POSTGRADUATE DIPLOMA IN ACTUARIAL SCIENCE

Canterbury
POSTGRADUATE DIPLOMA IN ACTUARIAL SCIENCE

This covers the core skills and technical actuarial knowledge required to provide a strong foundation for careers in the actuarial, financial and risk management sectors. It is designed for students who are new to actuarial science or have passed up to three Core Technical (CT) subjects of the Institute and Faculty of Actuaries (IFoA), or equivalent passes from other recognised actuarial bodies.

About the programme
This intensive, nine-month, full-time taught programme enables you to acquire the core skills and knowledge required by all actuaries. It offers you the opportunity to gain exemptions from eight subjects (CT1-CT8) within the Core Technical stage of the examinations of the IFoA. The programme is fully accredited by the Institute and Faculty of Actuaries.

On successful completion, students have the opportunity to continue to a higher level on our MSc in Applied Actuarial Science programme at a discounted rate and gain further exemptions.

Course content
• Financial Mathematics (CT1)
• Finance and Financial Reporting (CT2)
• Probability and Statistics for Actuarial Science (CT3)
• Models (CT4)
• Contingencies (CT5)
• Statistics for Insurance (CT6)
• Stochastic Processes (CT4)
• Survival Models (CT4)
• Portfolio Theory and Asset Pricing Models (CT8)
• Time Series Modelling and Simulation Survival Models (CT6)
• Business Economics (CT7)
• Mathematics of Financial Derivatives (CT8)
• Financial Modelling (including PROPHET – see below).

Assessment
Assessment is by a combination of examinations and practically focused continuous assessment.

PROPHET training
Students on this programme have the opportunity to gain practical experience of using PROPHET, the financial services industry’s leading actuarial software package.

Centre for Actuarial Science, Risk and Investment
The Centre (CASRI) is part of the highly rated School of Mathematics, Statistics and Actuarial Science (SMSAS) at the University of Kent, where actuarial science has been taught for over 30 years. The Centre includes 17 qualified actuaries with many years’ practical experience in insurance and pensions, and has excellent links with the actuarial profession.

Who should apply
Applicants who have a good first degree (upper-second class or above) in a relevant subject, such as accounting, finance, economics, business, engineering or sciences with a significant mathematical content. It is also suitable for students who have passed up to three Core Technical (CT) subjects of the Institute and Faculty of Actuaries, or equivalent passes from other recognised actuarial bodies. There are English language requirements for international students, see www.kent.ac.uk/ems/eng-lang-reqs/index.html

Funding
The School has a bursary scheme to support applicants with an exceptional academic record. Additional sources of funding are also available. See our website for details.

How to apply
www.kent.ac.uk/courses/postgrad/apply

Further information
Subject enquiries
T: +44 (0)1227 827181
E: smsaspgadmin@kent.ac.uk
www.kent.ac.uk/casri/programmes/pg-index.html

Admissions enquiries
T: +44 (0)1227 827272

Full details of our terms and conditions can be found at:
www.kent.ac.uk/termsandconditions