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 Course Details
https://www.kcl.ac.uk/abroad/module-options/module?id=1f0c5666-97aa-4d04-b474-c...

Host Institution Campus
King's College London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Philosophy

Course Last Reviewed
2019-2020

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