

COURSE DETAIL

QUANTITATIVE MODELLING TECHNIQUES FOR FINANCE AND ACTUARIAL SCIENCES (LEVEL 3)

Country

United Kingdom - England

Host Institution

University College London

Program(s)

Summer at University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics Mathematics

UCEAP Course Number

140

UCEAP Course Suffix

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UCEAP Official Title

QUANTITATIVE MODELLING TECHNIQUES FOR FINANCE AND ACTUARIAL SCIENCES (LEVEL 3)

UCEAP Transcript Title

QUANT MODEL/FINANCE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The implementation of sound quantitative actuarial models is a vital task to assess risk in insurance, finance, and other industries and professions. This course provides a self-contained introduction to both theoretical and practical implementation of various quantitative modelling techniques applicable to finance and insurance. The course combines diverse quantitative disciplines, from probability to statistics, from actuarial science to quantitative finance. Students are able to apply the acquired knowledge to evaluate various insurance products.

Language(s) of Instruction

English

Host Institution Course Number

ISSU0083

Host Institution Course Title

QUANTITATIVE MODELLING TECHNIQUES FOR FINANCE AND ACTUARIAL SCIENCES (LEVEL 3)

Host Institution Course Details

<https://www.ucl.ac.uk/prospective-students/summer-school/modules/quantitative-m...>

Host Institution Campus

Bloomsbury

Host Institution Faculty**Host Institution Degree**

Bachelors

Host Institution Department

Department of Statistical Science

Course Last Reviewed

2022-2023

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