

## 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

GRAFS

## Host Institution Course Details

<http://grad.ub.edu/grad3/plae/AccessInformePD?curs=2021&codiGiga=360150&idioma=E...>

## 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

## Course Last Reviewed

2022-2023

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