

**Información del Plan Docente**

Academic Year	2017/18
Faculty / School	110 - Escuela de Ingeniería y Arquitectura
Degree	434 - Bachelor's Degree in Mechanical Engineering
ECTS	6.0
Year	4
Semester	First semester
Subject Type	Optional
Module	---

**1.General information**

**1.1.Introduction**

**1.2.Recommendations to take this course**

**1.3.Context and importance of this course in the degree**

**1.4.Activities and key dates**

**2.Learning goals**

**2.1.Learning goals**

**2.2.Importance of learning goals**

**3.Aims of the course and competences**

**3.1.Aims of the course**

**3.2.Competences**

**4.Assessment (1st and 2nd call)**

**4.1.Assessment tasks (description of tasks, marking system and assessment criteria)**

**5.Methodology, learning tasks, syllabus and resources**

**5.1.Methodological overview**

**5.2.Learning tasks**

**5.3.Syllabus**

1. Calculation bases .
2. S tructural safety
3. Parts subjected to tension

## **29739 - Metal Structures**

4. Parts subjected to compression
5. Global buckling bar structures
6. Parts subjected to bending
7. Straight guideline parts subjected to torsion
8. Welded joints
9. Bolted connections
10. Supports metallic structures

### **5.4.Course planning and calendar**

### **5.5.Bibliography and recommended resources**