

# Department of Actuarial Mathematics and Statistics Programmes



We were established in 1972 and are the oldest such department in the UK. We have since grown to become internationally recognised as a leading centre of actuarial and financial teaching and research.

We offer several MSc Programme for holders of strong Mathematical bachelors degrees' which allow you to specialise in your preferred area following graduation.

Programme	Overview of Content	Career outcomes/Typical destinations	Admission Requirements
<b>MSc Actuarial Science</b>	Programme offers exemptions from Subjects CT1-8 of the UK professional actuarial exams allowing you to complete all eight professional examinations within the 1 year programme.	Actuary and other Mathematics Graduate Careers	Good bachelors degree with strong Mathematical content.
<b>MSc Actuarial Management</b>	Programme offers exemptions from Subjects CA1, CA3 and the major ST Subjects, including the new ST9 of the UK professional actuarial exams allowing you to complete all the professional examinations within 1 year of completing the degree.	Actuary and other Mathematics Graduate Careers	A good bachelors or masters degree with a substantial actuarial content (such as a BSc or MSc in Actuarial Science), covering sufficient of the CT subjects of the Professional examinations.
<b>MSc Financial Mathematics (offered jointly with the University of Edinburgh)</b>	A technical degree in the mathematics that underpin financial markets. It includes details of the markets as well as advanced topics in probability.	General opportunities across all the markets, including trading, quantitative analysis, structuring and risk management.	Minimum of UK upper second-class bachelors degree or equivalent in mathematics or a very substantially mathematical subject.
<b>MSc Quantitative Financial Risk Management</b>	Covers the methodology that is used by financial services firms to comply with regulation such as Basel II in banking and Solvency II in insurance. Has been partly modelled on the PRMIA PRM syllabus and also covers the ST9 enterprise risk management syllabus of the Actuarial Profession.	Financial Risk Management roles at banks, insurance companies, fund managers, consultancies and other financial services companies.	Good bachelors degree with strong mathematical content.

More detailed information on all of our programmes and information on applying can be accessed via our website:

[www.macs.hw.ac.uk](http://www.macs.hw.ac.uk)

**Distinctly Ambitious**

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