# 240ST1022 - Introduction to Research in Supply Chain

**Coordinating unit:** 240 - ETSEIB - Barcelona School of Industrial Engineering  
**Teaching unit:** 732 - OE - Department of Management  
**Academic year:** 2019  
**Degree:** MASTER'S DEGREE IN SUPPLY CHAIN, TRANSPORT AND MOBILITY MANAGEMENT (Syllabus 2014). (Teaching unit Optional)  
**ECTS credits:** 5  
**Teaching languages:** Spanish

### Teaching staff

**Coordinator:** JORGE OLIVELLA NADAL  
**Others:** Ernest Benedito  
Albert Corominas  
Alberto García  
Amaia Lusa  
Rafael Pastor

### Degree competences to which the subject contributes

**Specific:**  
CESCTM1. Designing supply chains, or parts thereof, by applying the methods, techniques and tools that are appropriate for each specific function and purpose.  
CESC1. Analyze and optimize the operations associated with the supply chains of companies and organizations in general, both globally and in each of its parts: supply, distribution, production, transportation, storage and retrieval.

### Learning objectives of the subject

### Study load

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<tr>
<th>Study load</th>
<th>Hours large group:</th>
<th>Hours medium group:</th>
<th>Hours small group:</th>
<th>Guided activities:</th>
<th>Self study:</th>
<th>Total learning time:</th>
<th>Hours large group:</th>
<th>Hours medium group:</th>
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<th>Guided activities:</th>
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<tbody>
<tr>
<td>Total learning time:</td>
<td>0h</td>
<td>30h</td>
<td>15h</td>
<td>0h</td>
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| **Learning time:** 0h 30m  
Theory classes: 0h 30m |
| Description: |
| **Learning time:** 3h 30m  
Theory classes: 3h 30m |
| Description: |
| **Learning time:** 4h  
Theory classes: 4h |
| Description: |
| **Learning time:** 2h  
Practical classes: 2h |
| Description: |
| **Learning time:** 6h  
Practical classes: 6h |
| Description: |
| **Learning time:** 109h  
Guided activities: 109h |
Bibliography

Basic:

Dell'Amico, Mauro; Maffioli, Francesco; Martello, Silvano. Annotated bibliographies in combinatorial optimization. Chichester: John Wiley & Sons, c1997. ISBN 047196574X.


Others resources: