COURSE DETAIL

GRAPHS

Country
Spain

Host Institution
University of Barcelona

Program(s)
University of Barcelona

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mathematics Computer Science

UCEAP Course Number
127

UCEAP Course Suffix

UCEAP Official Title
GRAPHS

UCEAP Transcript Title
GRAPHS

UCEAP Quarter Units
5.00

UCEAP Semester Units
3.30

Course Description

This course offers a study of the basic concepts of discrete mathematics: graphs, vertex and adjacency relations; trees; existence of Euler and Hamiltonian paths; graph coloring; pairings. It explores ways to perform software modeling and resolution of routing optimization, interconnection, and assignment problems.

Language(s) of Instruction
English

Host Institution Course Number
360150

Host Institution Course Title
GRAPHS

Host Institution Campus
Campus Plaça Universitat

Host Institution Faculty
Facultad de Matemáticas y Informática

Host Institution Degree
Matemáticas

Host Institution Department
Dept. Mathematics and Computer Science

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