

# 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**

S

**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 Campus**

Bloomsbury

**Host Institution Faculty****Host Institution Degree**

Bachelors

**Host Institution Department**

Department of Statistical Science

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