

# COURSE DETAIL

## PROBABILITY AND DATA ANALYSIS

**Country**

Spain

**Host Institution**

Carlos III University of Madrid

**Program(s)**

Carlos III University of Madrid

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Statistics

**UCEAP Course Number**

115

**UCEAP Course Suffix****UCEAP Official Title**

PROBABILITY AND DATA ANALYSIS

**UCEAP Transcript Title**

PROBABILITY&DATA

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course explores basic statistical concepts and tools to analyze real world data, understand concepts of uncertainty and probability, and apply distribution models to solve relevant problems. Topics include: analysis of univariate data; analysis of bivariate data; introduction to probability; random variables; distribution models; linear regression.

## Language(s) of Instruction

English

## Host Institution Course Number

16477

## Host Institution Course Title

PROBABILIDAD Y ANÁLISIS DE DATOS

## Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=371&anio=2024&plan=456&asig=16...>

## Host Institution Campus

LEGANÉS

## Host Institution Faculty

Escuela Politécnica Superior

## Host Institution Degree

Doble Grado Ciencia e Ingeniería de Datos - Ingeniería en Tecnologías de Telecomunicación

## Host Institution Department

Departamento de Estadística

## Course Last Reviewed

2024-2025

[Print](#)