COURSE DETAIL

HEURISTICS AND OPTIMIZATION

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)
Mathematics Computer Science

UCEAP Course Number
157

UCEAP Course Suffix

UCEAP Official Title
HEURISTICS AND OPTIMIZATION

UCEAP Transcript Title
HEURISTICS&OPTIMZTN

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

This course explores the concepts of heuristics and optimization as two means of problem-solving and analysis. Topics include: dynamic programming; linear programming; constrained Boolean satisfiability; constraints programming; search. Pre-requisites: Programming; Algorithms and Data Structures; Discrete Mathematics; Artificial Intelligence.

Language(s) of Instruction
English

Host Institution Course Number
18275

Host Institution Course Title
HEURISTICS AND OPTIMIZATION

Host Institution Campus
LEGANÉS

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree
Grado en Matemática Aplicada y Computación

Host Institution Department
Departamento de Informática

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