210704 - APCT - Urban and Regional Analysis and Planning

Coordinating unit: 210 - ETSAB - Barcelona School of Architecture
Teaching unit: 753 - TA - Department of Architectural Technology
Academic year: 2019
Degree: MASTER’S DEGREE IN ADVANCED STUDIES IN ARCHITECTURE-BARCELONA (Syllabus 2015).
ECTS credits: 5
Teaching languages: Spanish, English

Teaching staff
Coordinator: BLANCA ESMARAGDA ARELLANO RAMOS
Others: Primer quadrimestre:
BLANCA ESMARAGDA ARELLANO RAMOS - GVUA1
CARLOS PEREZ LAMAS - GVUA1
JOSE NICASIO ROCA CLADERA - GVUA1

Teaching methodology
Go to Spanish or Cataln version.

Learning objectives of the subject
Go to Spanish or Cataln version

Study load

<table>
<thead>
<tr>
<th>Total learning time: 125h</th>
<th>Hours large group:</th>
<th>15h</th>
<th>12.00%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hours medium group:</td>
<td>0h</td>
<td></td>
<td>0.00%</td>
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<tr>
<td>Hours small group:</td>
<td>30h</td>
<td></td>
<td>24.00%</td>
</tr>
<tr>
<td>Guided activities:</td>
<td>0h</td>
<td></td>
<td>0.00%</td>
</tr>
<tr>
<td>Self study:</td>
<td>80h</td>
<td></td>
<td>64.00%</td>
</tr>
</tbody>
</table>
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Content

<table>
<thead>
<tr>
<th>English Title</th>
<th>Learning time: 125h</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Theory classes: 15h</td>
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<tr>
<td></td>
<td>Laboratory classes: 30h</td>
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<tr>
<td></td>
<td>Self study : 80h</td>
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</table>

Description:
The course presents the analysis of the fundamental elements of urban and territorial structure and dynamic, through modules divided into the following structure:

a) Urban processes and their impact on urban planning in the city. It is performed to this end, an examination of urban growth and development at worldwide, from the Industrial Revolution to the present, taking into account specific issues such as industrialization, metropolitanization, suburbanization, decentralization of economic activity, the megalopolization, etc.

b) New urban and territorial paradigms, such as understanding the urban phenomenon in the era of the global extension of the networks of urbanization, urban sprawl v / s the compactness of urban growth, the crisis and decay of urban centres, monocentric and polycentric models of growth, the current evolution of the city "post Fordism", economy and the city of knowledge, environmental, economic and social sustainability of urban structures, immigration and social segregation, gated communities, among others.

c) The analysis techniques applied to the understanding of urban processes, such as delimitation systems of territorial systems, prospective analysis (and consequential sizing) of population and employment needs, the spatial structure of cities and metropolitan areas,..., aimed at land use planning and design of urban policies.

d) The structure of the system of territorial and urban planning, as well as its determinations, face to urban management at different scales. Different planning instruments, beginning with the European framework, reviewing the European Territorial Strategy, as the Spanish and Catalan. The powers and scope of the different types of territorial, urban and sectors planning (mobility, housing...), with special attention on the determinations that affect the design of policies that affect their implementation and management.

Specific objectives:
The main objectives of this course are, firstly, encourage the conceptual understanding and critical reflection on the processes of growth and development of cities and their territorial environments, basically since the industrial revolution to the present.

Second, examine and discuss the contemporary challenges of the territorial and urban problems that have to face technicians and politicians involved in the field of planning and city management.

Finally, the matter seeks that the student knows the system of territorial and urban planning from both, a legal and regulatory point of view and in their involvement in the management. To that effect the types of plans, their characteristics and regulatory hierarchical relationships among these are exposed, all aimed at the management and implementation planning at territorial and urban scale.

Qualification system

Brief reading controls and practices, individual and/or group, will take place during the classes, in which specific aspects of the contents will be evaluated.

End jobs or workshops, individual and/or group, will be developed to be delivered after finish of classes.

Also it is considered at least 80% of class attendance.
Bibliography

Basic:


Complementary:


