310421 - Management and Alternatives to Building Heritage

Coordinating unit: 310 - EPSEB - Barcelona School of Building Construction
Teaching unit: 753 - TA - Department of Architectural Technology
Academic year: 2019
Degree: MASTER'S DEGREE IN ADVANCED BUILDING CONSTRUCTION (Syllabus 2014). (Teaching unit Optional)
ECTS credits: 5
Teaching languages: Catalan, Spanish

Teaching staff
Coordinator: Vicente Gibert Armengol
Others: Verónica Royano García

Degree competences to which the subject contributes

Basic:
CB7. The students must be able to apply the acquired knowledges and their ability of resolution of problems in new or little known environments inside more wide environments (or multidisciplinary) related with their study field.
CB8. The students must be able to integrate knowledges and front to the complexity to formulate opinions from an information which, being incomplete or limited, includes reflections about the social and ethical responsabilities linked to the application of their knowledges and opinions.

Specific:
CE1. Capacity of innovation: identify the reasons and the mechanisms of the technologic and technical changes.


CE12. Define the characteristics of the sismic action and apply the present regulations to the sismic calculation of structures in building construction.

General:
CG1. Provide to the student the capacity to apply the knowledge acquired in the resolution of complex problems in any sector of the building construction.
CG5. Analyse, evaluate and synthesise critically, new and difficult ideas of promotion, in academic and professional contexts, scientific advances, technologics, socials or culturals in the society of knowledge.

Transversal:
02 SCS. SUSTAINABILITY AND SOCIAL COMMITMENT. Being aware of and understanding the complexity of social and economic phenomena that characterize the welfare society. Having the ability to relate welfare to globalization and sustainability. Being able to make a balanced use of techniques, technology, the economy and sustainability.
05 TEQ. TEAMWORK. Being able to work as a team player, either as a member or as a leader. Contributing to projects pragmatically and responsibly, by reaching commitments in accordance to the resources that are available.

Learning objectives of the subject

(Coming soon. We are still working on it.)
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**Study load**

<table>
<thead>
<tr>
<th>Hours large group:</th>
<th>15h</th>
<th>12.00%</th>
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<tbody>
<tr>
<td>Hours medium group:</td>
<td>5h</td>
<td>4.00%</td>
</tr>
<tr>
<td>Hours small group:</td>
<td>5h</td>
<td>4.00%</td>
</tr>
<tr>
<td>Guided activities:</td>
<td>10h</td>
<td>8.00%</td>
</tr>
<tr>
<td>Self study:</td>
<td>90h</td>
<td>72.00%</td>
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**Total learning time:** 125h

**Hours large group:** 15h (12.00%)

**Hours medium group:** 5h (4.00%)

**Hours small group:** 5h (4.00%)

**Guided activities:** 10h (8.00%)

**Self study:** 90h (72.00%)

**Total learning time:** 125h

**Hours large group:** 15h (12.00%)

**Hours medium group:** 5h (4.00%)

**Hours small group:** 5h (4.00%)

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**Self study:** 90h (72.00%)

**Content**

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<tr>
<th>Title English</th>
<th>Learning time: 60h</th>
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<tbody>
<tr>
<td>Description:</td>
<td>Theory classes: 4h</td>
</tr>
<tr>
<td>Related activities:</td>
<td>Practical classes: 4h</td>
</tr>
<tr>
<td>Specific objectives:</td>
<td>Guided activities: 7h</td>
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Bibliography

Basic:


AENOR. UNE-EN 15331: Criterios para el diseño, la gestión y el control de servicios de mantenimiento de edificios. Madrid: Asociación Española de Normalización y Certificación, 2012.


