



| Teaching Guide | | | | |
|---------------------|--|--------|--|---------|
| Identifying Data | | | | 2019/20 |
| Subject (*) | Urbanism 5 | Code | 630G02042 | |
| Study programme | Grao en Estudos de Arquitectura | | | |
| Descriptors | | | | |
| Cycle | Period | Year | Type | Credits |
| Graduate | 1st four-month period | Fifth | Obligatory | 6 |
| Language | SpanishGalicianEnglish | | | |
| Teaching method | Face-to-face | | | |
| Prerequisites | | | | |
| Department | Proxectos Arquitectónicos, Urbanismo e Composición | | | |
| Coordinador | Rodriguez Alvarez, Jorge | E-mail | jorge.ralvarez@udc.es | |
| Lecturers | Diaz Revilla, Alfonso Llamazares Castro, Jesus Rodriguez Alvarez, Jorge Seoane Prado, Enrique | E-mail | a.diaz.revilla@udc.es j.llamazares@udc.es jorge.ralvarez@udc.es enrique.seoane@udc.es | |
| Web | | | | |
| General description | The development of the course through theoretical classes and workshop will be jointly held with Architectural Projects . It is intended to transform an infill site. It will tackle the challenge of acting on spaces with poor or none accessibility, where the integration of uses and building types shall propose rehabilitative responses in the built environment | | | |

| Study programme competences / results | |
|---------------------------------------|---|
| Code | Study programme competences / results |
| A34 | Ability to design, implement and develop sketches and drafts, concept designs, developed designs and technical designs (T) |
| A35 | Ability to design, implement and develop urban projects (T) |
| A36 | Ability to design, implement and develop construction management (T) |
| A37 | Ability to develop functional programs for buildings and urban spaces (T) |
| A39 | Ability to remove architectural barriers (T) |
| A41 | Ability to solve the passive environmental conditioning, including thermal and acoustic insulation, climate control, energy efficiency and natural lighting (T) |
| A42 | Ability to catalogue the built and urban heritage and plan its protection (T) |
| A44 | Ability to develop civil work projects (T) |
| A45 | Ability to design and execute urban layouts and urbanization, gardening and landscape design projects (T) |
| A46 | Ability to apply standards and urban regulations |
| A47 | Ability to develop environmental, landscape and environmental impact correction studies (T) |
| A52 | "Adequate knowledge of ecology, sustainability and the principles of conservation of energy and environmental resources. " |
| A53 | Adequate knowledge of the architectural, urban and landscape traditions of Western culture, as well as their technical, climatic, economic, social and ideological foundations. |
| A55 | Adequate knowledge of the relationship between cultural patterns and social responsibilities of the architect |
| A58 | Adequate knowledge of the methodological foundations of territorial, metropolitan and urban planning. |
| A59 | Knowledge of the mechanisms of development and management of urban planning at all scales |
| A60 | Knowledge of the legal framework in terms of civil laws, administration, planning, construction and building industry according to the professional practice |
| A61 | Knowledge of feasibility analysis and the surveillance and coordination of integrated projects |
| A62 | Knowledge of real estate valuation |
| A63 | Development, presentation and public review before a university jury of an original academic work individually elaborated and linked to any of the subjects previously studied |
| B4 | Students can communicate information, ideas, problems and solutions to both specialist and non-specialist public |
| B5 | Students have developed those learning skills necessary to undertake further studies with a high level of autonomy |
| B8 | Knowing the urbanism and techniques applied in the planning process |



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| B11 | "Knowing the industries, organizations, regulations and procedures involved in translating design concepts into buildings and integrating plans into planning "; |
| B12 | Understanding the relationship between people and buildings and between these and their environment, and the need to relate buildings and the spaces between them according to the needs and human scale |
| C1 | Adequate oral and written expression in the official languages. |
| C3 | Using ICT in working contexts and lifelong learning. |
| C4 | Exercising an open, educated, critical, committed, democratic and caring citizenship, being able to analyse facts, diagnose problems, formulate and implement solutions based on knowledge and solutions for the common good |
| C5 | Understanding the importance of entrepreneurial culture and the useful means for enterprising people. |
| C6 | Critically evaluate the knowledge, technology and information available to solve the problems they must face |
| C7 | Assuming as professionals and citizens the importance of learning throughout life |
| C8 | Valuing the importance of research, innovation and technological development for the socioeconomic and cultural progress of society. |

| Learning outcomes | | | |
|---|---------------------------------------|-----|----|
| Learning outcomes | Study programme competences / results | | |
| To learn how to organize the construction process of urbanity and to deepen the definition of urban activities, giving priority to the treatment of the form and the space of urban design, perfecting the ability of the student to intervene on the different urban, suburban or rural sites, projecting its growth, improvement or transformation, putting it in relation to normative, constructive aspects and of temporal and economic planning | A34 | B4 | C1 |
| | A35 | B5 | C3 |
| | A36 | B8 | C4 |
| | A37 | | C5 |
| | A39 | | C7 |
| | A41 | | |
| | A42 | | |
| | A44 | | |
| | A45 | | |
| | A46 | | |
| | A47 | | |
| | A52 | | |
| | A53 | | |
| Establish criteria for projecting outdoor space | A55 | B11 | C6 |
| | A58 | B12 | C8 |
| | A59 | | |
| | A60 | | |
| | A61 | | |
| | A62 | | |
| | A63 | | |



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| Acquire knowledge to lead and coordinate the material execution of the urban development works | A34 | B4 | C1 |
| | A35 | B5 | C3 |
| | A36 | B8 | C4 |
| | A37 | B11 | C5 |
| | A39 | B12 | C6 |
| | A41 | | C7 |
| | A42 | | C8 |
| | A44 | | |
| | A45 | | |
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| A62 | | | |
| A63 | | | |

| Contents | |
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| Topic | Sub-topic |
| 1. Understand and analyze the existing reality and expose it based on techniques of representation that prioritize the capacity for synthesis and communication. | <ul style="list-style-type: none"> - Synthetic and analytical representation of the territory through sketches, diagrams, diagrams, perspectives, plants and sections, etc. - Representation and analysis of the territory through real and virtual models. - Representation and complex and sectoral information of the territory through blogs, platforms, video photographs, collages, etc. |
| 2. Propose a structured program and develop proposals | Brief and land use, urban development and basic conditions of the transforming operation. |
| 3, Preparation of proposals, strategies or projects.. | <ul style="list-style-type: none"> - Strategic plans. - Special plans (internal reform, protection, environmental, etc.) urban planning. |
| Formalization of the group proposal and the individual proposal | <ul style="list-style-type: none"> - Urban projects. - Urbanization projects. - Projects of conditioning of outer space. |

| Planning | | | | |
|-----------------------|--|--------------------------------------|-------------------------------|-------------|
| Methodologies / tests | Competencies / Results | Teaching hours (in-person & virtual) | Student?s personal work hours | Total hours |
| Case study | C5 C6 C7 C8 | 5 | 5 | 10 |
| Workshop | A34 A35 A36 A37 A39 A41 A42 A44 A45 A46 A47 A52 A53 A55 A58 A60 A61 A62 A63 B4 B5 B8 B11 C1 C3 C4 | 27 | 54 | 81 |
| Directed discussion | B8 B11 B12 C1 C3 C4 C5 C7 C8 | 8 | 16 | 24 |



| | | | | |
|--------------------------------|--|----|----|----|
| Guest lecture / keynote speech | A52 A53 A55 A58 A59 A61 B8 B11 | 11 | 11 | 22 |
| Document analysis | C3 C4 C5 C8 | 1 | 2 | 3 |
| Objective test | A35 A52 A53 A55 A58 A59 A60 B8 C1 | 1 | 2 | 3 |
| Practical test: | A34 A35 A36 A37 A39 A41 A42 A45 A46 A47 A52 A53 A59 | 3 | 3 | 6 |
| Personalized attention | | 1 | 0 | 1 |

(*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

| Methodologies | Description |
|--------------------------------|---|
| Case study | The theoretical concepts presented in the lectures will be applied in a short original essay through the study and analysis of cases |
| Workshop | Workshop sessions will be dedicated to the practical work in the classroom. It will consist of an analysis project in intervention in a field with environmental interest. It will be done in groups, with an individual part. |
| Directed discussion | Public presentations will serve as a starting point for discussions on topics relevant to the subject |
| Guest lecture / keynote speech | Each week, a topic will be introduced by the lecturers. The student will have to supplement this presentation with the reading of recommended bibliography extracts. Attendance to lectures is mandatory, with a maximum of 20% of unexcused absences admitted. Sessions will be strictly timely. The use of mobile devices (such as computers, tablets or phones) will not be allowed during the course of the class |
| Document analysis | An important part of coursework consists in selecting the relevant information and data. Therefore, the student should be familiar with the instruments of the discipline. |
| Objective test | Theoretical examination of the contents explained in the class and / or in the bibliography of the subject |
| Practical test: | A test, based on a possible real case of intervention on the landscape. It will be done individually in the designated classroom |

Personalized attention

| Methodologies | Description |
|-----------------------------|---|
| Practical test: Workshop | The coursework will be carried out according to the tutor's guidelines. The workshops will be developed in the classroom where the tutor will be available to answer the doubts. The follow-up of activities will be carried out in tutorials . Common questions can be resolved through moodle |

Assessment

| Methodologies | Competencies / Results | Description | Qualification |
|-----------------|--|--|---------------|
| Practical test: | A34 A35 A36 A37 A39 A41 A42 A45 A46 A47 A52 A53 A59 | The capacity for effective interpretation and resolution of the proposed problem will be assessed, taking into account local, programmatic, environmental, topographic or regulatory restrictions. | 15 |
| Case study | C5 C6 C7 C8 | A brief research work will be carried out on topics relevant to the subject. Objectivity, critical review ability, originality, use of conventions in the writing of scientific articles and use of the bibliography will be evaluated. Plagiarism will be a reason for suspending the subject according to UDC regulations | 10 |



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| Workshop | A34 A35 A36 A37 A39 A41 A42 A44 A45 A46 A47 A52 A53 A55 A58 A60 A61 A62 A63 B4 B5 B8 B11 C1 C3 C4 | Active participation in the classroom, attendance, adequate progress in work and the fulfillment of the specific objectives proposed in the workshop statement will be evaluated. The works will include a part of the group and an individual development. Each of these parts will be assessed independently and both parties will have to approve. | 50 |
| Directed discussion | B8 B11 B12 C1 C3 C4 C5 C7 C8 | Participation will be evaluated actively, critical attitude, architectural and urban culture and the ability to articulate and expose public-motivated opinions. | 5 |
| Guest lecture / keynote speech | A52 A53 A55 A58 A59 A61 B8 B11 | Assistance and assimilation and application of the contents will be evaluated in class practices and case studies. Attendance is mandatory. In magisterial classes the use of mobile devices or computers will not be allowed unless instructed by the teacher | 5 |
| Objective test | A35 A52 A53 A55 A58 A59 A60 B8 C1 | The acquisition of the theoretical knowledge introduced in the course will be evaluated | 15 |

Assessment comments

In the general assessment of the course, the following aspects will be present: class attendance and workshops, assessment of group work, individual work evaluation, objective test.

Class attendance (minimum 80%) and passing the practical test, course sheet and objective test are fundamental to pass the subject.

In the case of suspension of one of the parties, the latter must be repeated in the second opportunity

The objective test and the practical test are part of the final exam, so that suspending a part must be repeated the full examination of the second opportunity (practical test plus objective test)

Sources of information



| | |
|-----------------------------|--|
| <p>Basic</p> | <p>Os profesores da materia indicarán as lecturas obrigatorias para o seguemento das clases teóricas e discusións dirixidas. A seguinte lista conforma a bibliografía básica da materia</p> <p>Alexander, C. (1980). El lenguaje de patrones. Barcelona: Gustavo Gili</p> <p>Álvarez Blanco, A. Carro Patiño, I. & Vázquez Suarez, E. eds. (2018) DRU 8: O Salnés-Cambados Universidade da Coruña</p> <p>Ashihara, Y. (1982). El diseño de espacios exteriores. Barcelona: Gustavo Gili</p> <p>Bentley, Alcock, Murrain McGlynn, Smith (1999). Entornos vitales. Hacia un entorno urbano y arquitectónico más humano. Manual Práctico. Barcelona: Gustavo Gili</p> <p>Busquets, J & Correa, F. (2006). Ciudades X Formas. Una nueva mirada hacia el proyecto urbanístico. Harvard University</p> <p>Corominas, M. Sabaté, J. Sotoca, A. (2007). Planes muy especiales. COAC Escola Sert</p> <p>DALDA ESCUDERO, Juan Luís. DRU-2. Teoría y método del planeamiento general y urbano. A Coruña: Departamento de Proxectos Arquitectónicos e Urbanismo, Universidade da Coruña, 2009</p> <p>Falcón, A. (2007). Espacios verdes para una ciudad sostenible. Planificación, proyecto y gestión. Barcelona: Gustavo Gili</p> <p>Fernández Prado, M. Rodríguez Álvarez, J. ed. (2013) DRU 7: Miscelánea Urbanística: Experiencias, retos e instrumentos. Departamento de Proxectos Arquitectónicos y Urbanismo. Universidade da Coruña</p> <p>Gehl, J. (2006). La humanización del espacio urbano. La vida social entre los edificios. Barcelona: Editorial Reverté</p> <p>GONZÁLEZ-CEBRIÁN TELLO, José Juan. DRU-3. Intervención sobre el Medio Rural en Galicia. Una aproximación a su realidad territorial. A Coruña: Departamento de Proxectos Arquitectónicos e Urbanismo, Universidade da Coruña, 2009</p> <p>GONZÁLEZ HARGUINDEY, Javier; PEÑA PEREDA, Felipe (coords.). DRU-6. Juan Luís Dalda Escudero. Urbanista. A Coruña: Departamento de Proxectos Arquitectónicos e Urbanismo, Universidade da Coruña, 2011</p> <p>Herce, M. (2009). Sobre la movilidad en la ciudad. Barcelona: Editorial Reverté</p> <p>INSS (1994). Manual de accesibilidad. Madrid: Ministerio de Asuntos Sociales</p> <p>Lynch, K. (1980). La planificación del sitio. Barcelona: Gustavo Gili</p> <p>McCluskey, J. (1985). El diseño de vías urbanas. Barcelona: Gustavo Gili</p> <p>McCluskey, J. (1987). Parking. Manual de diseño ambiental. Barcelona: Gustavo Gili</p> <p>Rodríguez Álvarez, J. ed. (2017) DRU 9: La ciudad y su territorio: Líneas de investigación del grupo GCeT. Universidade da Coruña</p> <p>RODRÍGUEZ ÁLVAREZ, Jorge (coord.). DRU-5. Vilagarcía. Muestra de los Trabajos de Taller. Curso 2009-10. A Coruña: Departamento de Proxectos Arquitectónicos e Urbanismo, Universidade da Coruña, 2011</p> <p>Solá-Morales, M. (1987). El proyecto urbano I. UR N5 Solá-Morales, M. (1988). El proyecto urbano II. UR N6</p> |
| <p>Complementary</p> | |

Recommendations

Subjects that it is recommended to have taken before

Urbanism 4/630G02032

Subjects that are recommended to be taken simultaneously

Architectural Design 9/630G02041

Subjects that continue the syllabus

Landscape and Sustainable Habitat/630G02056

Contemporary Urban Actions/630G02060

Other comments

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.