



Teaching Guide				
Identifying Data				2020/21
Subject (*)	Landscape Representation		Code	630G03011
Study programme	Grao en Paisaxe			
Descriptors				
Cycle	Period	Year	Type	Credits
Graduate	1st four-month period	Second	Basic training	6
Language	Spanish			
Teaching method	Face-to-face			
Prerequisites				
Department	Expresión Gráfica Arquitectónica			
Coordinador	Hermida Gonzalez, Luis	E-mail	luis.hermida@udc.es	
Lecturers	Hermida Gonzalez, Luis Losada Pérez, Carlos	E-mail	luis.hermida@udc.es c.losada@udc.es	
Web				
General description	Representación basada en los principios de los sistemas: diédrico, acotado (representación topográfica y terrenos), axonométrico y cónico. Fundamentos de la teoría de sombras y claroscuro. Textura y color.			
Contingency plan	1. Modifications to the contents 2. Methodologies *Teaching methodologies that are maintained *Teaching methodologies that are modified 3. Mechanisms for personalized attention to students 4. Modifications in the evaluation *Evaluation observations: 5. Modifications to the bibliography or webgraphy			

Study programme competences	
Code	Study programme competences
A1	CE01 - Aptitud para aplicar los procedimientos gráficos a la representación de espacios y objetos.
A2	CE02 - Aptitud para concebir y representar los atributos visuales de los objetos y dominar la proporción y las técnicas del dibujo, incluida la informática.
A3	CE03 - Conocimiento adecuado y aplicado al paisaje de los sistemas de representación espacial y fotográfica.
A4	CE04 - Conocimiento adecuado y aplicado al paisaje del análisis y teoría de la forma y las leyes de la percepción visual.
B1	CB1 - Que los estudiantes hayan demostrado poseer y comprender conocimientos en un área de estudio que parte de la base de la educación secundaria general, y se suele encontrar a un nivel que, si bien se apoya en libros de texto avanzados, incluye también algunos aspectos que implican conocimientos procedentes de la vanguardia de su campo de estudio
B2	CB2 - Que los estudiantes sepan aplicar sus conocimientos a su trabajo o vocación de una forma profesional y posean las competencias que suelen demostrarse por medio de la elaboración y defensa de argumentos y la resolución de problemas dentro de su área de estudio
B3	CB3 - Que los estudiantes tengan la capacidad de reunir e interpretar datos relevantes (normalmente dentro de su área de estudio) para emitir juicios que incluyan una reflexión sobre temas relevantes de índole social, científica o ética
B4	CB4 - Que los estudiantes puedan transmitir información, ideas, problemas y soluciones a un público tanto especializado como no especializado



B5	CB5 - Que los estudiantes hayan desarrollado aquellas habilidades de aprendizaje necesarias para emprender estudios posteriores con un alto grado de autonomía
B7	CG2 - Conocer los sistemas de información y representación del paisaje.
C1	CT1 - Expresarse correctamente, tanto de forma oral como escrita, en las lenguas oficiales de la comunidad autónoma. Capacidad de análisis y síntesis. Capacidad para el razonamiento y la argumentación. Capacidad para elaborar y presentar un texto organizado y comprensible. Capacidad para realizar una exposición en público de forma clara, concisa y coherente.
C2	CT2 - Utilizar las herramientas básicas de las tecnologías de la información y las comunicaciones (TIC) necesarias para el ejercicio de su profesión y para el aprendizaje a lo largo de su vida. Habilidad en el manejo de tecnologías de la información y de la comunicación (TIC). Capacidad para obtener información adecuada, diversa y actualizada. Utilización de información bibliográfica y de Internet.
C3	CT3 - Desenvolverse para el ejercicio de una ciudadanía respetuosa con la cultura democrática, los derechos humanos y la perspectiva de género. Capacidad para trabajar en grupo y abarcar situaciones problemáticas de forma colectiva.
C4	CT4 - Adquirir habilidades para la vida. y hábitos, rutinas y estilos de vida saludables.
C5	CT5 - Estimular la capacidad para trabajar en equipos interdisciplinarios o transdisciplinarios, para ofrecer propuestas que contribuyan a un desarrollo sostenible ambiental, económico, político y social.
C6	CT6 - Capacidad de gestionar tiempos y recursos: desarrollar planes, priorizar, actividades. identificar las críticas, establecer plazos y cumplirlos. Capacidad de trabajo individual, con actitud autocrítica.
C7	CT7 - Valorar la importancia que tiene la investigación, la innovación y el desarrollo tecnológico en el avance socioeconómico y cultura de la sociedad.
C8	CT8 - Entender la importancia de la cultura emprendedora y conocer los medios al alcance de las personas emprendedoras.

Learning outcomes			
Learning outcomes	Study programme competences		
Capacity for spatial vision and knowledge of graphic representation techniques	A1 A2 A3 A4	B1 B2 B3 B4 B5 B7	C1 C2 C3 C4 C5 C6 C7 C8
Development of representation systems and techniques	A1 A2 A3 A4	B1 B2 B3 B4 B5 B7	C1 C2 C3 C4 C5 C6 C7 C8
Application of the systems and techniques of representation to the study, analysis and project of the landscape	A1 A2 A3 A4	B1 B2 B3 B4 B5 B7	C1 C2 C3 C4 C5 C6 C8

Contents	
Topic	Sub-topic



UNIT 01. INTRODUCTION AND OBJECTIVES. THE MAIN SYSTEMS OF REPRESENTATION	The drawing and representation systems. The stages of the drawing process. Types of projection and invariants. Classification of the main representation systems.
TOPIC 02. DIEDICAL SYSTEM	Notations and symbols Concept of the system The projection planes. European system American System Plants and sections. Changes of plane.
ITEM 03. TOPOGRAPHIC SURFACES	Generalities Level Curves Profiles and Panoramas. Analysis and interpretation of topographic surfaces. Ways to represent the terrain. Explanations. Layout of alignments: Horizontal; with constant slope; with variable slope.
UNIT 04. AXONOMETRIC SYSTEM	System concept Orthogonal and oblique projections Axonometric drawings. Orthogonal Axonometries: Isometry, Dimetry, Trimetry. Oblique axonometry. Pohlke-Schwarz theorem.
UNIT 05. LINEAR PERSPECTIVE	System concept Basic vocabulary. Representation of the line Representation of the plane Historical approach: its relationship with painters. Classification and implementation procedures. Development of the different methods of realization.
UNIT 06. GRAPHIC TECHNIQUES APPLIED TO REPRESENTATION SYSTEMS	Tonal evaluation The delineation of values. Planning of perspective, composition and tonal values. Elements of the chiaroscuro theory. Shadows and tonal evaluation.
UNIT 07. THEORY AND USE OF COLOR	Previous issues. The light and the color. Theory of color. Terminology. Three essential aspects of color: hue, clarity (luminosity) and saturation. Systems of representation of colors. The psychophysical parameters of color. Chromatic balance. Colors and mixtures
ITEM 08. REALIZATION OF A DRAWING	Sequence of drawings. Hard elements. soft elements. Texture. Colour.

Planning				
Methodologies / tests	Competencies	Ordinary class hours	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A3 A4 B7 C4 C5 C6 C7	15	5	20
Workshop	A1 A2 B1 B2 B3 B4 B5 C1 C2 C3 C8	45	83	128



Personalized attention		2	0	2
(*)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	This first methodology develops the knowledge bases of the subject that are specified in the contents. In these classes, students must have a receptive aptitude following the explanations of the teacher on the blackboard, on-screen projections and computer systems (ICT). The student will take notes and ask questions about the topics discussed. The objective is to provide the concepts and tools necessary for its understanding from a perspective in which the landscape is always present.
Workshop	It is in this second methodology that the student participates actively in the learning process, facing the need to experience all the knowledge presented in the conferences, which must be adapted. Two types of exercises are formulated, which are solved mainly by hand, and which the student must develop individually: 1.- Practice of weekly drawing on board with a duration of one to two hours and that will be collected at the end of the class for evaluation. 2.- Course practice in which a representation work will be performed in a landscape environment to be specified. Each week and in a variable space of one to two hours, the student will work and correct the progress of this tutorial work that will also be developed without contact in the hours assigned in the planning of the subject.

Personalized attention	
Methodologies	Description
Guest lecture / keynote speech Workshop	Both the content of the lectures and the doubts related to the weekly practices and / or the work of the course can be the object of individual consultations in a tutorial way or by email, given the specificity of this degree, which is taught simultaneously in Lugo and A Coruña

Assessment			
Methodologies	Competencies	Description	Qualification
Guest lecture / keynote speech	A3 A4 B7 C4 C5 C6 C7	The class attendance will be controlled, passing the list to the firm, at the beginning of the same with the objective of promoting the capacity of work and continuous learning.	20
Workshop	A1 A2 B1 B2 B3 B4 B5 C1 C2 C3 C8	The pursuit of the cognitive progression of the student is pursued, especially the development of the spatial vision and the deepening of the degree of abstraction of the graphic representation through the main representation systems. The presented work is evaluated as well as the progression, evolution and the interaction with the group. There will be a final date for the delivery of the course practices. Independently the teacher will propose and fix intermediate deliveries. Minimum attendance to master classes: 80%. Delivery of all (100%) of the practices proposed on date.	80

Assessment comments



To pass by course students must pass with a minimum grade of 5 80% of all practices submitted on the date and with a measure of all grades equal to or greater than 5 out of 10.

Final graphic test. Students who have not passed the marked objectives by course, will complete a final evaluation test (which will coincide with the date set by the university in the first and / or second opportunity) and / or repeat practices according to the teacher's criteria. where the acquired level is verified in relation to the specific competences outlined of knowledge of the systems and techniques of graphic representation by the traditional methods of metric geometry and descriptive geometry; valuing the capacity for the previous preparation, conception and writing of projects.

In order to qualify for the evaluation, students must have attended 80% of the lectures and delivered all the practices on the date; except medical justification.

Sources of information

- | | |
|----------------------|---|
| Basic | <ul style="list-style-type: none">- Josef Albers (2009). Interaction of Color. New Complete Edition. Yale U P - 978-0-300-14693-6- De Grandis (1985). Teoría y Uso del Color. Ediciones Cátedra- Franco Taboada (2011). Geometría descriptiva para la representación arquitectónica. Fundamentos. andavira 9788484086260- González Cuasante (2005). Introducción al color. AKAL - ISBN 9788446009269- Gordon Cullen (1974). El paisaje urbano. Tratado de estética urbanística. Blume - ISBN 84-7031-203-0- Edward Hutchison (2012). El dibujo en el proyecto del paisaje. GG Barcelona - ISBN 9788425224560- López Candeira (1980). La Escena Urbana. Análisis y evolución. MOPU - ISBN 84-7433-113-7- Moreno Rivero (1996). El Color. Historia, teoría y aplicaciones. Ariel - ISBN 8434465841- Navarro de Zuñillaga (2008). Forma y Representación. AKAL - ISBN 9788446020189- Vidal Alamar (2007). Perspectiva artística. UPV - ISBN 9788483631812- Sabrina Wilk (2014). Drawing for Landscape Architects. DOM - ISBN 978-3-86922-344-5- VV AA (2019). Guía completa de dibujo. Blume - ISBN 978-84-17254-89-6 |
| Complementary | |

Recommendations

Subjects that it is recommended to have taken before

Landscape Project 1/630G03010

Landscape drawing/630G03001

Art and Landscape/630G03005

Subjects that are recommended to be taken simultaneously

Landscape Project 2/630G03015

Subjects that continue the syllabus

Landscape project 3/630G03020

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.