Course guide
2500057 - GECTFGECIV - Bachelor's Thesis

Unit in charge: Barcelona School of Civil Engineering
Teaching unit: 751 - DECA - Department of Civil and Environmental Engineering.

Degree: BACHELOR'S DEGREE IN CIVIL ENGINEERING (Syllabus 2020). (Project subject).

Academic year: 2022  ECTS Credits: 12.0  Languages: Spanish

LECTURER

Coordinating lecturer: GONZALO RAMOS SCHNEIDER
Others: GONZALO RAMOS SCHNEIDER

DEGREE COMPETENCES TO WHICH THE SUBJECT CONTRIBUTES

Specific:
14427. Original exercise to be carried out individually and presented and defended before a university court, consisting of a project in the field of specific Civil Engineering technologies of a professional nature in which the competences acquired in the teaching are synthesized and integrated. (End of Degree Work Module)

TEACHING METHODOLOGY

The course consists of 0 hours per week of classroom activity (large size group).

The 0 hours in the large size groups are devoted to theoretical lectures, in which the teacher presents the basic concepts and topics of the subject, shows examples and solves exercises.

Support material in the form of a detailed teaching plan is provided using the virtual campus ATENEA: content, program of learning and assessment activities conducted and literature.

LEARNING OBJECTIVES OF THE SUBJECT

Develop an original work of individual form, that has to be presented and defended in front of a pannel, consisting of a project of professional nature or a work of investigation in which the competences acquired in this bachelor should be synthesized and integrated.

Develop the bachelor thesis in the field of civil engineering of a professional nature and where the competences acquired are synthesized and integrated throughout degree.

To obtain the title of Graduate or Graduate in Civil Engineering from the Polytechnic University of Catalonia, it will be an essential requirement to study the Final Degree Project of 12 ECTS, to close the eighth and last four-month period of the degree.

The contents of this subject are described below:
1. Final Degree Project. Consisting of carrying out an original exercise to be carried out individually in the field of specific engineering technologies Civil of a professional nature in which the skills acquired in the teaching are synthesized and integrated. This work must be presented and defended before a university court.

See, in Lectures Notes section, the Rules of the TFG
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**TFG**

**Description:**
TFG

**Full-or-part-time:** 286h 39m
Laboratory classes: 120h
Self study : 166h 39m

**GRADING SYSTEM**

The mark of the course is obtained from the ratings of continuous assessment and their corresponding laboratories and/or classroom computers.

Continuous assessment consist in several activities, both individually and in group, of additive and training characteristics, carried out during the year (both in and out of the classroom).

The teachings of the laboratory grade is the average in such activities.

The evaluation tests consist of a part with questions about concepts associated with the learning objectives of the course with regard to knowledge or understanding, and a part with a set of application exercises.

**BIBLIOGRAPHY**

**Basic:**