

# Seminars (250809)

## General Information

<b>School</b>	ETSECCPB
<b>Departments</b>	Departament d'Enginyeria Civil i Ambiental (DECA)
<b>Credits</b>	5.0 ECTS
<b>Programs</b>	MÀSTER UNIVERSITARI EN ENGINYERIA DEL TERRENY (pla 2015)
<b>Course</b>	2024/25

## Main teaching language at each group

- Group 10ES1 Spanish (Q1)

## Faculty

Responsible Faculty: Anna Ramon Tarragona  
Faculty: Anna Ramon Tarragona

## Objectives of Education

To conceive soils and rocks as porous media governed by Solid and Fluid Mechanics.  
To interpret laboratory tests and field observations so as to identify the mechanisms responsible for soil response. To propose laboratory testing programmes.  
To formulate and implement Finite Element and Finite Differences numerical models with the objective to analyze the processes that govern ground response, to interpret field information and to predict soil response.

- \* To apply oral presentation techniques.
- \* To use advanced calculation tools to analyze Civil Engineering problems, design big-scale models and suggest design solutions for prototypes.
- \* To know and be able to use advanced techniques to geo-referentially represent data.
- \* To have powerful tools for the geospatial analysis of geo-referenced data.

The student attends a series of seminars on Geo-Engineering, presents orally a critical analysis of both the content and the form of the presentation and delivers a report of the work. Seminars can be organized on a regular basis in the educational institution or seminars available online in the web of renowned institutions of ( Webinars ) .

- \* Apply techniques of oral and written presentations
- \* Know the media for diffusion of scientific and technical information
- \* Know and use tools for management of bibliographic references
- \* Know and use databases to search for scientific and technical information relating to geotechnical engineering.

The student attends a series of seminars on Geotechnical Engineering. They include seminars organized regularly in the educational institution or seminars available online on the web of renowned institutions (Webinars). He presents a critical analysis of both the content and form of presentation and delivery a written work in the format of a scientific article.

## Total hours of student work

		Hours	Percentage
Supervised Learning	Large group	25.5 h	56.67 %
	Medium group	9.75 h	21.67 %
	Laboratory classes	9.75 h	21.67 %
	Guided Activities	0.0 h	0.00 %
Self Study		80.0 h	

## Contents

### Introduction

Course presentation

### Specific Objectives

Introducing the course

### Preparation of written documents

Preparation of written documents  
Review of scientific and technical documents

### Search of bibliographic information

Search of bibliographic information

### Reference Management

Reference Handling (Mendeley)

### Preparation of oral presentations

Preparation of oral presentations

### Preparation of proposals for research projects

Research proposals

## Activities

### Escritura Abstracts

Writing summaries of 9 seminars, PhD dissertations or webinars

### Dedication

1h

### Test in scientific paper format

Writing a text in scientific paper format

### Dedication

2h

## Assessment of the paper

Assessment of the paper

### Dedication

1h

## Oral presentation

Oral presentation of a scientific topic

### Dedication

2h

## Teaching Methodology

Channels of dissemination of scientific and technical information, techniques for oral and written presentations, tools for bibliographic search and reference management are presented in the lectures.

The student attends seminars and must write a summary of each one. Moreover, each student must write a scientific paper and present it orally in class.

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.

Although most of the sessions will be given in the language indicated, sessions supported by other occasional guest experts may be held in other languages.

## Grading Rules

*(\*) The evaluation calendar and grading rules will be approved before the start of the course.*

The mark of the course is obtained from the ratings of continuous assessment.

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 final grade is established with the following weights:

0.04 [Average weekly summaries]

0.04 [Average oral presentations (10 min)]

0.10 [Summary of the paper]

0.10 [Oral presentation (3 min)]

0.10 [Summary funding request]

0.10 [Oral presentation funding request]

0.20 [Oral presentation (25 min)]

0.02 [Average co-corrections and participation in class]

0.30 [Paper (20 pages)]

## Test Rules

Failure to perform a continuous assessment activity in the scheduled period will result in a mark of zero in that activity.

## Office Hours

Meetings can be arranged through e-mail or "Atena forum" .

## Bibliography

### Basic

- Derricourt, Robin. [An Author's guide to scholarly publishing](#). Princeton (N.J.): Princeton University Press, cop. 1996. ISBN 0691037094.
- Rubio, Joana; Puigpelat, Francesc. [Com parlar bé en públic](#). Barcelona: Mina, 2010. ISBN 9788499301402.

