ACTUARIAL SCIENCE WITH A FOUNDATION YEAR

Canterbury
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If you lack the right qualifications to take our BSc in Actuarial Science, it is possible to gain entry via our foundation programme.

Actuarial Science with a Foundation Year is designed for students who wish to study Actuarial Science but are applying from a country where secondary education does not reach the level required for direct entry to UK degrees. It is also suitable for those who don’t have qualifications in the appropriate subjects, or whose grades are not high enough.

If your first language is not English, the foundation year offers additional classes taught by staff who are specialists in teaching English as a foreign language.

About the programme

Actuaries evaluate and manage financial risks, particularly in the financial services industry. They form an influential and relatively well-paid profession.

The Actuarial Science degree has been fully accredited by the Institute and Faculty of Actuaries (IFoA). It can give exemption from eight of the Core Technical subjects (CT1 to CT8) of the professional examinations set by the IFoA, and gives a firm foundation for the later subjects.

The entire degree programme (BSc Actuarial Science with a Foundation Year) takes four years to complete (or five years if you choose to take a year in industry).

Foundation Year

In the first year (the foundation year), you cover all the mathematical skills required for entry to Stage 1 of the BSc degree programme. Please note that the modules listed below are based on the current curriculum and may change in response to new developments and innovation.

The compulsory modules in the foundation year are as follows:

• Graphs, Geometry and Trigonometry
• Additional Mathematics
• Foundation Statistics
• Calculus for Foundation-Year Mathematics
• Mathematical Workshops
• Academic Skills Development.

International students whose English language skills are below those required for degree-level study also take the module:

• English for Academic Study.

Students who do not need English language tuition, are able to study one of the following modules:

• Introduction to the History of Science
• Introduction to Philosophy: Logic and Reasoning.

DID YOU KNOW?
The University campus is in Canterbury, only an hour’s train journey from London, one of the world’s most important financial centres.
Foundation modules

Graphs, Geometry and Trigonometry
In this module, you focus on the properties of many functions, including lines, circles and the trigonometric functions. You also apply fundamental results and concepts to real-life situations.

Additional Mathematics
This module looks at complex numbers, matrices and series, and explores the links between these topics.

Foundation Statistics
In this module, you learn how probability and statistical techniques are used to study events where chance plays a part.

Calculus for Foundation-Year Mathematics
This module starts with the basic principles of calculus. You then develop your skills in differentiation and integration, recappping the techniques you have already come across and learning new ones.

Mathematical Workshops
The main focus of this double module is for you to develop independent study skills. To do this, you bring together methods you have learned in other modules to explore a variety of different topics.

Academic Skills Development
This module has been designed to help you to develop the skills needed for future academic study.

Progression to the degree
In order to progress from your foundation year on to Stage 1 of the BSc in Actuarial Science, you need an average overall mark of 60% on your first attempt in your foundation year. You also need marks of at least 60% in two modules: Calculus for Foundation-Year Mathematics, and Foundation Statistics. If you do not reach the required grades, you are still eligible to transfer to another degree in the School of Mathematics, Statistics and Actuarial Science, providing you pass the foundation year.

Degree-level studies
The degree programme offers a year in industry which all students may apply for. Previous students have taken work placements with companies such as Goldman Sachs, Deutsche Bank (UK) and EY (formerly Ernst & Young). For more details of what is taught within the degree programme, including our PROPHET training, see the leaflet Actuarial Science or go to www.kent.ac.uk/ug

Entry requirements
When considering your application, we look at both your qualifications and your potential, as shown, for example, by your personal statement and the comments of your referees.

To take a foundation degree, you need to have an English language standard of 5.5 in IELTS; however please note that these requirements are subject to change. For the latest details, see www.kent.ac.uk/ems/eng-lang-reqs

How to apply
Full-time applicants (including international applicants) should apply through the Universities and Colleges Admissions Service (UCAS). The institution code for the University of Kent is K24, and the code name is KENT.

Further information

Subject enquiries
For details on the Actuarial Science degree, contact:
School of Mathematics, Statistics and Actuarial Science
Tel: +44 (0)1227 827181
Email: smsasugadm issions@kent.ac.uk

Admissions enquiries
Tel: +44 (0)1227 827272
E: smsasugadmissions@kent.ac.uk

Funding
Kent offers generous schemes for undergraduate students. For details on eligibility and how to apply, see www.kent.ac.uk/scholarships

This brochure was produced in March 2016. The University of Kent makes every effort to ensure that the information contained in its publicity materials is fair and accurate, and to provide educational services as described. However, the courses, services and other matters may be subject to change. For the most up-to-date information, see www.kent.ac.uk/ug Full details of our terms and conditions can be found at: www.kent.ac.uk/termsandconditions

For the University to operate efficiently, it needs to process information about you for administrative, academic and health and safety reasons. Any offer we make to you is subject to your consent to process such information and is a requirement in order for you to be registered as a student. All students must agree to abide by the University rules and regulations at: www.kent.ac.uk/regulations
COME AND VISIT US

To find out more about visiting the University, see our website:
www.kent.ac.uk/visit