# COURSE DETAIL

| ENERGY ECONOMICS OF THE GREEN TRANSITION |
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| **Country**<br>Denmark |
| **Host Institution**<br>University of Copenhagen |
| **Program(s)**<br>University of Copenhagen |
| **UCEAP Course Level**<br>Upper Division |
| **UCEAP Subject Area(s)**<br>Environmental Studies Economics |
| **UCEAP Course Number**<br>122 |
| **UCEAP Course Suffix** |
| **UCEAP Official Title**<br>ENERGY ECONOMICS OF THE GREEN TRANSITION |
| **UCEAP Transcript Title**<br>ENERGY ECONOMICS |
| **UCEAP Quarter Units**<br>6.00 |
| **UCEAP Semester Units**<br>4.00 |

**Course Description**

This course provides an understanding of the challenges associated with the transition from fossil-based fuels to renewable energy, considering both the supply and demand side of energy markets. This includes the technological challenges of introducing renewable energy in the energy system and the regulatory challenges of designing optimal policies to facilitate the transition. While the course generally deals with the several energy markets, special emphasis is placed on electricity markets due to the significant role of electricity in a carbon neutral energy system. The course applies theory and analytical tools from microeconomics, macroeconomics, and econometrics. A large part of the course is also based on numerical structural models of the energy system.

**Language(s) of Instruction**
English

**Host Institution Course Number**
AØKA08243U

**Host Institution Course Title**
ENERGY ECONOMICS OF THE GREEN TRANSITION

**Host Institution Course Details**
https://kurser.ku.dk/course/a%c3%98ka08243u/2024-2025

**Host Institution Campus**

**Host Institution Faculty**
Social Sciences

**Host Institution Degree**
Bachelor

**Host Institution Department**
Economics

**Course Last Reviewed**

2024-2025

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