COURSE DETAIL

BASIC STATISTICAL PHYSICS AND QUANTUM STATISTICS
Country Sweden
Host Institution Lund University
Program(s) Lund University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 149
UCEAP Course Suffix
UCEAP Official Title BASIC STATISTICAL PHYSICS AND QUANTUM STATISTICS
UCEAP Transcript Title STAT PHYSICS QUANTM
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

The course presents the essence of statistical mechanics, starting from a microscopic description of matter. This includes the central concept of entropy, the connection with thermodynamical quantities, and paradigmatic systems such as the ideal (quantum and classical) gases.

Language(s) of Instruction
English

Host Institution Course Number
FYSB23

Host Institution Course Title
BASIC STATISTICAL PHYSICS AND QUANTUM STATISTICS

Host Institution Course Details
https://www.lunduniversity.lu.se/lubas/i-uoh-lu-FYSB23

Host Institution Campus
Science

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed
2021-2022

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