

## Course guide

# 240ST1021 - 240ST1021 - Design and Dynamic Simulation of Storage Systems

**Last modified:** 16/05/2023

**Unit in charge:** Barcelona School of Industrial Engineering  
**Teaching unit:** 732 - OE - Department of Management.

**Degree:** MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2014). (Optional subject).  
MASTER'S DEGREE IN SUPPLY CHAIN, TRANSPORT AND MOBILITY MANAGEMENT (Syllabus 2014). (Optional subject).  
MASTER'S DEGREE IN MANAGEMENT ENGINEERING (Syllabus 2021). (Optional subject).

**Academic year:** 2023    **ECTS Credits:** 5.0    **Languages:** English

## LECTURER

**Coordinating lecturer:** Benedito Benet, Ernest

**Others:** Gavalda Aran, Francesc Xavier

## DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

### Specific:

CEC1. Analyze and optimize the operations associated with the supply chains of companies and organizations in general, both globally and in each of its parts: supply, distribution, production, transportation, storage and retrieval.

CEC2. Effectively managing human, material and financial resources necessary for the proper functioning of supply chains.

### Transversal:

CT3. TEAMWORK: Being able to work in an interdisciplinary team, whether as a member or as a leader, with the aim of contributing to projects pragmatically and responsibly and making commitments in view of the resources that are available.

## TEACHING METHODOLOGY

## LEARNING OBJECTIVES OF THE SUBJECT

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## STUDY LOAD

Type	Hours	Percentage
Hours large group	30,0	24.00
Self study	80,0	64.00
Hours small group	15,0	12.00

**Total learning time:** 125 h



## CONTENTS

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### title english

**Description:**

content english

**Full-or-part-time:** 4h

Laboratory classes: 4h

### title english

**Description:**

content english

**Full-or-part-time:** 6h

Laboratory classes: 6h

### title english

**Description:**

content english

**Full-or-part-time:** 6h

Laboratory classes: 6h

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**Description:**

content english

**Full-or-part-time:** 4h

Laboratory classes: 4h

### title english

**Description:**

content english

**Full-or-part-time:** 6h

Laboratory classes: 6h

### title english

**Description:**

content english

**Full-or-part-time:** 2h

Laboratory classes: 2h



## GRADING SYSTEM

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