COURSE DETAIL

NUCLEAR PHYSICS
Country Japan
Host Institution Tohoku University
Program(s) Engineering and Science
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 112
UCEAP Course Suffix
UCEAP Official Title NUCLEAR PHYSICS
UCEAP Transcript Title NUCLEAR PHYSICS
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description
Nuclear physics is a field in physics which describes and understands quark many-body systems governed by strong interaction including hadrons and atomic nuclei. The mission of nuclear physics is to answer the basic questions on how the hadrons (nucleons) are created from quarks and how atomic nuclei are formed from hadrons in the history of the universe. The course introduceS an overview of nuclear physics nowadays together with recent topics in cutting-edge researches.

Language(s) of Instruction
English

Host Institution Course Number
PHY815E

Host Institution Course Title
NUCLEAR PHYSICS

Host Institution Course Details

Host Institution Campus
Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department
JYPE

Course Last Reviewed

Print