1. BASIC INFORMATION

Course	Urban Development Basics
Degree program	Fundamentals of Architecture
School	Architecture, Engineering and Design
Year	1st
ECTS	6 ECTS
Credit type	Mandatory
Language(s)	80% English 20% Spanish
Delivery mode	In person
Semester	Second Semester
Academic year	2025/2026
Coordinating professor	Mateus Porto Schettino

2. PRESENTATION

The Urban Basis of course is the first approach to the theoretical and analytical view of the city. It is the first meeting of the student with the materials of planning, so that learning is suggested as an approach to the basics of the discipline from the understanding of the city as a whole, the urban network and its The course will develop the basic tools and knowledge needed to enter, in later courses, in the discipline of Urban Planning and Urban Design.
The focus of the course is primarily analytical with an advance of propositions: is based on a graphic and theoretical analysis of the urban phenomenon in a comprehensive manner at different scales, from the territory to the city.
The subject is organized throughout a historical overview. It starts with the understanding of the formation and evolution of the traditional urban system – analysing the territorial reality, the formation parameters, the urban tissues and the space of the city-, to reach the comprehension of today's cities form and the urban features of the contemporary city – analysing deeply the existing reality and the futures conditions (Consumption 0).

3. COMPETENCIES AND LEARNING OUTCOMES

Core competencies:

- CB1 That students have demonstrated knowledge and understanding in a field of study that is based on general secondary education, at a level which, although supported by advanced textbooks, imply some knowledge of the vanguard of their field of study.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.
- CB2 That 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.
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- CB3 That students have the ability to gather and interpret relevant data (usually within their field of study) to make judgements that include reflection on relevant social, scientific or ethical issues.
- CB4 That students can communicate information, ideas, problems and solutions to both the specialist and non-specialist.
- CB5 That students have developed the necessary learning skills to undertake further studies with a high level of autonomy.
- CG1 Knowledge of the history and theories of architecture and the related arts, technologies and human sciences;
- CG3 Knowledge of urban design, and the skills involved in the planning process;
- CG7 Understanding of the relationship between people and buildings, and between these and their environment, and of the need to relate buildings and the spaces to human needs and scale.

Cross-curricular competencies:

- CT01 Responsibility: aptitude or capacity to face responsibility that the profession of architect has in society, particularly when elaborating projects that take into consideration social and environmental factors.
- CT02 Self-confidence.
- CT03 Awareness of ethical values: ethical commitment, which includes the understanding and knowledge of the rights and duties of individuals and professional people, fostering respect for human rights, the protection of the most vulnerable members of society and respect for the environment.
- CT04 Communication skills in the native language (both oral and written) and in the English language, in accordance with the principles the Universidad Europea de Madrid, any concept or specification for the development of the regulated profession of architect. This includes learning the specific vocabulary of the degree as well as the ability to manage information.
- CT05 Interpersonal skills.
- CT06 Flexibility
- CT07 Teamwork: Ability to work in teams of architects, or in interdisciplinary teams (with shared responsibility in many cases), managing and planning work groups that are necessary in the scheme of competences and tasks that are defined for projects of a certain scale, in which several disciplines come together. This ability includes skills for interpersonal relations and team leadership.
- CT08 Initiative and the spirit of an entrepreneur, both in the area of architecture as well as in business.
- CT09 Planning and time management: Ability to plan work in order to comply with delivery times and to respect the limits imposed by budgets and building codes.
- CT10 Innovation and creativity: Creativity, imagination and aesthetic sensitivity applied to the design in order to satisfy the both the aesthetic and technical demands. This competence includes critical reasoning and historical culture.

Specific competencies:

- CE10 Knowledge of basic topography, hypsometry, mapping and earthmoving techniques, adapted and applied to architecture and urbanism.
- CE51 Adequate knowledge of the methods for studying social needs, quality of life, habitability and basic housing programmes.
- CE52 Adequate knowledge of ecology, sustainability and the principles of conservation of energy and environmental resources.
- CE53 Adequate knowledge of the architectural, urban and landscaping traditions of western culture, as well as their technical, climatic, economic, social and ideological foundations.
- CE57 Adequate knowledge of urban sociology, theory, economics and history.

Learning outcomes:

- LO1 Acquire the graphic and theoretical tools to deal with the analysis and diagnostic process in urban interventions.
- LO2 Acquire a theoretical and overall view of the city, of the urban network and their integration into the surrounding landscape.

- LO3 Understand basic concepts related to the representation of the land and the basic urban parameters.
- LO4 Understand how cities are formed and their subsequent development.
- LO5 Understand the basic concepts and schema in which the rest of urban studies will be developed during the degree course.
- LO6 Understand the ecological sense of the nature and location of the sites.
- LO7 Make in-depth searches for references, databases, and basic bibliographic sources related to knowledge of the environment and of urban statistics.
- LO8 Acquire the skills to plan work, both individually and in a group.

The following table shows the relationship between the competencies developed during the course and the learning outcomes pursued:

Competencies	Learning outcomes
CB1, CG2, CT10, CE1	LO1 Acquire the graphic and theoretical tools to deal with the analysis and diagnostic process in urban interventions.
CB5, CG1, CG2, CG7, CT10	LO2 Acquire a theoretical and overall view of the city, of the urban network and their integration into the surrounding landscape.
CB2, CB4, CT4, CT5, CT10	LO2 Acquire a theoretical and overall view of the city, of the urban network and their integration into the surrounding landscape.
CT9	LO4 Understand how cities are formed and their subsequent development.
CB2, CT4, CT5, CT6	LO5 Define the city planning instruments and the basis for the management of those processes.
CT1, CT6, CT9	LO6 Understand the ecological sense of the nature and location of the sites.
CB3, CB5	LO7 Make in-depth searches for references, databases, and basic bibliographic sources related to knowledge of the environment and of urban statistics. LO8 Acquire the skills to plan work, both individually and in a group.

4. CONTENT

The subject is organized into two Learning Units (LU), which are divided into themes each (depending on the units).

LU1. CITY HISTORY:
- Urban processes: time and place
- Evolutionary concepts: the urban pre-history, the adjustment to the context and other training parameters, Extension vs. Urban reform, Utopia and Planning. The consolidated urban fabrics.
- Planned intervention models: the understanding of the contemporary urban fact.

LU2. URBAN DEVELOPMENTS BASICS.
- Knowledge and interpretation of the physical environment (biotic and abiotic)
- Knowledge and interpretation of the human environment, sociology and urban economy.
- Use, construction and transformation of the city and the urban space: groups and social relations.
- Ecology (physical geography): the ecological sense of the form and situation of cities.

- City, parts, public space: the scales of the phenomenon and urban planning
- Urban morphology: forms of growth, elements and urban parameters.
- Urban uses and functions: analysis and understanding.

5. TEACHING-LEARNING METHODOLOGIES

The types of teaching-learning methodologies used are indicated below:

- Master lectures/classes
- Guided studies, practical exercises, problem-solving
- Inclusive approach to working groups
- Independent work Tutorials, follow-up and evaluations

6. LEARNING ACTIVITIES

Listed below are the types of learning activities, the number of hours the student will spend on each one and the course policy about the use of artificial intelligence (AI) in that activity:

Campus-based mode:

Learning activity	Number of hours	Use of AI
Master lectures/classes	10 h	Allowed
Guided studies, practical exercises, problem-solving	36 h	Allowed
Exhibition of works	4 H	Not Allowed
Inclusive approach to working groups	40 h	Allowed
Independent work	40 h	Promoted
Tutorials, follow-up and evaluations	20 h	Not Allowed
TOTAL	**150 h**	

Further details about the AI use policy will be published through the virtual campus platform once the course has started.

7. ASSESSMENT

Listed below are the assessment systems used and the weight each one carries towards the final course grade:

Campus-based mode:

Assessment system	Weight
Exam	20%
Practices submissions and presentations	70%
Participation and activities in class	10%

When you access the course on the *Campus Virtual*, you'll find a description of the assessment activities you have to complete, as well as the delivery deadline and assessment procedure for each one.

7.1. First exam period

To pass the course in the first exam period, you must obtain a final course grade of at least 5.0 out of 10 (weighted average).

Attendance is compulsory for 70% of the face-to-face teaching hours. Delays of more than 10 minutes are considered as absences. If you reach the minimum mandatory attendance, the final grade of the course will be a maximum of 4.0 or the average grade of all the exercises and exams, if this does not reach 4.

In any case, it will be necessary to obtain a grade greater than or equal to 4.0 in the exams, oral or written, so that it can be averaged with the rest of the activities. If you do not pass this grade, the final grade of the course will be a maximum of 4.0 or the average grade of all the exercises and exams, if this does not reach 4.

Additionally, an oral test will be held when the professor appreciates doubts in the authorship of the work.

7.2. Second exam period

To pass the course in the first exam period, you must obtain a final course grade of at least 5.0 out of 10 (weighted average).

In any case, it will be necessary to obtain a grade greater than or equal to 4.0 in the exams, oral or written, so that it can be averaged with the rest of the activities. If you do not pass this grade, the final grade of the course will be a maximum of 4 or the average grade of all the exercises and exams, if this does not reach 4.

The student must deliver all the activities and exams of the ordinary evaluation. The practical activities can change their location with respect to those used during the regular course of the ordinary call, providing new statements for each of them if necessary. The activities to hand in will be done individually.

Additionally, an oral test will be carried out when the professor appreciates doubts in the authorship of the work.

In order to be able to take this exam, it is necessary to attend at least two monitoring sessions.

8. SCHEDULE

This table shows the delivery deadline for each assessable activity in the course:

Assessable activities	Deadline
Activity 1: Territorial Analysis	week 1-5
Activity 2.1: Urban Fabric Analysis	week 6-9

Activity 2.2: Urban Design	week 9-16
Class activiites (Workshop)	week 1-15
Exams	week 1-16
City History Workshop (Presentations)	week 5-10

This schedule may be subject to changes for logistical reasons relating to the activities. The student will be notified of any change as and when appropriate.

9. BIBLIOGRAFÍA

The main references work for this subject are:

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- CHUECA GOITIA, Fernando Breve Historia del urbanismo Madrid, Alianza Editorial 1977
- PANERAI, CASTEX, DEPAULE, SAMUELS, several authors URBAN FORMS: Death and life of the urban block Architectural Press. 2004
- SOLÀ-MORALES I RUBIO, Manuel de Las formas de crecimiento urbano Barcelona. UPC. 1997

The recommended Bibliography is:

- AGENCIA DE MEDIO AMBIENTE. Madrid y su medio ambiente. Madrid, AMA Comunidad de Madrid. 1991
- ALEXANDER, Christopher. La ciudad no es un árbol, en Tres aspectos de matemática y diseño y La estructura del medio ambiente. Barcelona, Tusquets. 1971
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- BONET CORREA, Antonio. El urbanismo en España e Hispanoamérica. Madrid, Cátedra, 1991, Ensayos Arte Cátedra
- CANO FORRAT, Juan. Introducción a la historia del Urbanismo. Editorial UPV, Valencia 2003
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- Atlas de la Comunidad de Madrid. Madrid, CAM. 1992
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- CULLEN, Gordon. El paisaje urbano. Barcelona, Blume. 1981
- DELFANTE, Charles. Gran Historia de la ciudad: de Mesopotamia a Estados Unidos. Madrid, Abada Editores 2006
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- GARCÍA BELLIDO, A., TORRES BALBAS, L., CERVERA, L., CHUECA GOITIA, F., BIDAGOR, P., Resumen histórico del urbanismo en España. Madrid, I.E.A.L. 1968
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- KOSTOF, Spiro The City Assembled: Elements of Urban Form through History,
- Little Brown, Boston 1992; second printing Thames & Hudson New York 2005.
- KOSTOF, Spiro. The City Shaped: Urban Patterns and Meanings Through History. Second edition Thames & Hudson, New York 1999
- KOTKIN, Joel. La Ciudad. Una historia global . Debate. 2006
- LE CORBUSIER. A propósito del Urbanismo. Ed. Apóstrofe
- LEFEVBRE, Henri. El derecho a la ciudad. Madrid, Ediciones Península. 1960.
- LOPEZ DE LUCIO. R. Ciudad y urbanismo a finales del siglo XX. Universitat de Valencia. 1993.
- LYNCH, Kevin. La imagen de la ciudad. Barcelona, Ed. GG Reprints. 2006.
- MONTERO VALLEJO, Manuel. Historia del Urbanismo en España Vol1. Del neolítico a la baja edad media. Madrid Cátedra 1996
- MARSHALL, Stephen. Cities design and evolution. Routledge Paperback. 2008
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10. EDUCATIONAL GUIDANCE AND DIVERSITY UNIT

From the Educational Guidance and Diversity Unit we offer support to our students throughout their university life to help them reach their academic achievements. Other main actions are the students inclusions with specific educational needs, universal accessibility on the different campuses of the university and equal opportunities.

From this unit we offer to our students:

1. Accompaniment and follow-up by means of counselling and personalized plans for students who need to improve their academic performance.
2. In terms of attention to diversity, non-significant curricular adjustments are made in terms of methodology and assessment for those students with specific educational needs, pursuing an equal opportunities for all students.
3. We offer students different extracurricular resources to develop different competences that will encourage their personal and professional development.
4. Vocational guidance through the provision of tools and counselling to students with vocational doubts or who believe they have made a mistake in their choice of degree.

Students in need of educational support can write to us at:
orientacioneducativa@universidadeuropea.es

11. ONLINE SURVEYS

Your opinion matters!

The Universidad Europea encourages you to participate in several surveys which help identify the strengths and areas we need to improve regarding professors, degree programs and the teaching-learning process.

The surveys will be made available in the “surveys” section in virtual campus or via e-mail.

Your assessment is necessary for us to improve.

Thank you very much for your participation.

WORK PLAN FOR THE COURSE

HOW TO COMMUNICATE WITH YOUR PROFESSOR

Whenever you have a question about the content or activities, don't forget to post it to your course forum so that your classmates can read it.

You might not be the only one with the same question!

If you have a question that you only want to ask your professor, you can send him/her a private message from the Campus Virtual. And if you need to discuss something in more detail, you can arrange an advisory session with your professor.

It's a good idea to check the course forum on a regular basis and read the messages posted by your classmates and professors, as this can be another way to learn.

PLAGIARISM REGULATION

In accordance with the current student disciplinary regulations at Universidad Europea:

- Plagiarism, in full or in part, of intellectual works of any kind, is considered a very serious offense.
- Very serious offenses relating to plagiarism and the use of fraudulent means to pass assessment tests shall result in exclusion from the exams for the relevant period, as well as the inclusion of the offense and its details in the student's academic record.

USE OF AI REGULATION

The student must be the author of his/her work/activities.

The use of Artificial Intelligence tools (AI) must be authorized by the teacher in each assignment/activity, indicating in what way it uses is permitted. The teacher will inform in advance in which situations AI tools may be used to improve spelling, grammar and editing in general. The student is responsible for clarifying the information given by the tool and duly declaring the use of any AI tool, according to the guidelines given by the teacher. The final decision on the authorship of the work and the appropriateness of the reported use of an AI tool rests with the lecturer and those responsible for the degree.

DISCLAIMER

If there are doubts regarding the authorship of the submitted material, even within the AI usage policy of the subject, the teacher reserves the right to request additional observation to verify and properly control the origin of the produced work and to ensure that the expected learning outcomes have been duly achieved.