COURSE DETAIL

STATISTICAL LEARNING

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
101

UCEAP Course Suffix
B

UCEAP Official Title
STATISTICAL LEARNING

UCEAP Transcript Title
STATISTCAL LEARNING

UCEAP Quarter Units
5.00

UCEAP Semester Units

3.30

Course Description

This course offers a study of the key concepts and methods of Statistical Learning by focusing on regression and classification in high-dimensional settings. Students model and analyze complex data, apply supervised and unsupervised learning techniques, and use computational tools for data analysis. This course puts special emphasis on problem formulation, variable selection, and practical implementation using modern software.

Pre-requisites: Basics of Statistics

Language(s) of Instruction
English

Host Institution Course Number
17645

Host Institution Course Title
APRENDIZAJE ESTADÍSTICO

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=351&anio=2025&plan=393&asig=17...

Host Institution Campus
GETAFE

Host Institution Faculty
Facultad de Ciencias Sociales y Jurídicas

Host Institution Degree
Grado en Empresa y Tecnología

Host Institution Department
Departamento de Estadística

Course Last Reviewed

2025-2026

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