COURSE DETAIL

DYNAMICAL SYSTEM AND CHAOS
Country Sweden
Host Institution Uppsala University
Program(s) Uppsala University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 118
UCEAP Course Suffix
UCEAP Official Title DYNAMICAL SYSTEM AND CHAOS
UCEAP Transcript Title DYNAMICAL SYS&CHAOS
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

Most processes in nature are complex and dynamical. This is also true for many problems encountered by engineers and scientists in their professional life. In this course students get tools to analyse such dynamical systems. They learn to determine if, when, and how chaotic behavior occurs. The course focuses on applications in fields such as physics, biology, chemistry, and engineering. The previous experience of the participants is taken into account and made use of in the course and the examples studied.

Language(s) of Instruction
English

Host Institution Course Number
1FA152

Host Institution Course Title
DYNAMICAL SYSTEM AND CHAOS

Host Institution Course Details
https://www.uu.se/en/admissions/exchange/courses/list/syllabus/?kpid=44929&lasa...

Host Institution Campus
Uppsala University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Department of Physics and Astronomy

Course Last Reviewed
2022-2023

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