

## Course guide

# 210748 - RPRE - Rehabilitation, Pathologies and Structural Reinforcement

Last modified: 15/07/2024

**Unit in charge:** Barcelona School of Architecture  
**Teaching unit:** 753 - TA - Department of Architectural Technology.

**Degree:** MASTER'S DEGREE IN ADVANCED STUDIES IN ARCHITECTURE-BARCELONA (Syllabus 2015). (Optional subject).  
MASTER'S DEGREE IN ARCHITECTURE (Syllabus 2015). (Optional subject).

**Academic year:** 2024    **ECTS Credits:** 5.0    **Languages:** Spanish

### LECTURER

**Coordinating lecturer:** LAIA MARÍN SELLARÉS

**Others:** Primer quadrimestre:  
LAIA MARÍN SELLARÉS - RRA1

### TEACHING METHODOLOGY

Go to Spanish or Catalan version

### LEARNING OBJECTIVES OF THE SUBJECT

Go to Spanish or Catalan version

### STUDY LOAD

| Type              | Hours | Percentage |
|-------------------|-------|------------|
| Hours large group | 37,5  | 30.00      |
| Self study        | 87,5  | 70.00      |

Total learning time: 125 h

### CONTENTS

#### title english

**Description:**

Go to Spanish or Catalan version.

**Specific objectives:**

Go to Spanish or Catalan version.

**Full-or-part-time:** 125h

Theory classes: 15h

Laboratory classes: 30h

Self study : 80h



## GRADING SYSTEM

---

[Go to Spanish or Catalan version.](#)

## BIBLIOGRAPHY

---

### Basic:

- Calavera, J. Cálculo, construcción, patología y rehabilitación de forjados de edificación: unidireccionales y sin vigas-hormigón metálicos y mixto. 5ª ed. Madrid: Instituto Técnico de Materiales y Construcciones (INTEMAC), 2002. ISBN 8488764149.
- Brufau, R. Rehabilitar con acero. Madrid: Asociación para la Promoción Técnica del Acero, 2010. ISBN 9788469230596.