33101 - EMRARN - Methodological Tools for Research on Natural Resources

Coordinating unit: 330 - EPSEM - Manresa School of Engineering
Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering
Academic year: 2018
Degree: MASTER'S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2015). (Teaching unit Compulsory)
MASTER'S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2009). (Teaching unit Compulsory)
ECTS credits: 5
Teaching languages: Spanish

Teaching staff
Coordinator: FRANCESC XAVIER DE LAS HERAS CISA
Others: Personal de biblioteca de la BCUM.

Degree competences to which the subject contributes

Generical:
1. To communicate orally and in written efficiently.
2. To show initiative and to be creative.

Teaching methodology

You must attend presentational programmed lectures. It will be assessed practical exercises implemented in a continuous way, as well as a bibliographic research work related with course contents.

In this subject the student will be assessed in the following way:
- Reading and comprehension of the course contents, and implementation of the activities: 20% of the final mark.
- Elaboration of the subject work: 80% of the final mark.

Learning objectives of the subject

To give the specialized tools to access the information source, this is essential to elaborate the research work of engineering. It's a practical course that aims to facilitate the bibliographic research task that student wants to investigate, in order to guarantee a complete, rigorous and current information.

Study load

<table>
<thead>
<tr>
<th>Total learning time: 45h</th>
<th>Hours large group: 30h</th>
<th>66.67%</th>
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<td>Hours medium group: 15h</td>
<td>33.33%</td>
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Last update: 13-06-2018
1. Introduction

Degree competences to which the content contributes:
Description:
  a. Research value
  b. Information value in the research process

2. Scientific communication

Degree competences to which the content contributes:

3. Information resources in the natural resources scope

Degree competences to which the content contributes:
Description:
  a. Library
  b. Documentary typology
  c. Elaboration of the search strategy
  d. Information search tools
     i. Library Catalog
     ii. Internet
     iii. Data Bases
  iv. Services to be updated in natural resources
  e. Information assessment and management
     i. Information assessment
     ii. Information Organization
     iii. Ethical use of the information

4. Written presentation

Degree competences to which the content contributes:

5. Oral presentation

Degree competences to which the content contributes:
In this subject the student will be assessed in the following way:

- Reading and comprehension of the course contents, and implementation of the activities: 20% of the final mark.
- Results of the exams: 80% of the final mark.

You must show up at the exams and deliver the works in order to be assessed.

### Bibliography

**Basic:**