



Teaching Guide

Identifying Data					2022/23
Subject (*)	Landscape drawing	Code	630G03001		
Study programme	Grao en Paisaxe				
Descriptors					
Cycle	Period	Year	Type	Credits	
Graduate	1st four-month period	First	Basic training	6	
Language	Galician				
Teaching method	Face-to-face				
Prerequisites					
Department	Expresión Gráfica Arquitectónica Representación e Teoría Arquitectónica				
Coordinador	Zas Gomez, Evaristo	E-mail	evaristo.zas@udc.es		
Lecturers	Zas Gomez, Evaristo	E-mail	evaristo.zas@udc.es		
Web	etsa.udc.es/web/				
General description	The drawing, fundamentally by hand, as language and basic tool for the depiction, analysis and the landscape project. The course is delivered in Galician.				

Study programme competences / results

Code	Study programme competences / results
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 interdisciplinares o transdisciplinares, 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 / results		
Ability to apply graphic representation systems. Ability to handle projection and cutting systems. Ability to handle the quantitative and selective aspects of the scale. Ability to establish the relationship between plane and depth	A1 A2	B2 B4	C3 C8
Knowledge and understanding of spatial representation systems and their relationship with the procedures of graphic ideation and visual expression of the different phases of landscape design. Understanding of metric and projective geometry as fundamentals of layout, design and composition.	A3	B3 B7	
Study of the different Graphic Representation Systems for application in the landscape field, based on their theoretical foundations, with a differentiated depth depending on their operation, based on the selection of the most appropriate system in each specific case.	A1 A3	B3 B4	C4
Knowledge and understanding of the laws of visual perception and proportion, theories of form and image, aesthetic theories of color and procedures for the phenomenological and analytical study of the landscape.	A3 A4	B1 B3	C1
Provide geometric rigor to the representation and analysis of the environment, without forgetting that the creative process is fundamentally based on the rational ability to perceive space.	A1 A2	B5 B7	C2 C6
Capacity for imagination and spatial reading, both so that the student can imagine an object represented on the plane in space, and so that he can represent on the plane what was previously imagined in space, that is, stimulate spatial apprehension or "see in space";	A1 A3	B2 B4	C5
Development of expressiveness through intentional projections, perspectives, shadows, chiaroscuro theory and sunlight, useful in the fields of landscape formation.	A2	B2 B4 B5	
Ability to conceive and represent the landscape, color, texture, light and control the proportion of objects.	A3	B1	C1
Detailed study of the levels of graphic learning, from the initial perceptive stage to the final stage of creative representation	A4	B2 B3	C7

Contents	
Topic	Sub-topic
UNIT 1. HISTORY OF THE REPRESENTATION OF THE LANDSCAPE	1.1. The representation of the ancient landscape 1.2. The representation of the medieval landscape 1.3. The representation of the modern landscape 1.4. The representation of the contemporary landscape
UNIT 2. INTRODUCTION TO THE MAIN REPRESENTATION SYSTEMS I: THE PARALLEL PROJECTION	2.1. The multiview projection 2.2. The topographic projection 2.3. The axonometric projection
UNIT 3. INTRODUCTION TO THE MAIN SYSTEMS OF REPRESENTATION II: THE CENTRAL PROJECTION	3.1. Concept and classification of linear perspectives 3.2. Classic Linear Perspective Methods: Visual Rays 3.3. Direct measurement in perspective: measurement points 3.4. Curvilinear perspectives
UNIT 4. GRAPHIC TECHNIQUES OF LANDSCAPE REPRESENTATION	4.1. Graphic conventions 4.2. Analogical graphic techniques 4.3. Digital graphic techniques
UNIT 5. LANDSCAPE DRAWING AND ITS SPECIFIC ELEMENTS	5.1. The natural landscape 5.2. The humanized rural landscape 5.3. The humanized urban landscape



UNIT 6. TYPES OF DRAWING AND THEIR APPLICATIONS	6.1. The descriptive drawing 6.2. The analytical drawing 6.3. The project drawing
-------------------------------------------------	-----------------------------------------------------------------------------------------

Planning				
Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A3 A4 B7 C4 C7	15	5	20
Workshop	A1 A2 B1 B2 B3 B4 B5 C1 C2 C3 C5 C6 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 teacher's explanations on the blackboard, projection screens and computer systems (ICTs). The student will take notes and ask questions about the topics presented. The objective is to provide both the concepts and the necessary tools for their understanding from a perspective in which the landscape is always present.
Workshop	It is in this second methodology where the student actively participates in the learning process, given the need to experience all the knowledge presented in the master sessions, to which he must adapt. Two types of exercises are formulated, solved mostly by freehand, and that must be developed individually by the student: 1.- Weekly exercise of 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.- Practical course in which a representation work will be developed in a landscape field to be specified. Every week and in a variable space of time, from one to two hours, the student will work and correct with the teacher the progress of this tutored work that will also be developed in a non-classroom way in the hours assigned in the planning of the topic.

Personalized attention	
Methodologies	Description
Guest lecture / keynote speech Workshop	Both the contents of the master sessions and the doubts related to the weekly practices and/or course work can be the subject of individual consultations in person or by email, given the specificity of this degree, which is taught in Lugo and A Coruña simultaneously.

Assessment			
Methodologies	Competencies / Results	Description	Qualification



Workshop	A1 A2 B1 B2 B3 B4 B5 C1 C2 C3 C5 C6 C8	<p>It is in this second methodology where the student actively participates in the learning process, given the need to experience all the knowledge presented in the master sessions, to which he must adapt. Two types of exercises are formulated that must be developed individually by the student:</p> <p>1.- Weekly drawing exercise (grading 30%) on board with a duration of one to two hours and that will be collected at the end of the class, each week, for evaluation</p> <p>2.- Course practices (70% grade) in which a representation work will be developed in a landscape area to be specified. Every week and in a variable space of time, from one to two hours, the student will work and correct with the teacher the progress of this tutored work that will also be developed in a non-classroom way in the hours assigned in the planning of the topic. There will be a final delivery date for this course practice, regardless of whether the teacher can set intermediate deliveries</p> <p>The submission on time of all the weekly practices and the practice of the course with all its sections sufficiently resolved is essential to pass the subject.</p> <p>Minimum attendance: 80%</p>	100
----------	----------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

Assessment comments

In order to pass by course or student, a grade equal to or greater than 5 must be achieved in both the weekly practices and the course practice. In addition, the student must have a minimum attendance of 80% and all his practices must be delivered on the detailed dates. If you do not finish or pass the course, there will be exams (and/or repetition of deliveries, at the discretion of the teacher) first and second chances on the dates set and to be held at ETSAC. Next data the students will be delivered previously as weekly and course practices, in case of non-teléfono hecho previously. Dedication measures for part-time students: they are not contemplated, because it is a matter in which the workshop is a fundamental methodology. Academic waiver: it is not contemplated, as it is a subject in which the workshop is a fundamental methodology. The detection of plagiarism, as well as the fraudulent performance of tests or assessment activities, once verified, will directly imply a failing qualification "0" in the subject in the corresponding call, thus invalidating the qualification obtained in all the assessment activities for the call. extraordinary.

Sources of information

<p>Basic</p>	<ul style="list-style-type: none"> - CULLEN, G. (1974). El paisaje urbano: tratado de estética urbanística. Blume - CHANES, R. (2000). Deodendron árboles y arbustos de jardín en clima templado. Barcelona: Blume - BAKER, G. (1998). Análisis de la forma urbanismo y arquitectura. Barcelona: Gustavo Gili - PRINZ, D. (1986). Planificación y configuración urbana. México: Gustavo Gili - CHING, F. (1988). Arquitectura: forma, espacio y orden. Barcelona: Gustavo Gili - BARTSCHI, W. (1980). El estudio de las sombras en perspectiva. Barcelona: Gustavo Gili - FRANCO TABOADA, J. A (2011). Geometría Descriptiva para la Representación Arquitectónica. Vol. 2. Geometría de la Forma Arquitectónica. Santiago de Compostela: Andavira - WILK, S. (2016). Construction and design manual. Drawing for landscape architects. Berlín: DOM Publishers - HUTCHINSON, E. (2011). Drawing for landscape architecture. Sketch to screen to site. New York: Thames and Hudson - LYNCH, K. (2012). La imagen de la ciudad. Barcelona: Gustavo Gili - FRANCO TABOADA, J. A (2011). Geometría Descriptiva para la Representación Arquitectónica. Vol. 1. Santiago de Compostela: Andavira - SIMONE de, L. (1976). Spazio prospettico . Roma: Bonacci
<p>Complementary</p>	



Recommendations
Subjects that it is recommended to have taken before
Subjects that are recommended to be taken simultaneously
Subjects that continue the syllabus
Other comments
It is considered essential for the understanding of the subject that the student has a good training in the drawing subjects offered in secondary and high school. Representation of the landscape, 630G3011 is the subject that continues the agenda. USC moodle will be used to avoid access problems.