# COURSE DETAIL

| ECONOMICS OF SCIENCE |
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| **Country**<br>United Kingdom - England |
| **Host Institution**<br>University College London |
| **Program(s)**<br>University College London |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Economics |
| **UCEAP Course Number**<br>132 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>ECONOMICS OF SCIENCE |
| **UCEAP Transcript Title**<br>ECON OF SCIENCE |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>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 Course Details**
https://www.ucl.ac.uk/module-catalogue/modules/economics-of-science-ECON0055

**Host Institution Campus**
University College London

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**

Economics

**Course Last Reviewed**
2023-2024

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