Degree competences to which the subject contributes

Specific:
1. Aptitude and capacity to develop analysis and territorial planning and territorial sustainability in the work with interdisciplinary teams.

Transversal:
3. SELF-DIRECTED LEARNING - Level 2: Completing set tasks based on the guidelines set by lecturers. Devoting the time needed to complete each task, including personal contributions and expanding on the recommended information sources.
4. EFFICIENT ORAL AND WRITTEN COMMUNICATION - Level 3: Communicating clearly and efficiently in oral and written presentations. Adapting to audiences and communication aims by using suitable strategies and means.
5. ENTREPRENEURSHIP AND INNOVATION - Level 3: Using knowledge and strategic skills to set up and manage projects. Applying systemic solutions to complex problems. Devising and managing innovation in organizations.
6. SUSTAINABILITY AND SOCIAL COMMITMENT - Level 1: Analyzing the world’s situation critically and systematically, while taking an interdisciplinary approach to sustainability and adhering to the principles of sustainable human development. Recognizing the social and environmental implications of a particular professional activity.
7. 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.
8. TEAMWORK - Level 3: Managing and making work groups effective. Resolving possible conflicts, valuing working with others, assessing the effectiveness of a team and presenting the final results.

Learning objectives of the subject
The student is trained to comprehend the different occupation models, production and management of the territory in the current legislative framework, also with its possible professional exit in the most relevant environments of urbanism and territory order.
## Study load

<table>
<thead>
<tr>
<th></th>
<th>Hours large group:</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total learning time:</strong> 150h</td>
<td>24h</td>
<td>16.00%</td>
</tr>
<tr>
<td>Hours medium group:</td>
<td>36h</td>
<td>24.00%</td>
</tr>
<tr>
<td>Self study:</td>
<td>90h</td>
<td>60.00%</td>
</tr>
</tbody>
</table>
## Content

<table>
<thead>
<tr>
<th>Topic</th>
<th>Learning time:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Introductory principles about Urbanism</strong></td>
<td>6h</td>
</tr>
<tr>
<td><strong>Legal and regulatory framework</strong></td>
<td>2h</td>
</tr>
<tr>
<td><strong>Territorial planning</strong></td>
<td>14h</td>
</tr>
<tr>
<td><strong>Town planning basic concepts</strong></td>
<td>14h</td>
</tr>
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</table>

### Introductory principles about Urbanism

- **Description:**
  - Presentation of the subject
  - Basic concepts
  - The image of the city
  - Evolution of the occupation models and transformation of the territory

### Legal and regulatory framework

- **Description:**
  - Types of rules
  - Competence distribution
  - Legal and regulatory framework current in Catalonia
  - Principles of urban planning legislation

### Territorial planning

- **Description:**
  - The General Territorial Plan of Catalonia
  - The Partial Territorial Plans
  - The Territorial Sectorial Plans

### Town planning basic concepts

- **Description:**
  - General urban division in zones and systems
  - Land classification according to legal regime
  - Urban qualification
  - Types of building regulation
### Urban planning

**Learning time:** 16h  
- Theory classes: 3h  
- Practical classes: 3h  
- Self study: 10h

**Description:**  
- Municipal Urban Ordenation Plans  
- Derivated Urban Plans  
- Urban Director Plans

### Urban management

**Learning time:** 19h  
- Theory classes: 4h  
- Practical classes: 2h  
- Guided activities: 3h  
- Self study: 10h

**Description:**  
- Execution of urban planning  
- Urban action systems  
- Urban management concepts  
- Forced expropriation

### Mobility

**Learning time:** 4h  
- Practical classes: 4h

**Description:**  
- Evaluation of the mobility generated by the different uses  
- Pedestrians main itineraries network  
- Public and collective surface transport itineraries network  
- Bicycle itineraries network  
- Evaluation of the mobility generated by singular implantations
### Territorial systems

**Description:**
- Concept of territorial system
- Types of territorial systems
- The urban growth and the territorial systems
- The infrastructures (roads, railways, ports, airports)
- Technical services

**Learning time:** 14h
- Theory classes: 4h
- Self study: 10h

### Urban services and urbanization project

**Description:**
- Network of urban services
  Basic technologic determinings for the functioning of each urban service (mobility, sewage system, drinking water, streetlight, gas and telecommunications)
- Unfolding and disposition in the urban space
  Unfolding structure and functional element disposition of each network of urban services.
  - The urbanization project

**Learning time:** 14h
- Theory classes: 2h
- Practical classes: 2h
- Self study: 10h

### Urbanistic planning, environment and sustainable development

**Description:**
- Urbanistic planning and environment
  Environmental evaluation of the Urbanistic planning
  Environmental sustainability reports ISA
  Studies of landscape integration and environmental impact
- Urbanistic planning and sustainable development
  Sustainable urban implantations
  The alternative energies in the territory planning

**Learning time:** 14h
- Theory classes: 4h
- Self study: 10h
# Planning of activities

## ACTIVITY A

**Hours:** 4h
- Self study: 4h

### Description:

A) The student chooses a town and a buildable parcel to determine its urban qualification:
- a1.- Consultation of the Partial Territorial Plan corresponding to the chosen municipality.
- a2.- Consultation of protected natural areas.
- a3.- Consultation of the urban qualification of the plot chosen in the Municipal Urban Planning Plan.

## ACTIVITY B

**Hours:** 4h
- Theory classes: 4h

### Description:

B) The student chooses a polygon of urban development in the same municipality of the activity (A) and makes a proposal for reparation based on a hypothetical property structure based on the cadastre.

### Qualification system

50% Exams - 50% Activities

- Exam 1 (According to midterm exams calendar)
- Oral defense of activities and final delivery (Last day of the course)
- Exam 2 (According to final exams calendar)

### Bibliography

**Basic:**


**Others resources:**