# **COURSE DETAIL**

## **MACHINE LEARNING II**

## **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)**

Computer Science

### **UCEAP Course Number**

118

### **UCEAP Course Suffix**

#### **UCEAP Official Title**

MACHINE LEARNING II

## **UCEAP Transcript Title**

MACHINE LEARNING II

## **UCEAP Quarter Units**

5.00

#### **UCEAP Semester Units**

3.30

## **Course Description**

This course discusses advanced concepts in machine learning. Topics include: nonlinear classification and regression; Kernel methods; Ensemble methods; Gaussian Processes for classification and regression; unsupervised learning; graphical models; latent variable models; Bayesian non-parametrics; multi-task learning; transfer learning.

## Language(s) of Instruction

English

#### **Host Institution Course Number**

16498

#### **Host Institution Course Title**

APRENDIZAJE AUTOMÁTICO II

### **Host Institution Campus**

Leganés

## **Host Institution Faculty**

Escuela Politécnica Superior

# **Host Institution Degree**

Grado en Ciencia e Ingeniería de Datos

## **Host Institution Department**

Teoría de la Señal y Comunicaciones

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