

Non confirmed

Check the course's industry section using the source below.

International tuition

Overseas 2027-28: MSc Full-time £19,700, MSc Part-time £19,700, PgDip Full-time £13,800, PgDip Part-time £13,800, PgCert Full-time £6,900, PgCert Part-time £6,900, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a relevant science or social science-based discipline. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/future-food-sustainability

What you'll study

FUTURE FOOD SUSTAINABILITY MSC

Compulsory modules

- Principles of Sustainability
- Technologies for Seeds and Crop Protection
- Soil Systems
- Food Chain Resilience
- Agricultural Informatics
- Sustainability and Environmental Assessment
- Water and Sustainable Agrifood Systems
- Strategic Foresight

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/future-food-sustainability

Renewable Energy MSc

COURSE 35 · OVERVIEW AND ENTRY

Duration / mode

One year full-time, two-three years part-time · Full-time / Part-time

Campus

Cranfield campus

Ranking

World top 200 QS Subject 2026 · Engineering & Technology [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Taught modules 80 credits/800 hours, Group projects 40 credits/400 hours, Individual project 60 credits/600 hours

Industry connection

ORE Catapult · ERM · Petrofac · Scottish Power

Organisations represented on the course's Industrial Advisory Panel.

International tuition

Overseas 2027-28: MSc Full-time £29,000, MSc Part-time £29,000, PgDip Full-time £20,300, PgDip Part-time £20,300, PgCert Full-time £10,150, PgCert Part-time £10,150, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a related engineering or applied science discipline. Find information about equivalent qualifications in your country on our International entry requirements page. This course requires Academic Technology Approval Scheme (ATAS) clearance. ATAS is run by the UK Government's Foreign, Commonwealth and Development Office (FCDO) and applies to international students, except exempt nationalities, who need a visa to study in the UK. Further information can be found in our Application guide.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/renewable-energy

What you'll study

RENEWABLE ENERGY MSC

Other / optional modules — check selection rules

- Artificial Intelligence for Sustainability
- Energy Entrepreneurship
- Solar Energy Engineering
- Energy from Waste and Biomass
- Hydrogen Production
- Renewable Energy Storage, Distribution and Recovery
- Wind Engineering
- Energy Systems Case Studies
- Short Research Project
- Energy Economics and Policy
- Engineering Design and Project Management
- Health, Safety and Environmental Risk
- Sustainability and Environmental Assessment

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/renewable-energy

Water and Wastewater Processes MSc

COURSE 36 · OVERVIEW AND ENTRY

Duration / mode

Full-time: one year, part-time: two-three years · Full-time / Part-time

Campus

Cranfield campus

Ranking

UK top 20 · World top 140 QS Subject 2026 · Environmental Sciences [S]

This is Cranfield's subject-ranking context, not the individual MSc's own rank. MAM means Mechanical, Aeronautical and Manufacturing Engineering.

Course composition

Five core modules, two route modules and one elective, followed by a group project and individual thesis. Choose the Engineering or Environmental Science route.

Industry connection

Aquabio

Field-trip example featured in the official course page's course-insights section.

International tuition

Overseas 2027-28: MSc Full-time £19,700, MSc Part-time £19,700, PgDip Full-time £13,800, PgDip Part-time £13,800, PgCert Full-time £6,900, PgCert Part-time £6,900, Deposit £2,000

The offer letter sets your deposit, payment deadline and conditions.

Academic entry summary

A UK first or second class undergraduate degree with honours, as a minimum, or equivalent international qualification. Ideally applicants will have studied in a relevant science, engineering or related discipline. Find information about equivalent qualifications in your country on our International entry requirements page.

IELTS: 6.5 overall and 5.5 in all skill components.

Other accepted tests and full validity/eligibility conditions: see the official source. The collected start-date field may refer to an earlier intake. Confirm the intended intake and exact start date with the university.

Explore modules and options → · Back to courses · Ask Arif

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/water-and-wastewater-processes

What you'll study

WATER AND WASTEWATER PROCESSES MSC

Use the official course and specialist-option pages below for the complete current curriculum and module choices.

Specialist options / routes

Water and Wastewater Processes MSc - Engineering route

Water and Wastewater Processes MSc - Environmental Science route

Modules are indicative and may change for your year of entry. Optional-module availability and selection rules are governed by the course page. Projects listed as modules retain their published titles.

Read the full course page · Overview and entry · Back to courses

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/courses/taught/water-and-wastewater-processes
https://www.cranfield.ac.uk/courses/taught/water-and-wastewater-processes-engineering
https://www.cranfield.ac.uk/courses/taught/water-and-wastewater-processes-environmental-science

Plan your budget

Tuition and deposits

Use the overseas tuition figure and academic year on your chosen course page. Tuition is separate from living costs. Your offer sets the deposit and deadline; do not treat a general guide as an individual invoice.

Living costs

Published monthly single-student ranges: accommodation £620–£1,400; food £300–£400; travel £39–£85; general expenses £300–£400. Adding these figures gives £1,259–£2,285 per month or £15,108–£27,420 over 12 months. These totals are our arithmetic, not a university package price. They exclude tuition and additional arrival/immigration costs. Your spending may differ.

Funding

Check scholarships for your nationality, intended course and intake. Many collected funding pages refer to earlier rounds; this guide does not confirm those awards are currently open. Verify eligibility and deadlines directly before applying.

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/study/taught-degrees/fees-and-funding/taught-tuition-fees-2027
https://www.cranfield.ac.uk/study/life-on-campus/managing-money
https://www.cranfield.ac.uk/funding

Your application steps

1. Confirm the course and intake

Read the exact course requirements, availability and current deadlines. Most collected course start fields still refer to 2026; use the university's current application guidance for your intended intake.

2. Check your qualification and English

Academic subject, grades, experience and English scores vary by course. For Thailand, official four-year bachelor's comparisons include GPA 2.5 for a UK lower-second equivalent and 3.0 for an upper-second equivalent. These comparisons do not guarantee admission. Applicants from other countries must use their own country guidance.

3. Prepare documents

Check the course's document requirements. Academic certificates/transcripts, English evidence and translations may be needed. Interim evidence can be accepted where applicable; references are course-dependent.

4. Apply and meet your offer conditions

Use the official online route. Read your offer carefully and satisfy its academic, English, deposit and other conditions. Some courses require ATAS clearance for applicants of relevant nationalities. Check current government visa and clearance guidance.

Sources checked/collected 7 November 2026:
https://www.cranfield.ac.uk/study/application-guide/applying-for-a-taught-degree
https://www.cranfield.ac.uk/study/application-guide/entry-requirements-a-to-z
https://www.cranfield.ac.uk/study/application-guide/before-you-apply
https://www.cranfield.ac.uk/study/application-guide/your-offer
https://www.gov.uk/student-visa
https://www.gov.uk/guidance/academic-technology-approval-scheme

Keep exploring at home

Use the text guide on your phone

1. Save Cranfield-Student-Guide.txt to your phone.
2. Attach it in a new ChatGPT conversation, if file upload is available in your account.
3. Ask about your background, interests, career goals, budget and intake.

A starting message

Use this guide to help me explore Cranfield. First explain its edition, information-check and distribution dates and any recorded personal edits. Ask about my background, goals, budget and intake. Compare relevant courses, cite the guide sections and official sources, and say when information is missing or conflicting. Do not promise admission, funding, a visa or employment.

Keep the original dates

Prepared and researched: 7 November 2026. First distributed: 7 November 2026. If you edit your copy, keep the original edition and distribution date, and add your personal edit date and a description. Personal edits are not verified university updates. Editable files cannot enforce date retention.

Your regional contact

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AI answers can contain mistakes. Confirm decisions against official sources and written university advice. This is a student information draft, not an admissions decision or an official offer.

Return to the course directory →