COURSE DETAIL

PROBABILITY

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
159

UCEAP Course Suffix

UCEAP Official Title
PROBABILITY

UCEAP Transcript Title
PROBABILITY

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

This course provides an introduction to probability theory aimed at third-year mathematics majors. Topics include: probability space; random variables: distribution, distribution functions, discrete random variables, moments of discrete random variables; random vectors; sequences of random variables; law of large numbers and the central limit theorem. Recommended prerequisites: introductory differential calculus, introductory integral calculus, multivariable differential calculus, multivariable integral calculus.

Language(s) of Instruction

Catalan

Host Institution Course Number

360162

Host Institution Course Title

PROBABILIDADES

Host Institution Course Details

Host Institution Campus

Facultad de Matematicas e Informática, Campus Plaza Universidad

Host Institution Faculty

Host Institution Degree

Host Institution Department

Matematicas e Informática

Course Last Reviewed