33110 - REDMOP - Restoration of Landscapes Deteriorated by Mining and Public Works

Coordinating unit: 330 - EPSEM - Manresa School of Engineering
Teaching unit: 750 - EMIT - Department of Mining, Industrial and ICT Engineering
Academic year: 2019
Degree: MASTER’S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2008). (Teaching unit Optional)
MASTER’S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2015). (Teaching unit Optional)
MASTER’S DEGREE IN NATURAL RESOURCE ENGINEERING (Syllabus 2009). (Teaching unit Optional)
ECTS credits: 5
Teaching languages: Spanish

Teaching staff
Coordinator: Hoffmann Sampaio, Carlos

Degree competences to which the subject contributes

Specific:
1. The ability to restore spaces degraded by natural resource exploitation using the most current restoration techniques.

General:
2. The ability to take the initiative and be creative.
3. The ability to communicate effectively orally and in writing.
4. The ability to lead work teams.
5. A broad awareness of professional ethics and the will to improve.
6. Awareness of environmental issues.

Teaching methodology
Attendance at scheduled lectures is noted. The practical exercises carried out and a bibliographic research assignment related to the content of the subject are assessed.

Learning objectives of the subject
1. To study the way in which the environmental impact of geological resource exploitation is described.
2. To describe systems for correcting environmental impact.
3. To correctly restore spaces by moving materials, conditioning, revegetating and determining a maintenance programme.
33110 - REDMOP - Restoration of Lanscapes Deteriorated by Mining and Public Works

Study load

<table>
<thead>
<tr>
<th>Study load</th>
<th>Hours large group:</th>
<th>Hours medium group:</th>
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</thead>
<tbody>
<tr>
<td>Total learning time: 45h</td>
<td>30h</td>
<td>15h</td>
</tr>
<tr>
<td>66.67%</td>
<td>33.33%</td>
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Content

-DESCRIPTION

<table>
<thead>
<tr>
<th>Learning time: 45h</th>
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<tbody>
<tr>
<td>Theory classes: 30h</td>
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<tr>
<td>Practical classes: 15h</td>
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Description:
1. To study the way in which the environmental impact of geological resource exploitation is described.
2. To describe systems for correcting environmental impact.
3. To correctly restore spaces by moving materials, conditioning, revegetating and determining a maintenance programme.

Qualification system

Different parts of the course, the practical exercises carried out and a final assignment demonstrating the attainment of subject are assessed. Assessment is divided up as follows:

- Individual continuous assessment, class attendance and a final exam, if applicable: 50%
- A real-world group assignment and its presentation: 50%

Bibliography

Basic:


