

COURSE DETAIL

ECONOMICS OF SCIENCE

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

ECONOMICS OF SCIENCE

UCEAP Transcript Title

ECON OF SCIENCE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course familiarizes students with the way in which science & technology interact with the economy on different scales illustrated by empirical data and introduces them to the notion of engineering production functions and their relation to ordinary production functions and how they are amended by technological progress. The course also introduces students to analyzing scientific progress and Science through knowledge engineering relations and gives them hands-on experience in modeling technological progress in growth models. It gives students insight in science & technology funding and the distinct roles played by private investors and governments, a proper grasp of the key international and national institutions facilitating and/or funding scientific research, an introductory knowledge of how to model networks and the flow of information or other assets through networks.

Language(s) of Instruction

English

Host Institution Course Number

ECON0055

Host Institution Course Title

ECONOMICS OF SCIENCE

Host Institution Campus

University College London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Economics

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