820542 - PSCPQ - Planning and Scheduling of Chemical Processes

Coordinating unit: 295 - EEBE - Barcelona East School of Engineering
Teaching unit: 713 - EQ - Department of Chemical Engineering
Academic year: 2019
Degree: BACHELOR'S DEGREE IN CHEMICAL ENGINEERING (Syllabus 2009). (Teaching unit Optional)
ECTS credits: 6

Teaching languages: Catalan, English

Degree competences to which the subject contributes

Specific:
3. Analyse, design, simulate and optimise processes and products.
4. Design, manage and run simulation, control and instrumentation procedures in chemical processes.

Transversal:
1. SUSTAINABILITY AND SOCIAL COMMITMENT - Level 3. Taking social, economic and environmental factors into account in the application of solutions. Undertaking projects that tie in with human development and sustainability.
6. THIRD LANGUAGE. Learning a third language, preferably English, to a degree of oral and written fluency that fits in with the future needs of the graduates of each course.

Teaching methodology

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Learning objectives of the subject

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Study load

<table>
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<tr>
<th>Total learning time: 150h</th>
<th>Hours large group:</th>
<th>Hours medium group:</th>
<th>Hours small group:</th>
<th>Guided activities:</th>
<th>Self study:</th>
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<tr>
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<td>60h</td>
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<td>90h</td>
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## Content

### (ENG) - 820542 - PSCPQ - Planning and Scheduling of Chemical Processes

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<tr>
<th>Description:</th>
<th>Learning time: 50h</th>
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</table>
820542 - PSCPQ - Planning and Scheduling of Chemical Processes

(ENG) -

Learning time: 50h
Theory classes: 10h
Laboratory classes: 10h
Self study: 30h

Description:


(ENG) TEMES 11-15

Learning time: 50h
Theory classes: 10h
Laboratory classes: 10h
Self study: 30h

Qualification system
5
Bibliography

Basic:

