



POLITÉCNICA

INTERNATIONAL
CAMPUS OF
EXCELLENCE

COORDINATION PROCESS OF
LEARNING ACTIVITIES
PR/CL/001



E.T.S. de Edificación

ANX-PR/CL/001-01

LEARNING GUIDE

SUBJECT

545000094 - History Of Urban Law And Planning Of Madrid

DEGREE PROGRAMME

54IE - Grado en Edificación

ACADEMIC YEAR & SEMESTER

2020/21 - Semester 1



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1. Description

1.1. Subject details

Name of the subject	545000094 - History Of Urban Law And Planning Of Madrid
No of credits	6 ECTS
Type	Optional
Academic year of the programme	Fourth year
Semester of tuition	Semester 7 Semester 8
Tuition period	September-January
Tuition languages	English
Degree programme	54IE - Grado en Edificación
Centre	54 - Escuela Tecnica Superior de Edificación
Academic year	2020-21

2. Faculty

2.1. Faculty members with subject teaching role

Name and surname	Office/Room	Email	Tutoring hours *
Pilar Cristina Izquierdo Gracia (Subject coordinator)	Economía	pilarcristina.izquierdo@upm.es	M - 11:00 - 14:00
Maria Aurora Florez De La Colina	Desp. Proyectos	ma.florez@upm.es	Tu - 11:00 - 14:00

* The tutoring schedule is indicative and subject to possible changes. Please check tutoring times with the faculty member in charge.

3. Skills and learning outcomes *

3.1. Skills to be learned

CE14 - Conocimiento de la evolución histórica de las técnicas y elementos constructivos y los sistemas estructurales que han dado origen a las formas estilísticas

CG13 - Uso de la lengua inglesa en el ámbito de la edificación

CT01 - Uso de la lengua inglesa en el ámbito de la edificación

CT02 - Comunicación oral y escrita. Capacidad de análisis y síntesis y de discusión de ideas propias. Capacidad de comunicación a través de la palabra y la imagen.

CT03 - Creatividad

CT05 - Respeto medioambiental

CT06 - Uso de las Tecnologías de Información y Comunicación. Actitud vital positiva frente a las innovaciones sociales y tecnológicas

CT07 - Capacidad de búsqueda, análisis y selección de información

CT08 - Uso de la lengua inglesa

CT09 - Organización y Planificación. Aprendizaje autónomo. Hábito de estudio y método de trabajo.

CT16 - Resolución de problemas. Conflictos y crisis. Toma de decisiones

3.2. Learning outcomes

RA329 - RA02. Entender la evolución de las técnicas constructivas en diferentes ámbitos geográficos, teniendo presente otros condicionantes ajenos a la pura técnica.

RA105 - Colaborar responsablemente con los compañeros para optimizar el desarrollo del grupo y el aprendizaje de los componentes del equipo.

RA167 - Conocer la denominación y función de los componentes de un elemento constructivo

RA332 - RA06. Documentarse a la hora de enfrentarse al análisis de un edificio concreto, según la época de su construcción.

RA1 - Trabajo en equipo

RA328 - RA01. Aptitud para identificar los elementos y sistemas constructivos históricos, su función y puesta en obra, como adecuar los materiales de construcción a la tipología y uso del edificio.

RA330 - RA03. Adquirir una terminología técnico-arquitectónica.

RA17 - Distinguir las influencias que los factores históricos económicos y sociales han tenido en el desarrollo de los diferentes sistemas constructivos empleados en la construcción popular.

* The Learning Guides should reflect the Skills and Learning Outcomes in the same way as indicated in the Degree Verification Memory. For this reason, they have not been translated into English and appear in Spanish.

4. Brief description of the subject and syllabus

4.1. Brief description of the subject

The subject " History of Urban Law and the planning of Madrid " is an optional subject offered to undergraduate students in Building.

In this subject we analyze the development and evolution of the city of Madrid. Being a subject taught online, does not require the physical presence of students in class. However, it is offered the possibility of going to seminars, conferences and guided tours in Madrid .

Likewise, being a subject taught in the English language is sought through it, implement the knowledge of the English language.

4.2. Syllabus

1. Madrid, from its origins to the 18th Century.
2. Madrid in the 19th Century: Consequences of 'Desamortización' Laws in Madrid.
3. Madrid in the 19th Century : Transformations and Expansion Plans of the City
4. 19th to 20th Century Urban Transformations in Madrid : 'Gran Vía' Street, Linear City, University City Area?
5. Madrid in the 20th Century : Planning the city as a metropolis
6. Madrid in the 21st Century: A smart and sustainable city.

5. Schedule

5.1. Subject schedule*

Week	Face-to-face classroom activities	Face-to-face laboratory activities	Distant / On-line	Assessment activities
1			Seminar about the content of lesson 1 Duration: 01:00 Lecture	
2			Guided tour of the surroundings of the Royal Palace, La Latina and the Habsburg Quarter to explain the origins of the City of Madrid and its urban development. Duration: 03:00 Additional activities	
3				The student must deliver a paper in which he has to answer to a series of questions about the topic 1. Individual work Continuous assessment Presential Duration: 04:00
4			Seminar about the content of lesson 2 Duration: 01:00 Lecture	
5			Guided tour by the surroundings of the Prado Museum and the Retiro Park to explain Madrid of the XVIII; XIX and XX centuries and its urban development. Duration: 03:00 Additional activities	
6				The student must deliver a paper in which he has to answer to a series of questions about the topics of lesson 2. Other assessment Continuous assessment Presential Duration: 04:00
7			Seminar about the topics of lesson 3 Duration: 02:00 Cooperative activities	
8			Guided tour by the Madrid Rio Area. Duration: 03:00 Additional activities	
9				The student has to deliver a paper answering some questions about lesson 3 Other assessment Continuous assessment Presential Duration: 04:00

10			Seminar about the topics of lesson 4 Duration: 01:00 Lecture	
11				The student has to deliver a paper answering some questions about lesson 4 Other assessment Continuous assessment Presential Duration: 04:00
12			Seminar about the topics of lesson 5 Duration: 01:00 Lecture	
13				The student has to deliver a paper answering some questions about lesson 5 Other assessment Continuous assessment Presential Duration: 04:00
14			Seminar about the topics of lesson 6 Duration: 02:00 Cooperative activities	
15				The student must deliver a paper in english (at least 20 pages) about any topic of the urbanistic evolution of Madrid, detecting a problem and giving it a solution with his technical background Individual work Continuous assessment Presential Duration: 10:00
16				Test about the contents of the subject Written test Final examination Presential Duration: 02:00
17				

Depending on the programme study plan, total values will be calculated according to the ECTS credit unit as 26/27 hours of student face-to-face contact and independent study time.

* The schedule is based on an a priori planning of the subject; it might be modified during the academic year, especially considering the COVID19 evolution.

6. Activities and assessment criteria

6.1. Assessment activities

6.1.1. Continuous assessment

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
3	The student must deliver a paper in which he has to answer to a series of questions about the topic 1.	Individual work	Face-to-face	04:00	10%	5 / 10	CT02 CT06 CT09 CG13 CT07 CT08 CE14
6	The student must deliver a paper in which he has to answer to a series of questions about the topics of lesson 2.	Other assessment	Face-to-face	04:00	10%	5 / 10	CT02 CT06 CT09 CG13 CT01 CT07 CT08 CE14
9	The student has to deliver a paper answering some questions about lesson 3	Other assessment	Face-to-face	04:00	10%	5 / 10	CT02 CT06 CT09 CG13 CT07 CT08 CE14
11	The student has to deliver a paper answering some questions about lesson 4	Other assessment	Face-to-face	04:00	10%	5 / 10	CT02 CT06 CT09 CG13 CT01 CT07 CT08 CE14
13	The student has to deliver a paper answering some questions about lesson 5	Other assessment	Face-to-face	04:00	10%	5 / 10	CT02 CT06 CT09 CG13 CT07 CT08 CE14

15	The student must deliver a paper in english (at least 20 pages) about any topic of the urbanistic evolution of Madrid, detecting a problem and giving it a solution with his technical background	Individual work	Face-to-face	10:00	50%	5 / 10	CT02 CT16 CT06 CT09 CG13 CT01 CT03 CT05 CT07 CT08 CE14
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6.1.2. Final examination

Week	Description	Modality	Type	Duration	Weight	Minimum grade	Evaluated skills
16	Test about the contents of the subject	Written test	Face-to-face	02:00	100%	5 / 10	CT02 CT16 CT06 CT09 CG13 CT01 CT03 CT05 CT07 CT08 CE14

6.1.3. Referred (re-sit) examination

No se ha definido la evaluación extraordinaria.

6.2. Assessment criteria

Continuous evaluation. The student must present the 5 papers with the questions answered (50% of the final qualification) and a final paper about the urbanistic development of the city of Madrid, detecting a problem and giving a technical solution of it (50% of the final qualification)

Evaluated competences

CT01

CT02

CT03

CT07

CT06

CT09

CG13

CE14

CT16

CT05

CT08

7. Teaching resources

7.1. Teaching resources for the subject

Name	Type	Notes
web pages	Web resource	
Books, journals etc	Bibliography	
notes hanged in moodle by the professors	Web resource	

8. Other information

8.1. Other information about the subject

In this subject, the sustainable development objectives of the 2030 agenda are taken into account, and especially objective 11, which deals with sustainable cities and communities.