

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

[Print](#)