



# UNIVERSITÀ DEGLI STUDI DI PALERMO

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| <b>DEPARTMENT</b>                   | Ingegneria   |
| <b>ACADEMIC YEAR</b>                | 2018/2019  |
| <b>MASTER'S DEGREE (MSC)</b>        | CIVIL ENGINEERING  |
| <b>SUBJECT</b>                      | TOWN PLANNING  |
| <b>TYPE OF EDUCATIONAL ACTIVITY</b> | C  |
| <b>AMBIT</b>                        | 20913-Attività formative affini o integrative  |
| <b>CODE</b>                         | 18633  |
| <b>SCIENTIFIC SECTOR(S)</b>         | ICAR/20  |
| <b>HEAD PROFESSOR(S)</b>            | VINCI IGNAZIO                      Professore Associato                      Univ. di PALERMO<br>MARCELLO          |
| <b>OTHER PROFESSOR(S)</b>           |  |
| <b>CREDITS</b>                      | 6  |
| <b>INDIVIDUAL STUDY (Hrs)</b>       | 96   |
| <b>COURSE ACTIVITY (Hrs)</b>        | 54   |
| <b>PROPAEDEUTICAL SUBJECTS</b>      |  |
| <b>MUTUALIZATION</b>                |  |
| <b>YEAR</b>                         | 1  |
| <b>TERM (SEMESTER)</b>              | 1° semester  |
| <b>ATTENDANCE</b>                   | Not mandatory  |
| <b>EVALUATION</b>                   | Out of 30  |
| <b>TEACHER OFFICE HOURS</b>         | VINCI IGNAZIO<br>MARCELLO<br>Thursday 10:00 13:00 Dipartimento di Architettura - Edificio 8 - II Piano (Stanza 38) |

DOCENTE: Prof. IGNAZIO MARCELLO VINCI

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| <b>PREREQUISITES</b>          | There is no mandatory prerequisite.  |
| <b>LEARNING OUTCOMES</b>      | <p>Knowledge and understanding<br/>The student will acquire awareness on the role of urban planning in relation to the social, economic and environmental transformations affecting cities and urban areas. Particularly, he will be led to understand the role and the operational features of the different planning tools in relation to the objectives of regulating land use, improving environmental sustainability, supporting urban regeneration and local development processes.</p> <p>Applying knowledge and understanding<br/>Through the presentation of different case studies and, particularly, the preparation of a project the student will be stimulated to apply the learned methodologies and techniques to different spatial, environmental and social contexts. With this aim, the project work is conceived in order to make the students able to apply their knowledge in a cognitive process of growing complexity, from the analysis and interpretation of the context up to the identification of planning solutions.</p> <p>Judgments<br/>At the end of the course the student will acquire a specific understanding in the identification of the more proper solutions to the different spatial and environmental challenge to which urban planning is called to give response. However, particularly through the presentation of case studies, he will be led to acquire awareness, by analogy and differentiation, on the complexity of urban development and the risks of adopting standard planning solutions to the different local contexts.</p> <p>Communicative skills<br/>During the lessons, the student will be stimulated to interact with the lecturer in order to develop his critical understanding on general and specific questions. He will be also asked to present, through different stages, the results of the project work and to argue the planning solutions adopted. To this aim, he is called to adopt a variety of communicative tools, including multimedia presentations and advanced drawing techniques.</p> <p>Learning skills<br/>The student will be led to recognize the relevance of long learning for the development of professional skills through a plurality of theoretical and operational references. He will be also provided of a set of practical references in order to support his planning activity in the preparation of the project work.</p> |
| <b>ASSESSMENT METHODS</b>     | <p>The final assessment is carried out through an oral exam, aimed at understanding the level of competency reached by the student on the topics treated in the lectures, and in a discussion on the project work outcomes. The evaluation is carried out after a unique final exam, preceded by a review of the project work quality, and the mark resulting from an assessment of the two components being evaluated. Being the mark expressed in thirty (from 18 to 30, with the addition of an eventual honor), students will be awarded of a maximum of 15/30 for the evaluation of the workshop results and a maximum of 15/30 for the evaluation of the theoretical skills. Being allowed group project works, the oral exam on the topics covered by the lectures could lead to unequal marks among the candidates. The evaluation criteria are:</p> <ol style="list-style-type: none"><li>1. Knowledge of the topics treated in the lectures</li><li>2. Quality of the project</li><li>3. Ability to argue the project choices</li><li>4. Communicative skills</li><li>5. Independent judgment</li></ol>  |
| <b>EDUCATIONAL OBJECTIVES</b> | <p>The course objective is providing a set of theoretical, analytical and interpretative tools in order to make the student able to develop a planning project at the urban scale, paying attention both to its spatial and socio-economic implications. The student will develop these skills through a learning process that is based on the following two main educational phases:</p> <ul style="list-style-type: none"><li>• lectures, from which the student will acquire the theoretical, normative and technical bases of the different urban planning tools;</li><li>• project work, during which the student will be called to apply the techniques learned to a practical case of urban transformation.</li></ul>   |
| <b>TEACHING METHODS</b>       | <p>The teaching activities are carried out through lessons and practical activities aimed at the development of an urban project. Both the lectures and practical activities are supported by multimedia presentation and documents, later made available in the lecturer's personal web site.</p>   |
| <b>SUGGESTED BIBLIOGRAPHY</b> | <p>Dematteis G., Lanza C. (2011), <i>Le città del mondo. Una geografia urbana</i>, UTET, Torino.</p> <p>European Commission (2009), <i>Promoting Sustainable Urban Development in Europe</i>, Bruxelles.</p> <p>Filpa A., Talia M. (2009), <i>Fondamenti di governo del territorio</i>, Carocci, Roma.</p> <p>Gabellini P. (2001), <i>Tecniche urbanistiche</i>, Carocci, Roma.</p> <p>Gaeta L., Janin Rivolin U., Mazza L. (2013), <i>Governo del Territorio e Pianificazione spaziale</i>, Citta' Studi Edizioni, Novara.</p>  |

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|  | <p>Leone N.G. (2004), Elementi della città e dell'urbanistica, Palumbo, Palermo.</p> <p>Salzano E. (1998), Fondamenti di Urbanistica, Laterza, Roma-Bari.</p> <p>Selicato F., Rotondo F. (2010), Progettazione urbanistica. Teorie e tecniche, McGraw-Hill, Milano.</p> <p>Tanese A., Di Filippo E., Rennie R. (a cura di) (2006), La pianificazione strategica per lo sviluppo dei territori, Rubbetino, Soveria Mannelli.</p> <p>Vinci I. (2002), Politica urbana e dinamica dei sistemi territoriali, Franco Angeli, Milano.</p> <p>Vinci I. (a cura di) (2010), Pianificazione strategica in contesti fragili, Alinea, Firenze.</p> |
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## SYLLABUS

| Hrs | Frontal teaching   |
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| 4   | 1. Introduction (learning activities presentation; socio-economic, environmental and institutional factors affecting contemporary urban development; urban morphologies and planning challenges; Scales of spatial planning) |
| 4   | 2. Urban planning and land-use regulation (urban plans at different spatial scales, land-use plans and masterplans, normative framework)   |
| 4   | 3. Urban planning and environmental protection (the concept of sustainable development, environmental and landscape planning, Local Agenda 21 and SEAP, environmental assessment procedures)                                 |
| 4   | 4. Urban planning as support to local development (the urban regeneration concept, the EU urban community initiatives, the integrated approach within urban policy, case studies)  |
| 4   | 5. The strategic dimension of urban planning (origins and motivations of cities strategic planning, strategic planning as a process, case studies)   |
| 4   | 6. Seminars  |
| Hrs | Practice   |
| 10  | Project work - Phase 1: Analysis of the context focused by the intervention  |
| 10  | Project work - Phase 2: Identification of the planning objectives and strategic masterplan   |
| 10  | Project work - Phase 3: Physical masterplan and urban design detailing   |