The programme is based on a strong collaboration between our Institute of Pure and Applied Mathematics (IPAM) and the Business School. This is a postgraduate degree in finance with a very strong mathematical background. The programme contains a combination of courses that will provide the strong analytical background essential for successful careers in the public and private financial sectors as well as for progression to PhD studies.

Masters programmes in this area that combine expertise from two schools are fairly rare in the marketplace. Most of the existing programmes in Financial Mathematics are offered by maths departments and thus focus mostly on the mathematical, computational or statistical aspects of the area and lack the economics and business components that we will be providing through our Business School, and which are of great value in enhancing employability.

Students on the programme will also have access to our world-leading facilities including our Thomson Reuters Eikon flagship trading floor which integrates real activity in financial markets. Adding key Mathematica facilities to this means we have an exceptional environment for teaching students financial programming and provide them with the opportunity to work with the big data sets needed for the microstructure studies employed by the financial and banking sectors.

www.abdn.ac.uk/study
This is a 12 month MSc, delivered on a full-time basis. The following mixture of core and optional courses are studied over three semesters:

- Mathematics for finance
- Discrete Time Models
- Economic Theory
- Econometrics Theory and Data Analysis
- Continuous Time Models
- Time series
- Economics of Financial Markets
- Real Options and Decision Making
- Empirical Methods in Finance Research
- Financial Analysis
- Portfolio Analysis and Management
- MSc Project Dissertation

Interested applicants will need a strong background in mathematics, obtained through a mathematics degree, or a degree in a mathematically based discipline (e.g. Physics, Engineering).

For more information, contact
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For funding information
www.abdn.ac.uk/funding