UNIVERSIDADE DA CORUÑA

Teaching Guide				
Identifying Data				2021/22
Subject (*)	Landscape and Sustainable Habitat		Code	630G02056
Study programme	Grao en Estudos de Arquitectura			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	2nd four-month period	Fifth	Optional	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	Rodriguez Alvarez, Jorge Rodriguez Blanco, Emilio	E-mail	jorge.ralvarez@udc.es emilio.rblanco@udc.es	
Web	http://paisaxeetsac.blogspot.com.es/ https://www.facebook.com/pages/Paisaxe-e-Habitat			
General description	The course focuses on the landscape resulting from human interventions within its habitat. The landscape concept implies the existence of a cultural experience; the landscape must be interpreted or experienced. Only through the knowledge of the relationships that are established between landscape and experience, as well as those of the agents causing these relationships, will it be possible to understand the existing landscape and its creative renewal. Campos Venuti defined the habitat as ?the whole system, complex and extensive, which in society is found above and below the simple dwelling (?). The habitat model must encompass as a whole all those environmental structures, artificial and natural, which in cities and the countryside host the development of life in common and determine its character?(Campos Venuti, 1981: 177). The course tries to introduce the student to the knowledge of the elements that form the landscape and the relationships that are established between them. The objective is to provide students with the necessary tools to integrate landscape and environmentally sustainable criteria in their architecture and urban planning projects, as well as to collaborate effectively in multidisciplinary teams in processes of habitat transformation, understood as the space in which humans dwell, works and uses.			

Contingency plan	1. Modifications in the contents -No realize changes 2. Methodologies *teaching Methodologies that keep ANALYSIS OF DOCUMENTARY SOURCES. INITIAL ACTIVITIES. *Teaching methodologies that modify SESSION MAXISTRAL. Adaptation of the form presencial traditional to the form no presencial through the platform Teams WORKS TUTELADOS. It realized the guardianship of said work through the digital platforms aportadas by the UDC. (Teams) By means of titorías agreed with each team MIXED PROOF. No it will realize the mixed proof final. The evaluation of this knowledge incorporates the methodology of the Works Tutelados Mechanisms of attention customized to the students will be by Teams or Moodle 3. Mechanisms of attention customized to the students %u2013 Email: Daily, of Monday to Friday and in time lectivo. Of use pra do queries, request virtual meetings to resolve doubts and do the tracking of the works tutelados. %u2013 Moodle: Daily, of Monday to Friday and in time lectivo. Second the need of the alumando. They have of %u201Cforos thematic associated to the modules%u201D of the subject, to formulate the necessary queries. Also there is %u201Cforos of specific activity%u201D to develop the %u201CDiscusións directed%u201D, through the that puts in practice the development of theoretical contents of the subject. %u2013 Teams: 1 weekly session in big group stop the advance of the contained theoretical and of the works tutelados in the franxa time that has assigned the subject in the calendar of classrooms of the school. Of 1 to 2 weekly sessions in small group (tie 6 people), stop the tracking and support in the realization of the %u201Ctraballos tutelados%u201D. This dynamics allows to do a tracking normalized and adjusted the needs of the learning of the alumando to develop the work of the subject. 4. Modifications in the evaluation Works tutelados (100%): In relation with the works tutelados will value: %u2013 The adecuación methodological of the proposals of work. %uF02D To depth of the contained. %uF02D The dominance of the applications used in the manufacture of the proposals. %uF02D The treatment of an own language of the disciplinary context. %uF02D To utilization of complementary documentary sources and current. %uF02D To presentation and the clarity of the exhibition. *Observations of evaluation: they Keep the same that figure in the teaching guide, except that: %uF02D- The references to the cómputo of the assistance, that only will realize concerning the sessions that there was tie the moment in the that suspended the activity presencial. 1. SITUATIONS: IT) Students with dedicación complete: Assistance/participation in the activities of minimum kind of 80%: it) Manufacture and presentation of the works of small group (100%). B) Students with recognition of dedicación in time partial and metes out academic of exemption of assistance, second establishes the "NORM THAT REGULATES The REGIME OF DEDICACIÓN To The STUDY DOS STUDENTS OF DEGREE IN The UDC (Arts. 2.3; 3.b And 4.5) (29/5/212): Assistance/participation in the activities of minimum kind of 80%: it) Manufacture and presentation of the works of small group (100%). 2. REQUIREMENTS TO SURPASS The SUBJECT: 1. Assist and take part regularly in the activities of the kind. 2. Obtain a punctuation of 50% of the weight of each of the parts object of evaluation. 3. Deliver and expose the works tutelados in the date that indicate .

4. The opportunity of July will be subjected to the same criteria that it of June.

5. Modifications of the bibliography or webgrafía
No will realize changes.

5. Modifications to the bibliography or webgraphy

Study programme competences / results	
Code	Study programme competences / results
A2	Ability to conceive and represent the visual attributes of objects and master proportion and drawing techniques, including digital ones (T)
A3	Knowledge of spatial representation systems and projections adapted and applied to architecture
A4	Knowledge of the analysis and the theory of form and the laws of visual perception adapted and applied to architecture and urbanism
A17	Ability to apply technical and construction standards and regulations
A19	Ability to maintain the finished work
A20	Ability to assess the construction works
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)
A40	Ability to practise architectural criticism
A41	Ability to solve the passive environmental conditioning, including thermal and acoustic insulation, climate control, energy efficiency and natural lighting (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)
A51	Adequate knowledge of the methods of studying the social requirements, living conditions, habitability and basic housing programmes
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 foundationsxicos.
A54	Adequate knowledge of aesthetics and theory and history of fine arts and applied arts
A55	Adequate knowledge of the relationship between cultural patterns and social responsibilities of the architect
A57	Adequate knowledge of urban sociology, theory, economics and history
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
A67	Coñecemento avanzado de aspectos específicos da materia de Proxectos no contemplados expresamente na Orde EDU/2075/2010
A69	Coñecemento avanzado de aspectos específicos da materia de Urbanismo no contemplados expresamente na Orde EDU/2075/2010
B1	Students have demonstrated knowledge and understanding in a field of study that is based on the general secondary education, and is usually at a level which, although it is supported by advanced textbooks, includes some aspects that imply knowledge of the forefront of their field of study
B2	Students can apply their knowledge to their work or vocation in a professional way and have competences that can be displayed by means of elaborating and sustaining arguments and solving problems in their field of study
B3	Students have the ability to gather and interpret relevant data (usually within their field of study) to inform judgements that include reflection on relevant social, scientific or ethical issues
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
B6	Knowing the history and theories of architecture and the arts, technologies and human sciences related to architecture
B7	Knowing the role of the fine arts as a factor that influences the quality of architectural design
B8	Knowing the urbanism and techniques applied in the planning process
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		
Ability to analyze and study the landscape and recognize its environmental and cultural values.	A34 A35 A41 A45 A47 A51 A52 A55 A58 A67 A69	B1 B2 B3 B4 B5	C1 C3 C4 C5 C6 C7 C8
Ability to assess the environmental and landscape impact of the architectural and urban project (visual, water cycle, energy, mobility ...)	A2 A3 A4	B7 B8	C6
Knowledge of the relationship between society and landscape throughout history.	A44 A45 A46 A47		
Effective integration of environmental and aesthetic criteria in the design of open spaces, streets, squares, parks and gardens.	A17 A19 A20 A36 A40 A53		
Knowledge of urban and landscape ecology at the level necessary for collaboration in special and strategic plans, such as Green Infrastructures.	A40	B4 B5	C1 C5 C6
Know how to use the tools and methodologies of landscape analysis and environmental planning (spatial analysis, wind, solar radiation, comfort, microclimate ...)	A37 A39 A54 A57 A59	B6	
Development of the capacity for critical and constructive observation in relation to the urban environment.	A57	B6 B7 B8	

Contents	
Topic	Sub-topic
BASIC PRINCIPLES AND INTRODUCTION	1. Presentation and general introduction to the course 2. Landscape and Sustainable Habitat: Introduction 3. Tools and methodology I 4. Tools and methodology II

LANDSCAPE	5. The landscape project 6. Theory and meaning in the landscape 7. Landscape in History: Paganism 8. The landscape in history: Monotheism 9. Landscape in history: Humanism 10. The landscape in history: Capitalism
SUSTAINABLE HABITAT	11. Climate as a generator of landscape 12. Thermal comfort in open spaces 13. Energy and sustainable habitat 14. Water and landscape 15. Vegetation, habitat and landscape

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A51 A52 A53 A55 A58 A67 A69 B8	13	26	39
Supervised projects	A17 A19 A20 A34 A35 A36 A41 A44 A45 A46 A47 B3 B4 B5 C1 C4 C6	30	60	90
Document analysis	A40 B1 B2 C7 C8	1	4	5
Mixed objective/subjective test	A37 A39 A40 A45 A46 A47 A51 A52 A53 A54 A55 A57 A58 A59 A67 A69 B2 B3 B6 B7 B8 C1	4	8	12
Introductory activities	A2 A3 A4 B7 C3 C5	2	1	3
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
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
Supervised projects	Two hours a week will be dedicated to the practical work in the classroom. Short practices will be alternated with the course work. The latter will consist of an analysis project in intervention in a field with environmental interest. It will be done in groups, with an individual part.
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.
Mixed objective/subjective test	Questions raised with the contents seen in the classroom and multiple response options where only one is correct and a test, based on a possible real case of intervention on the landscape. It will be done individually in the designated classroom
Introductory activities	The first two weeks of class will consist of the presentation of the contents, the development of the topic and the kick off team coursework

Personalized attention

Methodologies	Description
Supervised projects Introductory activities Document analysis	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**
Supervised projects	A17 A19 A20 A34 A35 A36 A41 A44 A45 A46 A47 B3 B4 B5 C1 C4 C6	The level of understanding of the principles taught in the course will be assessed. Demonstration of innovative and creative thinking. Adherence to the course brief and instructions. Clear presentation of results. Graphic ability to visually convey the project as well as the ability to communicate both verbally and non-verbally	70
Mixed objective/subjective test	A37 A39 A40 A45 A46 A47 A51 A52 A53 A54 A55 A57 A58 A59 A67 A69 B2 B3 B6 B7 B8 C1	Responsible use of the tools and knowledge in the topics taught in the course. Innovative creative thinking. Observation and critical capacity. Graphic presentation skills. Knowledge and understanding of the principles introduced in the course will be valued	30

Assessment comments

In
the general evaluation of the course, the following aspects will be evaluated:
attendance and participation in class and workshops, evaluation of course work,
final test.
To
pass the course it is necessary to meet the following criteria:
-
Class attendance: minimum 80% of lecture sessions and 80% of interactive
sessions. In addition, the teaching staff will assess whether the assistance is
active by participating in the lecture sessions (answering the questions
posed), in team tutorials, or individually. Active participation may be valued
as an increase in the final grade.
-
Course Work: 5/10
-
Final test: 5/10
The
grade of the first opportunity will be "Fail" if the assignments have
been submitted, but not passed or "Not Submitted" (No Presentado) if none
assessable elements have been submitted. However, active participation in
class, during the school period, demonstrating an adequate knowledge of the
contents of the subject may be valued by the teaching staff in borderline situations
of the test.
For
students with recognition of part-time dedication according to the ?Norm that
regulates the regime of dedication to study of undergraduate students at the
UDC?, the minimum class attendance will be 50%, both in the interactive
sessions and in the expository sessions. The rest of the evaluation elements
will be the same as in the general case. In relation to the final test, the
provisions in article 12 of the "Norms for Evaluation, Review and Claim of
Qualifications for University Master's and Bachelor's Studies at the UDC"
(consolidated version 2017) will be taken into account.
Second
opportunity:
To
pass the course in the second opportunity, it is necessary to repeat or improve
the assessable items which did not pass.
The
course work shall be re-elaborated, corrected or completed according to the
indications of the tutors of the matter. For this, it is recommended that teams
make use of academic tutorials with their corresponding tutors. The works will
be delivered, at most, up to one week before the second chance exam.
Students
who have pending work not delivered will not be able to take the exam.
To
pass the subject on the second chance, it is necessary to achieve a 5 each of
the assessable elements:
-
Tutored jobs: 5/10
-

Mixed test: 5/10
Students
who have not met the minimum class attendance during the school period will not be eligible for a positive evaluation.
The
grade of the first opportunity will be "Fail" if the assignments have been submitted, but not passed or "Not Submitted" (No Presentado) if none assessable elements have been submitted. However, active participation in class, during the school period, demonstrating an adequate knowledge of the contents of the subject may be valued by the teaching staff in borderline situations of the test.
In
the case of adaptation due to COVID, the contingency plan will be addressed

Sources of information	
Basic	[B] Disponible en la biblioteca de la UDC Ábalos, I. (2008) Atlas pintoresco .Vol. 1: el observatorio. Gustavo Gili [B] Ábalos, I. (2008) Atlas pintoresco .Vol. 2: los viajes. Gustavo Gili [B] Ábalos, I. (2009) Naturaleza y artificio : el ideal pintoresco en la arquitectura y paisajismo contemporáneos. Gustavo Gili [B] Álvarez, D. (2007) El Jardín en la arquitectura del siglo XX . Editorial Reverté [B] Batlle, E. (2011) El jardin de la metrópoli. Gustavo Gili. Barcelona Dorothée, I. (1993) The modernist garden in France . Yale University (2008) Cusveller,S. Dijk,O. Schipper, K. ed. (2000) Remaking NL City, Landscape, Infrastructure. Amsterdam : S@M [B] Galí-Izard, T. (2005) Los mismos paisajes ideas e interpretaciones . Gustavo Gili [B] Jellicoe G. y S. (1995) El Paisaje del Hombre Barcelona G.G. [B] Laurie, M. (1995) Introducción a la Arquitectura del Paisaje Barcelona G.G. [B] Levy, Leah (1998) Kathryn Gustafson. Sculpting the land . Spacemakers Press [B] Lynch, K. (1980) La Planificación del Sitio Barcelona G.G. 1980 [B] McGrath, B. (2008) Digital Modelling for Urban Design . Wiley [B] Mertens, E. (2010) Visualizing Landscape Architecture . Birkhäuser [B] Molinari, L. ed. (2000) West 8 . Skira [B] Montero, M. I. (2001) Burle Marx el paisaje lírico . GG [B] Navés Viñas, F. (1992) El Arbol en la Jardineriay el Paisajismo Barcelona Omega 1992 [B] Nielsen, B. Dam, T. Thompson, L. (2007) European Landscape architecture:best practice in detailing. Rouletdge [B] Reid, G.W. (2002) Landscape Graphics . Plan, section and Perspective Drawing of Landscape Spaces. Watson Guptill. New York [B] Rodríguez Álvarez, J. (2015) Apuntes de paisaje: el análisis ambiental. Repronor [disponibles en reprografía] Shannon, K. Smets, M. (2010) The Landscape ofContemporary Infrastructure . Nai Publishers Simonds, J. O. (1978) Earthscape . A Manual of Environmental Planning. McGrawHill [B] Simonds, J.O. (1961) Landscape Architecture New York McGraw Hill 1961 [B] Steenbergen, C. (2008) Composing Landscapes . Analysis, Typology and Experiments for design. Birkhäuser Steenbergen, C. Reh, W. (2001) Arquitectura y Paisaje . La proyectación de los grandes jardines europeos. Gustavo Gili [B] Swaffield, S. (2002 ed.) Theory in Landscape Architecture . University of Pennsylvania PressVaccarino, R. (2000) Roberto Burle Marx. Landscapes Reflected . Princeton Architectural Press [B] Waterman, T. (2009) Principios Básicos de la Arquitectura del Paisaje . Nerea Académica [B]

Complementary	[B] Disponible en la biblioteca de la UDC· Ábalos, I. (2008) Atlas pintoresco .Vol. 1: el observatorio. Gustavo Gili [B]· Ábalos, I. (2008) Atlas pintoresco .Vol. 2: los viajes. Gustavo Gili [B]· Ábalos, I. (2009) Naturaleza y artificio : el ideal pintoresco en la arquitectura y paisajismo contemporáneos. Gustavo Gili [B]· Álvarez, D. (2007) El Jardín en la arquitectura del siglo XX . Editorial Reverté [B]· As Paisaxes do Home· Bell, P.A. Greene, T.C. Fisher, J.D. Baum, A. (2001) Environmental Psychology. Harcourt [B]· Bell, S. (1999) Landscape : Patttern, Perception and Process. London E.& Spon [B]· Bruse, M. (v.2009) Envi-met 3.1 Manual· Celik, Z. Favro, D. Ingersotl, R. (1994) Streets. Critical perspectives on Public Space . University of California Press [B]· Constant, C. (1994) The woodland cemetery toward a spiritual landscape, Erik Gunnar Asplund and Sigurd Lewerentz, 1915-1961. Byggförlget [B]· Corner, J. ed. (1999) Recovering Landscape . Essays in Contemporary Landscape Architecture. Princeton University Press [B]· Forman, R.T.T. (1999) Land mosaics . The ecology of landscapes and regions. Cambridge University Press [B]· Givoni, B. (1998). Climate Considerations in Building and Urban Design . Van Nostrand Reinhold. [B]· Givoni, B. (1998). Climate Considerations in Building and Urban Design . Van Nostrand Reinhold. [B]· Habitar a paisaxe· Kirschenmann, J.C. (1984) Vivienda y Espacio Público. Rehabilitación Urbana y Crecimiento de la Ciudad. Gustavo Gili [B]· Krier, R. (2003) Town Spaces. Contemporary Interpretations in Traditional Urbanims. Birkhäuser· Laurie, M. (1995) Introducción a la Arquitectura del Paisaje Barcelona G.G. [B]· López de Asiaín, J. (2001) Arquitectura, ciudad, medio ambiente . Sevilla: Universidad de Sevilla [B]· Lynch, K. (1966) La Imagen de la Ciudad Ed. Infinito 1966 [B]· Lynch, K. (1980) La Planificación del Sitio Barcelona G.G. 1980 [B]· Marshall, S. (2005) Street Patterns . Spon Press [B]· McGrath, B. (2008) Digital Modelling for Urban Design . Wiley [B]· Mertens, E. (2010) Visualizing Landscape Architecture . Birkhäuser [B]· Montero, M. I. (2001) Burle Marx el paisaje lírico . GG [B]· Moughtin, C. (1992) Urban Design. Street and Square. Butterworth Architecture [B]· Nielsen, B. Dam, T. Thompson, L. (2007) European Landscape architecture:best practice in detailing. Rouletdge [B]· Pozueta Echavarri, J. dir. (2009) La Ciudad Paseable. CEDEX [B]· Prinz, D. (1983) Planificación y configuración Urbana Barcelona G.G. 1983 [B]· Reid, G.W. (2002) Landscape Graphics . Plan, section and Perspective Drawing of Landscape Spaces. Watson Guptill. New York [B]· Simonds, J. O. (1978) Earthscape . A Manual of Environmental Planning. McGrawHill [B]· Simonds, J.O. (1961) Landscape Architecture New York McGraw Hill 1961 [B]· Steenbergen, C. (2008) Composing Landscapes . Analysis, Typology and Experiments for design. Birkhäuser· Steenbergen, C. Reh, W. 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Recommendations
Subjects that it is recommended to have taken before
Urbanism 4/630G02032 Architectural Design 8/630G02036 Urbanism 5/630G02042
Subjects that are recommended to be taken simultaneously
Subjects that continue the syllabus
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.