Course guides
820542 - PSCPQ - Planning and Scheduling of Chemical Processes

Unit in charge: Barcelona East School of Engineering
Teaching unit: 713 - EQ - Department of Chemical Engineering.
Degree: BACHELOR'S DEGREE IN CHEMICAL ENGINEERING (Syllabus 2009). (Optional subject).
Academic year: 2021  ECTS Credits: 6.0  Languages: Catalan, English

LECTURER
Coordinating lecturer: MOISES GRAELLS SOBRE
Others: Segon quadrimestre:
MOISES GRAELLS SOBRE - T10
ANA SOMOZA TORNOS - T10

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
M

LEARNING OBJECTIVES OF THE SUBJECT
O

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self study</td>
<td>90,0</td>
<td>60.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>60,0</td>
<td>40.00</td>
</tr>
</tbody>
</table>

Total learning time: 150 h
Description:


Full-or-part-time: 50h
Theory classes: 10h
Laboratory classes: 10h
Self study: 30h
Description:


Full-or-part-time: 50h
Theory classes: 10h
Laboratory classes: 10h
Self study: 30h

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Theory classes: 10h
Laboratory classes: 10h
Self study: 30h

GRADING SYSTEM
S

BIBLIOGRAPHY

Basic: