

AEROSPACE MSc BURSARY SCHEME

Applications for study starting in academic year 2015-16

LIST OF ELIGIBLE MSc PROGRAMMES

12 November 2014

The following MScs are eligible for tuition fee bursaries. They are presented in three sections:

- Section A:** Programmes accredited mainly by the Royal Aeronautical Society as appropriate further learning for Chartered Engineer registration.
- Section B:** Programmes identified in conjunction with the Scheme's partner companies as supporting the aims of the scheme; the Royal Aeronautical Society, or other professional engineering institutions, might not currently accredit these as appropriate further learning for Chartered Engineer registration.
- Section C:** Programmes that by their design are individual to each student and must therefore be assessed on a case-by-case basis.

Information about these MScs can be found on university web sites. You should contact the university direct for full details of entry requirements and the application process. Further information about the accreditation status and history of programmes is available from the Engineering Council at <http://www.engc.org.uk/education--skills/accreditation/accredited-course-search>.

For further information and advice see *FAQs*, and *Advice to candidates* at www.raeng.org.uk/aeromsc. In particular you are advised you read “Areas of interest” and “Intended MSc programme(s)” on page 5 of *Advice to candidates*.

You may choose an MSc that is not listed here. If you do so, you must justify in the space provided on the Phase 2 application form, how it is relevant to your future employment in the UK aerospace sector. Your case will be stronger if you can show that a relevant employer supports your choice and / or how your chosen MSc will meet current or future skills needs in UK aerospace.

SECTION A:

SECTION	UNIVERSITY	MSc PROGRAMME
A	University of Bristol www.bris.ac.uk	- Integrated Aerospace Systems Design (full-time) EngC ref: 10065
A	Brunel University www.brunel.ac.uk	- Aerospace Engineering (full-time) EngC ref: 9731
A	City University, London www.city.ac.uk	- Air Safety Management (part-time) EngC ref: 10090 - Air Transport Management (part-time) EngC ref: 10089 - Aircraft Maintenance Management (part-time) EngC ref: 10091
A	Cranfield University www.cranfield.ac.uk	- Advanced Lightweight Structures and Impact (<i>previously Structures, Crashworthiness and Impact</i>) (full time) EngC ref: 8491 - Advanced Materials (full-time) EngC ref: 8454 - Advanced Mechanical Engineering EngC ref: 10189 - Aerospace Dynamics (full-time/part-time) EngC ref: 11566 - Aerospace Manufacturing (full-time/part-time) EngC ref: pending - Aerospace Vehicle Design (Aerospace Vehicle Design, Avionics and Structural Design options) (full time) EngC ref: 8227 - Aircraft Engineering (Engineering & Manufacturing streams) (part time) EngC ref: 8226 - Airworthiness (part time) EngC ref: 10010 - Astronautics and Space Engineering (full-time/part-time) EngC ref: 11568 - Computational Fluid Dynamics (full time/part time) EngC ref 1011 - Engineering & Management of Manufacturing Systems (<i>formerly Manufacturing Masters</i>) (full-time/part-time) EngC ref: 10109 - Global Product Development and Management (full-time) EngC ref: 10872 - Management of Information Systems (<i>formerly Manufacturing Masters</i>) (full-time/part-time) EngC ref: 10110 - Manufacturing Consultancy (<i>formerly Manufacturing Masters</i>) (full-time/part-time) EngC ref: 37920 - Microsystems & Nanotechnology (full-time) EngC ref: 9929 - Operations Excellence (part-time) EngC ref: 8074 - Process Systems Engineering (full time/part-time) EngC ref:8490 - Sustainable Manufacturing (full-time) EngC ref: 10874 - Thermal Power (Aerospace Propulsion Option) (full-time) EngC ref: 8959 - Thermal Power (Gas turbine Technology Option) (full-time) EngC ref: 8958
	<i>Continued below</i>	

SECTION	UNIVERSITY	MSc PROGRAMME
A	Cranfield University www.cranfield.ac.uk	<ul style="list-style-type: none"> - Thermal Power (Power, Propulsion and the Environment Option) (full-time) EngC ref: 9454 - Thermal Power (Rotating Machinery Engineering & Management Option) (full-time) EngC ref: 8960 - Through-life System Sustainment (Part-time) EngC ref: pending - Ultra Precision Technologies (full-time) EngC ref: 9930 - Welding Engineering (full-time) EngC ref: 9931
A	Cranfield University (Shrivenham) www.cranfield.ac.uk	<ul style="list-style-type: none"> - Guided Weapon Systems (full-time) EngC ref: 10405 - Military Aerospace and Airworthiness (part time) EngC ref: 10202
A	Durham University www.dur.ac.uk	<ul style="list-style-type: none"> - Design and Operations Engineering EngC ref 9535
A	University College London www.ucl.ac.uk	<ul style="list-style-type: none"> - Mechanical Engineering EngC ref: 7179
A	University of Glasgow www.glasgow.ac.uk	<ul style="list-style-type: none"> - Aeronautical Engineering (full-time/part-time) Eng C ref: 11244 - Aerospace Systems (full-time/part-time) EngC ref: 10008
A	Glyndwr University www.glyndwr.ac.uk	<ul style="list-style-type: none"> - Aeronautical Engineering (full-time/part-time) EngC ref: 9342 - Aircraft Electronics and Control (full time/part time) EngC ref: 11815
A	University of Hertfordshire www.herts.ac.uk	<ul style="list-style-type: none"> - Aerospace Engineering (full-time/part-time) EngC ref: 10643 - Automotive Design (full-time/part-time) EngC ref: 10644 - Mechanical Engineering (full-time/part-time) EngC ref: 10645
A	Imperial College www.ic.ac.uk	<ul style="list-style-type: none"> - Advanced Computational Methods for Aeronautics, Flow Management and Fluid-Structure Interaction EngC ref 11466 - Composites: the science, technology and engineering application of advanced composites (full-time/ part-time) (full-time) EngC ref: 10194 - MSc Advanced Mechanical Engineering EngC ref: 11121
A	Kingston University www.kingston.ac.uk	<ul style="list-style-type: none"> - Aerospace Engineering EngC ref: 12389
A	University of Loughborough www.lboro.ac.uk	<ul style="list-style-type: none"> - Advanced Methods in Aeronautical Engineering (full-time) EngC ref: 8635 - Systems Engineering EngC ref: pending

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A	University of Manchester www.man.ac.uk	- Aerospace Engineering EngC ref: 9922 - Mechanical Engineering Design EngC ref: 9921
A	University of Nottingham www.nottingham.ac.uk	- Aerospace Technologies Eng C ref: 12393
A	Queen Mary, University of London www.qmul.ac.uk	- Aerospace Engineering (full time) EngC ref: 12151 - Computer Aided Engineering (full time) EngC ref: 12150
A	University of Salford www.salford.ac.uk	- Advanced Control Systems (full-time/part-time) EngC ref: 10016 - Aerospace Design & Manufacture (full-time/part-time) EngC ref: 10015 - Aerospace Engineering (full-time/part-time) EngC ref: 10017
A	University of Sheffield www.shef.ac.uk	- Advanced Manufacturing Technologies EngC ref: 12394
A	University of Southampton www.southampton.ac.uk	- Aerodynamics and Computation (full time/part time) EngC ref 10206 - Unmanned Vehicle Systems Design EngC ref: 12382 - Space Systems Engineering EngC ref:12380
A	University of South Wales (formerly Glamorgan) www.southwales.ac.uk	- Aeronautical Engineering (full-time/part-time) EngC ref: 10764
A	University of Strathclyde www.strathclyde.ac.uk	- Advanced Mechanical Engineering (full-time) EngC ref: 10269 - Renewable Energy Systems (full-time/part-time) EngC ref: 10000
A	Swansea University www.swan.ac.uk	- Aerospace Engineering (1y FT 2 or 3 y PT) EngC ref: 11065 - Manufacturing Management EngC ref: 10379
A	University of the West of England (CPDA) www1.uwe.ac.uk/et/e/dm/cpda/	- Aerospace (CPDA) (PT/work-based) EngC ref: 10201

SECTION B:

SECTION	UNIVERSITY	MSc PROGRAMME
B	University of Bath www.bath.ac.uk	- Electrical Power Systems EngC ref: 9254
B	University of Birmingham www.birmingham.ac.uk	- Integrated Computational Materials Engineering EngC ref 9224 - RF and Microwave Engineering
B	Brunel University www.brunel.ac.uk	- Advanced Manufacturing Systems EngC ref: 9118 - Advanced Mechanical Engineering EngC ref: 9119
B	University of Cambridge www.cam.ac.uk	- Materials Science and Metallurgy
B	University College London (UCL) www.ucl.ac.uk	- Systems Engineering Management
B	Cranfield University www.cranfield.ac.uk	- Through Life Systems Sustainment - Design of Rotating Machines - Environmental Engineering - Safety and Accident Investigation – Air Transport
B	Cranfield University (Shrivenham) www.cranfield.ac.uk	- Systems Engineering for Defence
B	University of Derby www.derby.ac.uk	- Ergonomics and Human Factors
B	University of Glasgow www.gla.ac.uk	- Physics: Advanced Materials
B	Imperial College London www.ic.ac.uk	- Applied Mathematics - Physics - Pure Mathematics - Advanced Mechanical Engineering EngC ref 11121
B	Lancaster University www.lancs.ac.uk	- Safety Engineering

SECTION	UNIVERSITY	MSc PROGRAMME
B	University of Leeds www.leeds.ac.uk	- Advanced Mechanical Engineering - Electronic and Electrical Engineering - Computational Fluid Dynamics
B	University of Liverpool www.liv.ac.uk	- Advanced Aerospace Engineering - Advanced Mechanical Engineering
B	University of Loughborough www.lboro.ac.uk	- Advanced Manufacturing Engineering and Management (Advanced Manufacturing and Management) - Mechanical Engineering
B	University of Manchester www.man.ac.uk	- Applied Mathematics - Advanced Manufacturing Technology and Systems Management EngC ref: 9920
B	Oxford University www.ox.ac.uk	- Software Engineering
B	Portsmouth University www.port.ac.uk	- Supportability Engineering
B	Queens University Belfast www.qub.ac.uk	- Advanced Mechanical Engineering - Advanced Aerospace Engineering (full-time/part-time) EngC ref: 11720 - Electronics EngC ref: 10528
B	University of Sheffield www.shef.ac.uk	- Aerospace Material - Control Systems - Advanced Mechanical Engineering EngC ref: 9578 - Control Systems (full-time/part-time) EngC ref:8292/3 - Structural Integrity EngC ref: 9582
B	University of Southampton www.southampton.ac.uk	- Sound and Vibration Studies (1y FT 2y PT) EngC ref: 8501
B	Swansea University www.swan.ac.uk	- Materials Engineering (Power/ Aerospace Technology) - Mechanical Engineering EngC ref: 10264 -
B	University of Ulster www.ulster.ac.uk	- Advanced Composites and Polymers - Manufacturing management EngC ref 10379

SECTION	UNIVERSITY	MSc PROGRAMME
B	University of Warwick www.warwick.ac.uk	- Manufacturing Systems Engineering - Mechanical Engineering Systems - Mechanical Engineering Systems (Mechanical Engineering with Systems Engineering) EngC ref: 7079
B	University of the West of England (UWE) www.uwe.ac.uk	- Aerospace, Design, Manufacture and Management - Mechanical Engineering (1y FT 2y PT 2y SW) EngC ref: 8887
B	University of York www.york.ac.uk	- Safety Critical Systems

SECTION C:

SECTION	UNIVERSITY	MSc PROGRAMME
C	University of Birmingham www.bham.ac.uk	- Metallurgy and Materials MSc by Research
C	Oxford University www.ox.ac.uk	- Materials (by Research)
C	Engineering Gateways www.engineeringgateways.co.uk	- Professional Engineering (part-time/work-based). Participating universities: Aston Hertfordshire Cardiff Kingston Derby Northumbria Glamorgan Staffordshire
C	Portsmouth University Partnership Programme www.port.ac.uk/departments/academic/learningatwork/partnershipdegreeprogramme/	- Engineering (part-time/work-based)