

# COURSE DETAIL

## PHILOSOPHY OF PHYSICS 1: SPACE AND TIME

**Country**

United Kingdom - England

**Host Institution**

King's College London

**Program(s)**

King's College London

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Philosophy

**UCEAP Course Number**

153

**UCEAP Course Suffix****UCEAP Official Title**

PHILOSOPHY OF PHYSICS 1: SPACE AND TIME

**UCEAP Transcript Title**

PHIL OF PHYSICS 1

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course examines aspects of contemporary physics that bear on the philosophy of space and time. focuses on special relativity and the four-dimensional geometry it proposes: students consider its unification of space and time, its own interpretation, and its consequences for the metaphysics of time. The course also explores thermal and statistical physics, including discussion of the arrow of time in thermodynamics and the reduction of thermodynamics to statistical mechanics.

## Language(s) of Instruction

English

## Host Institution Course Number

5AANB053

## Host Institution Course Title

PHILOSOPHY OF PHYSICS 1: SPACE AND TIME

## Host Institution Campus

King's College London

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Philosophy

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