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# BSc ECONOMICS & FINANCE

BSc (Hons) (NFQ Level 8)

CAO CODE: DN670

Recognised as one of the premier degrees in its field in Ireland and internationally, it equips students with outstanding expertise in quantitative methods, analytical skills and a rigorous preparation in economics and finance.



## WHY IS THIS COURSE FOR ME?

If you have a strong interest or ability in economics, maths and statistics, this degree provides everything you need for a future career in the areas of financial economics, banking and finance.

The skills that the course develops are valuable on their own in many careers and provide the essential background for learning Economics and Finance.

## WHAT WILL I STUDY?

### First Year - Develop Your Knowledge

During the first year of this course, you will develop your knowledge and understanding of core principles, concepts, methods and theories relevant to the study of Economics and Finance.

The emphasis initially will be on quantitative methods (Maths and Statistics) and Economics to build

solid academic foundations on which competencies in Business and Finance will be advanced throughout the course.

### Year 2 & Final Year - Apply This Knowledge

You will then learn to apply this knowledge to practical and important problems faced by businesses and policy makers in a broad range of settings in the financial industry.

In final year, depending on your area of interest you can specialise in the module areas of Economics, Finance or Maths.

The Finance stream places emphasis on problems and applications relevant to the financial industry and corporate financial management.

If you choose the Economics or Maths & Stats stream, the emphasis will be instead on different aspects of economic analysis and quantitative methods needed to support (as a consultant or an

analyst) and undertake (as a manager or a policy-maker) decision-making in a corporate or policy-making setting.

## CAREER AND GRADUATE STUDY OPPORTUNITIES

This highly regarded degree offers graduates exceptional prospects for future employment and study.

Employment options may include:

- Analytics or Risk Analysis,
- Stock Brokering,
- Fund Management,
- Investment Banking,
- Insurance, Corporate Finance and
- Economics.



I chose Economics and Finance because this course was the perfect blend of economics and math which are my favourite subjects-while adding in more relevant advanced modules to prepare me for my career.

UCD has been so welcoming to me as an international student, and one of the reasons was their interpersonal relations with each student, how helpful everyone is and just the sense of community that is fostered on campus.

I would certainly recommend this course to anyone who is ready to put in a lot of hard work but have a great university life all in one.



Tanisha Raghu Das, Graduate and Finance Student, Stage 4

## Entry Requirements

CAO Points 2021

625

Length of Course

3 Years

(4 Years with Optional Internship)

Subject Entry Requirements

H4 in Mathematics

O6/H7 in English, Irish,

a third language, and two other recognised subjects

## Opportunities

Internship

Optional One Year

Exchange Opportunity

Optional Trimester Exchange in Stage 2

Mentoring Programme

Optional Programme

### STAGE 1

**AUTUMN TRIMESTER**

Introduction to Economics

Introduction to Finance

Linear Algebra  
Apps to Economics

Intro to Analysis (E&F)

Introduction to Business Analytics

Business in Society

**SPRING TRIMESTER**

Financial Accounting 1

Differential & Diff Equations

Principles of Macroeconomics

Advanced Calculus (E&F)

Statistical Modelling

ELECTIVE

### STAGE 2

**AUTUMN TRIMESTER**

Introduction to Programming

Intermediate Microeconomics (E&F)

Corporate Finance

Probability Theory

Econometrics

ELECTIVE

### OPTIONAL TRIMESTER ABROAD

**SPRING TRIMESTER**

Intermediate Macroeconomics

Game Theory

Optimisation in Finance

Foundations of Financial Mathematics

Inferential Statistics

ELECTIVE

### OPTIONAL INTERNSHIP YEAR

### FINAL YEAR

**AUTUMN TRIMESTER**

Advanced Microeconomics

Econometrics of Financial Markets

Financial Economics I

Mathematics & Statistics Stream

Economics Stream

Finance Stream

ELECTIVE

**SPRING TRIMESTER**

Financial Economics II

Recent Research Topics in Finance

Applied Portfolio and Risk Management

Mathematics & Statistics Stream

Economics Stream

Finance Stream

ELECTIVE