

COURSE DETAIL

MATHEMATICS MODELS AND DYNAMIC SYSTEMS

Country

Spain

Host Institution

University of Barcelona

Program(s)

University of Barcelona

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

160

UCEAP Course Suffix**UCEAP Official Title**

MATHEMATICS MODELS AND DYNAMIC SYSTEMS

UCEAP Transcript Title

MATH MODELS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course examines mathematical models from different scientific fields including biology, physics, and economics, and applies dynamic systems tools in the analysis of mathematical models. Topics covered include: discrete dynamic systems; fractals and complex dynamics; continuous dynamic systems.

Language(s) of Instruction

English

Host Institution Course Number

360153

Host Institution Course Title

MODELOS MATEMATICOS Y SISTEMAS DINÁMICOS

Host Institution Course Details**Host Institution Campus**

Facultad de Matemáticas e Informática, Campus Plaça Universitat

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Matemáticas e Informática

Course Last Reviewed

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