

URBAN PLANNING 4

35534 - URBAN PLANNING 4 (2024-25)

General

Code: 35534

Lecturer responsible:

GARCIA MAYOR, MARIA CLARA

Credits ECTS:	6,00
Theoretical credits:	0,00
Practical credits:	2,40
Distance-base hours:	3,60

Departments involved

- **Dept:** BUILDING SCIENCES AND URBANISM DEPARTMENT

Area: URBAN DESING AND REGIONAL PLANNING UNIT

Theoretical credits: 0

Practical credits: 2,4

This Dept. is responsible for the course.

This Dept. is responsible for the final mark record.

Study programmes where this course is taught

- [DEGREE IN FUNDAMENTALS OF ARCHITECTURE](#)

Course type: COMPULSORY (Year: 4)

Competencies and objectives

Course context for academic year 2024-25

Urban Planning 4 (U4) is taught by professors from the Urban Design and Regional Planning Unit. It focuses on landscape planning and is a fourth-year course of the bachelor's degree in Fundamentals of Architecture. The main issues that concern the course are related to the modern concept of landscape in connection with other aspects of urban and territorial planning that include ecology, geography, and architecture. The context is the metropolitan territorial scale and the periurban areas.

A more detailed information about the teaching activity of the Urban Planning and Regional Studies Unit can be found linking: <https://web.ua.es/docenciaurbanismo> (only available in Spanish)

The learning process involves a weekly workshop, focused on three main learning objectives:

- i) to develop strategies based on territorial features;
- ii) to introduce assessment tools for landscape perception so that it can be part of the project decision-making process;
- iii) to provide project solutions for developing contemporary landscapes.

In this context, methodologies are tested for the definition of a master plan in a periurban/metropolitan working environment, using landscape characterisation as a methodological tool for diagnosis and assessment in connection with other aspects of urban and territorial planning.

General Competences (CG)

- **CG.1** : Conèixer la història i les teories de l'arquitectura, així com les arts, tecnologies i ciències humanes relacionades amb aquesta.
- **CG.3** : Conèixer l'urbanisme i les tècniques aplicades en el procés de planificació.
- **CG.7** : Comprendre les relacions entre les persones i els edificis i entre aquests i l'entorn, a més de la necessitat de relacionar els edificis i els espais situats entre aquests en funció de les necessitats i de l'escala humanes.

Skills/Skills

- **CB 2** : Que els estudiants sàpien aplicar els coneixements al seu treball o vocació d'una forma professional i posseïsquen les competències que solen demostrar-se per mitjà de l'elaboració i defensa d'arguments i la resolució de problemes dins de la seua àrea d'estudi.
- **CB 3** : Que els estudiants tinguen la capacitat de reunir i interpretar dades rellevants (normalment dins de la seua àrea d'estudi) per a emetre judicis que incloguen una reflexió sobre temes rellevants d'índole social, científica o ètica.
- **CB 4** : Que els estudiants puguen transmetre informació, idees, problemes i solucions a un públic especialitzat o no especialitzat.

Inherent transversal competences:>>Cognitive Instrumental

- **CT.10** : Habilitat per a l'anàlisi i la síntesi. Habilitat per a separar les parts d'un procés d'indagació i habilitat per a recompondre el tot a partir d'unes parts.
- **CT.14** : Habilitat per a l'elaboració del pensament abstracte. Habilitat per a construir conceptes genèrics a partir d'un coneixement empíric.

UA Basic Transversal Competences

- **CT.1** : Capacitat d'ús d'una segona llengua. Capacitat d'utilitzar l'anglès amb fluïdesa per a accedir a la informació tècnica, respondre a les necessitats de la societat i poder ser autosuficient en la preparació de la pròpia vida professional.
- **CT.2** : Capacitat d'expressió. Capacitat d'exposició oral i escrita.
- **CT.4** : Capacitat de treball en grup. Capacitat d'èxit en treballs col·lectius i de grup, repartint treball i assumint rols.
- **CT.8** : Capacitat d'adoptar el mètode científic. Capacitat d'adoptar el mètode científic en el plantejament i realització de treballs diversos, tant a nivell acadèmic com professional.

Inherent transversal competences:>>Methodological Instrumental

- **CT.17** : Habilitat per a resoldre problemes. Capacitat per a orientar la informació i els instruments d'acció cap a la resolució de conflictes prèviament diagnosticats.
- **CT.18** : Habilitat per a prendre decisions. Capacitat per a entendre la complexitat dels contextos en què produïm transformacions i prendre-hi decisions creatives de manera responsable.

Inherent transversal competences:>>Technological Instrumental

- **CT.21** : Habilitat per a la visió espacial. Habilitat per a entendre i assimilar un objecte, un procés o un espai amb independència de les visualitzacions previstes, a més de la capacitat per a generar-ne de noves.

Inherent transversal Competences:>>Social Interpersonal

- **CT.28** : Habilitat per a dissenyar i gestionar propostes que incorporen responsabilitat social i mediambiental. Capacitat per a entendre el compromís amb l'entorn social i físic que impliquen els processos de transformació d'aquest.

Inherent transversal

Competences:>>Entrepreneurship Capability System

- **CT.30** : Habilitat per al diagnòstic i l'acció projectiva. Capacitat per a problematitzar la realitat i implementar-hi mecanismes propositius i sostenibles d'acció.

Specific Competences:>>Project Block

- **CE.34T** : Aptitud per a suprimir barreres arquitectòniques.
- **CE.35T** : Aptitud per a resoldre el condicionament ambiental passiu, incloent-hi l'aïllament tèrmic i acústic, el control climàtic, el rendiment energètic i la il·luminació natural.
- **CE.36T** : Aptitud per a catalogar el patrimoni edificat i urbà i planificar-ne la protecció.
- **CE.37T** : Capacitat per a concebre, practicar i desenvolupar projectes bàsics i d'execució, croquis i avantprojectes.
- **CE.39T** : Capacitat per a concebre, practicar i desenvolupar la direcció d'obres.
- **CE.42T** : Capacitat per a exercir la crítica arquitectònica.
- **CE.44T** : Capacitat per a redactar projectes d'obra civil.
- **CE.45T** : Capacitat per a dissenyar i executar traçats urbans i projectes d'urbanització, jardineria i paisatge.
- **CE.47T** : Capacitat per a elaborar estudis mediambientals, paisatgístics i de correcció d'impactes ambientals.
- **CE.52** : Coneixement adequat de l'ecologia, la sostenibilitat i els principis de conservació de recursos energètics i mediambientals.
- **CE.53** : Coneixement adequat de les tradicions arquitectòniques, urbanístiques i paisatgístiques de la cultura occidental, a més dels seus fonaments tècnics, climàtics, econòmics, socials i ideològics.
- **CE.55** : Coneixement adequat de la relació entre els patrons culturals i les responsabilitats socials de l'arquitecte.

Exclusive skill taught in this course

No data

Learning outcomes (Training objectives)

No data

Specific objectives stated by the academic staff for academic year 2024-25

From the point of view of the student's learning objectives, the approach to the concept of landscape as a tool for spatial planning requires several transversal competencies -CT- which are directly related to the general competencies -CG- of the Foundation Degree in Architecture.

This course introduces the concept of landscape and raises awareness of the many factors involved in the design of a landscape masterplan. The course explores the links between landscape, sense of place, identity and the values attached to landscapes, and the links between these concepts and the design decision-making process. The landscape is not simply what we see, but a way of seeing. The ability to interpret concepts that are sometimes difficult to link is an important skill in the placemaking process.

The aims are

To gain in-depth knowledge of the use of specific methodological tools for territorial projects;

Discuss the issues relevant to decision-making at each stage of your proposals;

Provide a rationale detailing why the solution presented is an effective urban planning strategy; and,

Develop a work plan that includes a timescale for the completion of each stage necessary for the implementation of the project.

The approach of this subject is aligned with the following Sustainable Development Goals

SDG 10: Reduce inequalities.

SDG 11: Sustainable cities and communities

SDG 13: Climate action

Content and bibliography

Content for academic year 2024-25

The syllabus is organised into 4 parts: conceptual framework, working methodology, tools for planning, tools for analysis and design. The U4 course is developed with introductory theoretical seminars that serve as the conceptual basis for the course practices (individual) and the master plan project (to be developed in teams).

PART 1- CONCEPTUAL APPROACH TO LANDSCAPE

- **lesson 1.** Landscape concept. Historical background/approach followed by a description of main strands of work.
- **lesson 2.** Landscape as a territorial planning tool. Methodologies and fields of work.

PART 2- WORKING METHODOLOGY

- **lesson 3.** Visual analysis. Scale and Characterization.
- **lesson 4.** Landscape assessment. Objectives and strategies.

PART 3- LANDSCAPE PLANNING TOOLS AT TERRITORIAL SCALE

- **lesson 5.** Understanding the territory as a system. Green infrastructure.
- **lesson 6.** Territorial planning through the landscape. Contemporary projects in European cities.

PART 4- LANDSCAPE PROJECT: ANALYSIS AND DESIGN TOOLS.

- Visual analysis
- Landart vs Land Architecture
- Green. Nature-based solutions for urban and territorial scales.

• **Workshop:** Activities include a variety of analysis tasks solved by means of a team-based learning approach. You will be expected to apply the explained methodology to analysing the spatial context and providing an intervention strategy that represents the implementation of short, medium and long-term planning strategies to achieve the set objectives.

Related links

www.habitatge.gva.es/es/web/planificacion-territorial-e-infraestructura-verde/libro-digital-77497

Estrategia Territorial e Infraestructura Verde de la Comunidad Valenciana. Libro digital. Consellería de Vivienda, Obras Públicas y Vertebración del Territorio.

<http://visor.gva.es/visor/>

Visor cartográfico de la Generalitat Valenciana y del Instituto Cartográfico Valenciano.

<http://www.upv.es/contenidos/CAMUNISO/info/821409normalc.html>

Paisaje urbano, periurbano y territorial. Cátedra de Municipios Sostenibles. Universidad Politécnica de Valencia.

www.catpaisatge.net/cat/index.php

Observatorio del Paisaje de Cataluña. Centro de documentación, actividades, publicaciones y recursos externos en materia de Paisaje

www.catpaisatge.net/eng/observatori.php

Landscape Observatory of Catalonia. Centre for the study and monitoring of the evolution of landscape in Catalonia and Research Center at European level.

http://www.ecovast.org/papers/good_guid_corr_e.pdf

ECOVAST guide.Landscape identification. Method for assessing landscapes and identifying landscape units in small towns and villages.

http://ua-es.libguides.com/GT_de_urbanismo

Guía temática de la Biblioteca Universitaria UA. Enlace a bases de datos, recursos, proyectos, TFG, entre otros materiales.

http://http://ua-es.libguides.com/GT_de_Arquitectura

Guía temática de la biblioteca universitaria. Universidad de Alicante.

<https://www.fomento.gob.es/portal-del-suelo-y-politicas-urbanas/atlas-estadistico-de-las-areas-urbanas>

El Atlas Estadístico de las Áreas Urbanas en España tiene como objetivo dar a conocer la situación de zonas urbanas españolas con relación a parámetros como población, vivienda, servicios, infraestructuras o planeamiento urbanístico.

The public chance: nuevos paisajes urbanos = New urban landscapes

Author(s): FERNÁNDEZ PER, Aurora; ARPA, Javier

Issue: Vitoria-Gasteiz : a+t ediciones, 2008;

ISBN: 978-84-612-4488-1

Category: Complementario

El proyecto del paisaje : Arquitectura, urbanismo y ecología

Author(s): Pérez Igualada, Javier

Issue: Valencia : Universidad Politécnica de Valencia, 2020;

ISBN: 978-84-9048-934-5 (libro e.)

Category: Básico

Food and the city: histories of culture and cultivation

Author(s): Imbert, Dorothée (editor literario)

Issue: Washington, D.C : Dumbarton Oaks Research Library and Collection, 2020;

ISBN: 978-0-88402-404-0

Category: Complementario

The acoustic city

Author(s): GANDY, Matthew (ed. lit.); NILSEN, BJ (ed. lit.)

Issue: Berlin : Jovis, 2014;

ISBN: 978-3-86859-271-9

Category: Complementario

La huerta de la Vega Baja del río Segura : paisaje e identidad territorial

Author(s): García Mayor, Clara ; Pérez Payá, M. Dolores

Issue: Estados Unidos : Lulu, 2015;

ISBN: 978-1-291-84700-0

Category: Complementario

New geographies. 2, Landscapes of energy

Author(s): Ghosn, Rania

Issue: Cambridge (Mass.) : Harvard university graduate school of design, 2009;

ISBN: 978-1-934510-25-4

Category: Complementario

Landscape in sight : looking at America

Author(s): JACKSON, John Brinckerhoff (1909-1996); HOROWITZ, Helen Lefkowitz (ed. lit.)

Issue: New Haven : Yale University Press, 2000;

ISBN: 978-0-300-08074-2

Category: Complementario

Fieldwork : landscape architecture Europe

Author(s): Landscape Architecture Europe Foundation (editor literario)

Issue: Basel : Birkhäuser, 2006;

ISBN: 978-3-7643-7508-9

Category: Complementario

In touch: [landscape architecture Europe]

Author(s): LANDSCAPE ARCHITECTURE EUROPE FOUNDATION (ed. lit.)

Issue: Basel : Birkhäuser, 2012;

ISBN: 978-3-0346-0815-2

Category: Complementario

On the move: landscape architecture Europe

Author(s): LANDSCAPE ARCHITECTURE EUROPE FOUNDATION (ed. lit.)

Issue: Wageningen : LAE Foundation, 2015;

ISBN: 978-90-75271-82-9

Category: Complementario

On site: landscape architecture Europe

Author(s): LANDSCAPE ARCHITECTURE EUROPE
FOUNDATION (ed. lit.)

Issue: Basel : Birkhäuser, 2009;

ISBN: 978-3-7643-8950-5

Category: Complementario

**Reptes en la cartografia del paisatge: dinàmiques territorials i
valors intangibles**

Author(s): NOGUÉ I FONT, Juan (1958-) [et al.] (eds. lits.)

Issue: Olot (Girona) : Observatori del Paisatge de
Catalunya, 2013;

ISBN: 978-84-616-2668-7

Category: Complementario

Arquitectura del paisaje : forma y materia

Author(s): Pérez Igualada, Javier

Issue: València : Editorial Universitat Politècnica de
València, 2016;

ISBN: 978-84-9048-466-1

Category: Básico

The skycourt and skygarden: greening the urban habitat

Author(s): POMEROY, Jason

Issue: London : Routledge, 2014;

ISBN: 978-0-415-63699-5

Category: Complementario

Landscape architecture: a very short introduction

Author(s): THOMPSON, Ian H. (1955-)

Issue: Oxford : Oxford University Press, 2014;

ISBN: 978-0-19-968120-4

Category: Básico

Modern landscape architecture: a critical review

Author(s): TREIB, Marc (ed. lit.)

Issue: Cambridge (Estados Unidos) : The MIT Press, 1992;

ISBN: 978-0-262-70051-1

Category: Complementario

Representing landscape architecture

Author(s): TREIB, Marc (ed. lit.)

Issue: Abingdon : Taylor & Francis, 2008;

ISBN: 978-0-415-70042-9

Category: Básico

Site matters : design concepts, histories, and strategies

Author(s): Burns, Carol (1954-) (ed. lit.) ; Kahn, Andrea (1958-) (ed. lit.)

Issue: New York : Routledge, 2005;

ISBN: 978-0-415-94976-7

Category: Básico

Landscapes of development : the impact of modernization discourses on the physical environment of the Eastern Mediterranean

Author(s): Pyla, Panayiota I. (Panayiota Ioanni) (ed. lit.)

Issue: Cambridge, Massachusetts : The Aga Khan Program at the Harvard Graduate School of Design, 2013;

ISBN: 978-0-9771224-4-8

Category: Básico

City by landscape: the landscape architecture of Rainer Schmidt

Author(s): SCHRÖDER, Thies (1965-) (ed. lit.)

Issue: Basel : Birkhäuser, 2014;

ISBN: 978-3-03-460797-1

Category: Complementario

The landscape urbanism reader

Author(s): Waldheim, Charles (ed. lit.)

Issue: New York : Princeton Architectural Press, 2006;

ISBN: 978-1-56898-439-1

Category: Básico

Breve tratado del paisaje

Author(s): ROGER, Alain

Issue: Madrid : Biblioteca Nueva, 2007;

ISBN: 978-84-9742-681-7

Category: Básico

El pensamiento paisajero

Author(s): BERQUE, Agustín

Issue: Madrid : Biblioteca Nueva, 2009;

ISBN: 978-84-9742-934-4

Category: Básico

Smart Cities and the UN SDGs

Author(s): Visvizi, Anna (editor literario)

Issue: Amsterdam : Elsevier, 2021;

ISBN: 978-0-323-85151-0

Category: Complementario

Assessment procedures and criteria 2024-25

English is the vehicular language used in group 3, and is encouraged in all oral communication. Written work must be submitted in English.

By agreement with the Degree in Fundamentals of Architecture Commission (Feb. 6, 2020), students enrolled in the English group may be required to take a language level test to demonstrate sufficient proficiency of the language to follow the course. If a student does not pass the test, he/she will be registered in another group taught in Spanish.

Attendance to all programmed classes and activities is obligatory. It is also compulsory to submit each assignment before the published deadline. Oral presentations are involved in each assessment component. These will include sharing information among the group about the findings, evidence, and the work processes related to each activity and these will be scheduled at the introductory session. The final grade will be the sum of the mark attained for each of the three individual assessment components.

The assessment breakdown is indicated in the table below. However, for the continuous assessment to apply, it is mandatory that a minimum mark of 4/10 is attained for each assessment component. The minimum mark required to pass this course is 5/10.

For those students who have missed any of the assessment activities, attained less than 4 in any activity, or have not reached the minimum pass mark of 5, a final examination will be necessary. The official date for the final examination will take place in January and will be published on the UA website in due course. In addition, those students attending the exam will also have to submit a completed final project. In short, if the attendance and submission requirements are not met throughout the semester, this part of the course is not recoverable through continuous assessment, but only through the final examination.

A NOTE OF CAUTION: Plagiarism is considered serious misconduct and will result in an automatic mark of zero (0).

For any matter not dealt with in this course guide relating to assessment please revert to the University of Alicante's published rules governing learning assessment ("Reglamento para la evaluación de los aprendizajes")

The section "Curricular Adaptation (COVID-19)" provide details in the event of distance assessment due to official requirements related to health alert.

Description	Criteria	Type	Weighting system
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Theoretical contents and practical activities

Class participation and attendance. Classroom tasks will assess interactivity, oral presentation, critical reflection and discussion, theoretical knowledge, accuracy and use of specific concepts, and vocabulary related to course topics.

ACTIVITIES OF EVALUATION DURING THE SEMESTER

40

PRACTICALS: The practical exercises are designed to reinforce and practise the concepts and methods explained in the theory. In each case, the student must be able to carry out the proposed activity using the information given in each statement. The accuracy of the information given with the appropriate vocabulary will be assessed. The use of precise toponymy or the identification of key elements to justify the results. In the case of information research, the appropriate referencing of the sources used or the spatial geolocation of the elements identified. The mastery of graphic presentation will be assessed in order to express the conclusions reached or the research process followed.

PRESENTATION OF PRACTICAL

RESULTS: In the presentation of the results, either orally or in graphic/written documentation, the ability to synthesise and structure the information will be assessed, as will the ability to draw conclusions and to relate these conclusions in a cross-curricular way to other issues dealt with in class or in other subjects. In addition, the completion of the task will be assessed in a way that fits in with the time allocated and covers all the necessary aspects.

INDEPENDENT LEARNING ACTIVITIES-RECOMMENDED READINGS / TED TALKS:

These independent learning activities will be assessed through two mechanisms. The first is the production of a written essay in response to the statement provided. The organised structure demonstrating the contribution of the text to the topic and the student's own reflection will be assessed. The second mechanism will be the student's ability to effectively incorporate the aspects seen in the recommended materials into the rest of the activities carried out during the course: vocabulary, concepts, references, and examples. The ability to synthesise and the precision of the style used will be assessed.

Failure to meet the attendance and submission requirements throughout the semester will not result in this part of the course being recovered through continuous assessment, but only through the final exam.

MID-TERM
ASSIGNMENT:
PROJECT
PART 1

**Course landscape project. First part
assignment. ANALYSIS**

ACTIVITIES OF
EVALUATION DURING
THE SEMESTER

25

In this phase of information gathering and analysis, the following aspects will be evaluated: the type of information gathered, the sources used, the accuracy of the data produced, the suitability of the data for the purpose of the analysis, the classification of the information and the synthesis.

Justification of the scale and scope of the work according to the criteria explained in class.

The ability to state the objectives of the planning aspects of the territory and the strategies to achieve them, as well as, their relationship with the analysis carried out will be assessed. Use the QGIS tool and geolocalised data from social networks as sources for the diagnosis of the study area. Use of a SWOT analysis for the evaluation. Adapting the graphic work to the interpretation and evaluation of the results. Managing the collaborative work of the team according to the criteria of uniformity and coherence of the delivered document.

Public presentation of the results of the analysis phase Compulsory public presentation for all group members with a weighting of 15% of this mid-term assignment mark. In case of not attending it will not be possible to overcome this work.

The student must present the results of this phase, demonstrating knowledge of one of the aspects dealt with in the work. The ability to synthesise, the precision and structure of the discourse, and the preparation of a PowerPoint presentation where the slides are not just a projection of the slides of the paper project will be assessed. The presentation must fit into the time allotted and cover all relevant aspects. The ability to answer the questions accurately will be assessed. Not only the content but also the ability to: argue, synthesise, conclude, relate concepts to other subjects (transversality of knowledge), use the concepts explained, integrate new specific vocabulary, effectively communicate and present the proposed line of work and the results obtained will be assessed.

**Submission of the complete
documentation of the second phase of the
course exercise. FINAL PROPOSAL.**

In the proposal phase, the following aspects will be evaluated: use of the conclusions of the first part for the elaboration of the second part, revision of the objectives and strategies previously outlined and their adaptation to the final choices of the proposal, use of references or case studies that illustrate the ideas of the proposed project, optimal use of scales according to the proposed action. The development of a programme of uses/activities in balance with environmental solutions and taking into account perception issues will be assessed.

The ability to incorporate solutions with multi-scale components, taking into account the impact at territorial and local levels, will be an asset. The identification of the most appropriate plant species and the incorporation of resource management solutions, such as water, will be an asset. An initial SWOT (before the intervention, derived from the first implementation phase) and a final SWOT (prediction of the change in impact after the proposed actions) will be valued.

Adapting the graphic work to the interpretation and evaluation of the results. Management of collaborative teamwork according to the criteria of uniformity and coherence of the delivered document.

Public presentation The compulsory public presentation is worth 15% of the mark obtained in this assignment.

The student must present the prepared proposal, demonstrating knowledge of one of the aspects dealt with in the work. The ability to synthesise, the precision and structure of the discourse, and the preparation of a PowerPoint presentation where the slides are not just a projection of the paper slides of the project will be assessed. The presentation must fit into the time allotted and cover all relevant aspects. The ability to answer the questions accurately will be assessed. Not only the content but also the ability to: argue, synthesise, conclude, relate the concepts to other subjects (transversality of knowledge), use the concepts explained, integrate new specific vocabulary, effectively communicate and present the proposed line of work and the results obtained will be assessed.

Official exam dates for academic year 2024-25

Exam session	Date	Time	Group - Classroom(s) allocated	Comments
(C2) Periodo ordinario para asignaturas de primer semestre	23/01/2025			Teoría
(C4) Pruebas extraordinarias para asignaturas de grado y máster	04/07/2025			Teoría

Academic staff



GARCIA MAYOR, MARIA CLARA

Lecturer responsible

TALLER: Groups: 1 , 2 , 3



BERNABEU BAUTISTA, ALVARO

TALLER: Groups: 1 , 2 , 3



CASTAÑO CANO, MANUEL

TALLER: Groups: 2



Groups

TALLER

Group	Semester	Morning or afternoon session	Language	No. of enrolled students
Gr. 1 (TALLER) : 1 (ENG)	1S	Morning	English	15
Gr. 2 (TALLER) : 2	1S	Afternoon	Spanish	13
Gr. 3 (TALLER) : 3	1S	Morning	Spanish	28

Timetables

TALLER

Group	Start date	End date	Day	Start time	End time	Lecture room
1	09/09/2024	20/12/2024	JUE	09:00	13:00	0039PB002 
2	09/09/2024	20/12/2024	MIE	15:00	19:00	EP/S-02M 
3	09/09/2024	20/12/2024	MIE	09:00	13:00	EP/S-02M 