COURSE DETAIL

THERMAL, STATISTICAL AND PARTICLE PHYSICS
Country New Zealand
Host Institution University of Canterbury
Program(s) University of Canterbury
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title THERMAL, STATISTICAL AND PARTICLE PHYSICS
UCEAP Transcript Title THRM STAT& PAR PHYS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines the study of the physical properties of matter. It integrates the study of thermal properties of matter in bulk (thermodyn amics) with the molecular/atomic approach (statistical physics). The particle physics is further extended to subatomic scales with an introduction to the phenomenology of nuclear structure, radiation processes and the standard model of particle interactions.

Language(s) of Instruction
English

Host Institution Course Number
PHYS310

Host Institution Course Title
THERMAL, STATISTICAL AND PARTICLE PHYSICS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Print