



1. General information

Course: ARCHITECTURE AND URBANISM DESIGN STUDIO I

Type: CORE COURSE

Degree: 378 - UNDERGRADUATE DEGREE PROGRAMME IN ARCHITECTURE

Center: 606 - SCHOOL OF ARCHITECTURE OF TOLEDO

Year: 1

Main language: Spanish

Use of additional
languages:

Web site:

Code: 11307

ECTS credits: 15

Academic year: 2021-22

Group(s): 40

Duration: C2

Second language: English

English Friendly: Y

Bilingual: N

Lecturer: JOSEFA BLANCO DE PAZ - Group(s): 40				
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Lecturer: MARIA DE LAS NIEVES CABAÑAS GALAN - Group(s): 40				
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Lecturer: ADOLFO DE MINGO LORENTE - Group(s): 40				
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Lecturer: BORJA RUIZ-APILANEZ CORROCHANO - Group(s): 40				
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2. Pre-Requisites

Not established

3. Justification in the curriculum, relation to other subjects and to the profession

Not established

4. Degree competences achieved in this course

Course competences

Code	Description
E02	Adequate and applied knowledge of metric and projective geometry in architecture and urban planning
E06	Adequate knowledge applied to architecture and urban planning of spatial representation systems: the analysis and theory of form and the laws of visual perception
E07	Adequate knowledge applied to architecture and urban planning in all its phases, from the drawing of notes to scientific restitution.
E08	Adequate and applied knowledge in architecture and urban planning of the basics of topography, hypsometry and cartography and techniques of land modification
E09	Ability to apply graphic knowledge to the representation of spaces and objects
E10	Ability to conceive and represent the visual attributes of objects
E11	Ability to master proportion
E12	Ability to master drawing techniques
E13	Ability to master computer drawing techniques
E28	Applied knowledge of ecology, sustainability and the principles of conservation of energy and environmental resources
E45	Ability to apply and exercise architectural criticism
E46	Ability to catalogue built and urban heritage and plan its protection
E48	Applied knowledge of general theories of form, composition and architectural types
E49	Applied knowledge of the general history of architecture
E50	Applied knowledge of the aesthetics and theory and history of fine and applied arts
E51	Applied knowledge of the relationship between cultural patterns and the architect's social responsibilities
E52	Applied knowledge of the basics of vernacular architecture
E53	Applied knowledge of the architectural, urban and landscape traditions of the urban and landscape traditions of Western culture, as well as their technical, climatic, economic, social and ideological foundations.
E55	Applied knowledge of ecology, sustainability and the principles of conservation of energy and environmental resources
E56	Applied knowledge of the methodological foundations of urban planning and spatial and metropolitan planning
E58	Applied knowledge of urban sociology, theory, economics and history
E63	Applied knowledge of methods of studying social needs, quality of life, habitability and basic housing programmes
E67	Skills for practical conception and development of urban projects
E70	Ability to remove architectural barriers
E73	Ability to solve energy efficiency and natural lighting problems

E74	Ability to prepare environmental, landscape and environmental impact correction studies
E77	Ability to design and execute urban layouts
G01	Capacity for analysis and synthesis
G02	Organizational and planning skills
G03	Information management capacity
G04	Problem solving
G05	Decision making
G06	Critical thinking
G07	Working in a team
G08	Working in an interdisciplinary team
G09	Working in an international context
G10	Interpersonal skills
G11	Recognition of diversity and multiculturalism
G12	Self-directed learning
G13	Adaptation to new situations
G14	Conflict management and negotiation
G15	Sensitivity to environmental issues
G16	Creativity
G17	Leadership
G18	Initiative and entrepreneurship
G19	Innovation
G20	Motivation for quality
G22	Mastery of Information and Communication Technologies (ICT)
G24	Ethical commitment and professional ethics

5. Objectives or Learning Outcomes

Course learning outcomes

Description

To provide the student with an adequate knowledge of ecology, sustainability and the principles of conservation of energy and environmental resources, urban sociology, theory, economics and history, the methodological foundations of urban planning and territorial and metropolitan planning, the mechanisms for drafting and managing urban plans at any scale, and a general knowledge of civil, administrative, urban planning, building and industrial regulations relating to professional performance, and the valuation of real estate.

Additional outcomes

6. Units / Contents

Unit 1:

Unit 1.1

Unit 2:

Unit 3:

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Problem solving and/or case studies [ON-SITE]	Project/Problem Based Learning (PBL)	E06 E08 E09 E10 E11 E12 E13 E45 E48 G04 G06 G10 G13 G19 G20 G22 G24	4.2	105	Y	N	
Other off-site activity [OFF-SITE]	Combination of methods	E02 E06 E07 E08 E09 E10 E11 E12 E13 E48 G01 G02 G04 G05 G12 G13 G16 G19 G20 G22 G24	3.6	90	Y	N	
Class Attendance (theory) [ON-SITE]	Lectures	E49 E51 E53 E55 E56 E58 E67 E70 G03 G11 G15 G20 G24	0.6	15	N	-	
Class Attendance (theory) [ON-SITE]	Reading and Analysis of Reviews and Articles	E51 E53 E55 E56 E58 E67 E70 G01 G02 G03 G11 G15 G20 G24	0.2	5	Y	N	
Workshops or seminars [ON-SITE]	Combination of methods	E02 E06 E07 E08 E09 E10 E11 E12 E13 E28 E51 E53 E55 E56 E58 E63 E67 E70 E77 G01 G02 G03 G04 G05 G06 G07 G08 G09 G10 G11 G13 G14 G15 G16 G17 G20 G22 G24	0.3	7.5	Y	N	
In-class Debates and forums [ON-SITE]	Debates	E51 E53 G01 G02 G03 G06 G07 G09 G10 G11 G13 G14 G15 G17 G20 G24	0.3	7.5	Y	N	
Writing of reports or projects [OFF-SITE]	Combination of methods	E02 E06 E07 E08 E09 E10 E13 E28 E48 E51 E53 E55 E56 E58 E67 E70 G01 G02 G03 G04 G05 G06 G07 G08 G09 G11 G12 G13	2.4	60	Y	N	

		G15 G16 G17 G18 G19					
Study and Exam Preparation [OFF-SITE]	Combination of methods	G20 G22 G24 E02 E06 E07 E08 E09 E28 E48 E51 E53 E55 E56 E58 E67 E70 G01 G02 G03 G04 G05 G06 G11 G12 G15 G20 G22 G24	1.2	30	N	-	
Final test [ON-SITE]	Assessment tests		0.1	2.5	Y	Y	
Class Attendance (theory) [ON-SITE]	Lectures	E45 E46 E48 E49 E50 E51 E52 E53 G01 G02 G03 G04 G05 G06 G11 G16 G24	0.3	7.5	Y	N	
Writing of reports or projects [OFF-SITE]	Combination of methods	E11 E12 E45 E46 E48 E49 E50 E51 E52 E53 G01 G02 G03 G04 G05 G06 G07 G08 G09 G10 G11 G12 G13 G22 G24	1.2	30	Y	N	
Study and Exam Preparation [OFF-SITE]	Combination of methods	E11 E12 E45 E46 E48 E49 E50 E51 E52 E53 G02 G03 G04 G05 G06 G09 G12 G14 G15 G16 G17 G18 G19 G20	0.6	15	Y	N	
Total:			15	375			
Total credits of in-class work: 6			Total class time hours: 150				
Total credits of out of class work: 9			Total hours of out of class work: 225				

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System			
Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Other methods of assessment	100.00%	100.00%	
Total:	100.00%	100.00%	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
Unit 1 (de 3):	
Activities	Hours
Problem solving and/or case studies [PRESENCIAL][Project/Problem Based Learning (PBL)]	45
Other off-site activity [AUTÓNOMA][Combination of methods]	90
Group 40:	
Initial date: 27-01-2020	End date: 22-05-2020
Unit 2 (de 3):	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	15
Class Attendance (theory) [PRESENCIAL][Reading and Analysis of Reviews and Articles]	7.5
Workshops or seminars [PRESENCIAL][Combination of methods]	28
In-class Debates and forums [PRESENCIAL][Debates]	7.5
Writing of reports or projects [AUTÓNOMA][Combination of methods]	60
Study and Exam Preparation [AUTÓNOMA][Combination of methods]	30
Final test [PRESENCIAL][Assessment tests]	2
Group 40:	
Initial date: 25/01/2019	End date: 13/05/2019
Unit 3 (de 3):	
Activities	Hours
Final test [PRESENCIAL][Assessment tests]	2
Class Attendance (theory) [PRESENCIAL][Lectures]	15
Writing of reports or projects [AUTÓNOMA][Combination of methods]	30
Study and Exam Preparation [AUTÓNOMA][Combination of methods]	13
Global activity	
Activities	hours
Problem solving and/or case studies [PRESENCIAL][Project/Problem Based Learning (PBL)]	45
Other off-site activity [AUTÓNOMA][Combination of methods]	90
Writing of reports or projects [AUTÓNOMA][Combination of methods]	60
Study and Exam Preparation [AUTÓNOMA][Combination of methods]	30
Final test [PRESENCIAL][Assessment tests]	4
Class Attendance (theory) [PRESENCIAL][Lectures]	15

Writing of reports or projects [AUTÓNOMA][Combination of methods]	30
Study and Exam Preparation [AUTÓNOMA][Combination of methods]	13
Class Attendance (theory) [PRESENCIAL][Lectures]	15
Class Attendance (theory) [PRESENCIAL][Reading and Analysis of Reviews and Articles]	7.5
Workshops or seminars [PRESENCIAL][Combination of methods]	28
In-class Debates and forums [PRESENCIAL][Debates]	7.5
Total horas: 345	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
Ramos, A. (Ed.)	Lo urbano en 20 autores contemporáneos	UPC		84-8301-752-0	2004	U
Aicher, Otl	El mundo como proyecto	Gustavo Gili		978-84-252-2028-9	2007	P
Arnheim, R.	La forma visual de la arquitectura	Gustavo Gili		84-2521-827-6	2001	P
Bachelard, Gaston	La Poética del espacio	Fondo de Cultura Económica		978-16-0923-8	2010	P
Barasch, Moshe	Teorías del arte : de Platón a Winckelmann	Alianza Editorial		978-84-206-7108-6	2010	C
Benevolo, Leonardo	Historia de la arquitectura moderna	Gustavo Gili		84-252-0797-5	1987	P
Benévolo, Leonardo	Diseño de la ciudad	Gustavo Gili		8425210275	1981	C
Blaser, Werner	Mies van der Rohe : the art of structure = Die Kunst der Str	Whitney Library of Design		0-8230-3064-4	1994	P
Capitel, Antón	Metamorfosis de monumentos y teorías de restauración.	Alianza	Madrid		1988	
Casals Balagué, Albert	El arte, la vida y el oficio de arquitecto	Alianza		84-206-6781-1	2002	C
Ching, Francis D.K.	La arquitectura : forma, espacio y orden	Gustavo Gili		978-84-252-2344-0	2010	P
Choay, Françoise	El urbanismo, utopías y realidades	Lumen		84-264-10474-X	1983	U
FARIÑA TOJO, José	Clima, territorio y urbanismo	Escuela Técnica Superior de Arquitectura		8487130070	1990	U
Focillon, Henri	La vida de las formas	Xarait		84-85434-19-6	1983	P
García Roig, José Manuel	Elementos de análisis arquitectónico	Universidad de Valladolid			1988	C
Giedion, Siegfried	Espacio, tiempo y arquitectura : (el futuro de una nueva tra	Dossat		84-237-0375-4	1982	C
González-Varas Ibáñez, Ignacio	Ciudad, Paisaje y Territorio: Conceptos, Métodos y Experiencias.	Munilla-Lería	Madrid	978-84-942392-7-4	2016	
González-Varas Ibáñez, Ignacio	Conservación de bienes culturales. Teoría, historia, principios y normas.	Manuales de Arte Cátedra	Madrid	84-376-1721-9	2010	
González-Varas Ibáñez, Ignacio	Las ruinas de la memoria. Ideas y conceptos para una (im)posible teoría del patrimonio cultural.	Siglo XXI. Premio Internacional de Ensayo	México D.F.	978-607-03-0579-5	2014	
González-Varas Ibáñez, Ignacio	Patrimonio Cultural: Conceptos, debates y problemas.	Cátedra	Madrid	84-376-3417-3	2015	
Gravagnuolo, Benedetto	Historia del urbanismo en Europa, 1750-1960	Akal		84-460-0627-8	1998	U
Hall, Peter	Ciudades del mañana : historia del urbanismo en el siglo XX	Ediciones del Serbal		84-7628-190-0	1996	U
Hereu Payet, Pere	Textos de arquitectura de la modernidad	Nerea		84-86763-85-1	1999	C
Jacobs, Allan B.	Grandes calles	Servicio de Publicaciones de la Universidad de		84-8102-119-9	1996	U
Kostof, Spiro	Historia de la arquitectura	Alianza Editorial		978-84-206-7996-9	2006	C
Kruft, Hanno-Walter	Historia de la teoría de la arquitectura	Alianza		84-206-7996-8 (o.c.)	1990	C
Le Corbusier (1887-1965)	El espíritu nuevo en arquitectura : en defensa de la arquite	Colegio Oficial de Aparejadores y Arquitectos T		84-500-8440-7	2005	P
Le Corbusier (1887-1965)	El modulator	Poseidon		84-85083-03-2 (vol.	1980	P
Le Corbusier (1887-1965)	Hacia una arquitectura	Apóstrofe		84-455-0174-7	1998	P
Le Corbusier (1887-1965)	Precisiones respecto a un estado actual de la arquitectura y	Apóstrofe		84-455-0183-6	1999	P
Lynch, Kevin	La imagen de la ciudad	Gustavo Gili		84-252-1748-2	1998	U
López de Lucio, Ramón	Ciudad y urbanismo a finales del siglo XX	Universitat, Servei de		84-370-1439-5	1993	U

MARTÍ ARÍS, C	formas de residencia en la ciudad moderna: vivienda y ciudad en la Europa de entreguerras	Publicacions Edicions UPC Universitat Politècnica de Catalunya			2000	C
Maderuelo, Javier	El paisaje. Génesis de un concepto.	Abada	Madrid		2005	
Maderuelo, Javier (coord.)	Paisaje y patrimonio.	Abada	Madrid		2010	
Martín Hernández, Manuel J.	La Invención de la arquitectura	Celeste		84-8211-091-8	1997	C
McHarg, Ian L.	Proyectar con la naturaleza	Gustavo Gili		84-252-1783-0	2000	U
Montaner, Josep Maria	Sistemas arquitectónicos contemporáneos	Gustavo Gili		978-84-252-2190-3	2009	C
Munari, Bruno	¿Cómo nacen los objetos?	Gustavo Gili	Barcelona	84-252-1154-9	2011	
MÜLLER, W. y VOGEL, G	Atlas de la arquitectura	Alianza			1984	C
Neufert, Ernst (1900-1986)	Arte de proyectar en arquitectura : fundamentos, normas, pre	Gustavo Gili		978-84-252-2167-5	2010	P
Nogué, J.	La construcción social del paisaje.	Biblioteca Nueva	Madrid		2007	
Norberg Schulz, Christian	Existencia, espacio y arquitectura	Blume	Barcelona	ISBN 84-252-1157-3	1975	
Norberg-Schulz, Christian	Los principios de la arquitectura moderna : sobre la nueva t	Reverté		978-84-291-2107-0	2009	C
PATTETA, L	Historia de la Arquitectura. Antología crítica	Celeste			1997	C
Paricio Ansuategui, Ignacio	Vocabulario de arquitectura y construcción	Bisagra		84-923125-6-4	2006	P
Pevsner, Nikolaus	Breve historia de la arquitectura europea	Alianza Editorial		84-206-7126-6	1994	C
Pevsner, Nikolaus	Pioneros del diseño moderno : de William Morris a Walter Gro	Infinito		987-9393-03-1	2003	P
Piñón, Helio	Curso básico de proyectos	Universidad Politécnica de Cataluña		84-8301-256-1	1998	P
Rasmussen, Steen Eiler	La Experiencia de la arquitectura : sobre la percepción de n	Reverté		84-291-2105-6	2007	P
Riegl, Aloïs	El culto moderno a los monumentos. Caracteres y origen.	Visor	Madrid		1987	
Rivera Blanco, Javier	De varia restauratione. Teoría e historia de la restauración arquitectónica.	Abada	Madrid		2008	
Ronner, Heinz	Louis Kahn / Complete Works 1935-74	Birkhäuser Publishers			1987	P
Rossi, Aldo	La arquitectura de la ciudad	Gustavo Gili		978-84-252-1606-0	2007	U
Rowe, Colin	Ciudad collage	Gustavo Gili		84-252-1047-X	1981	U
Rudofsky, Bernard (1905-1988)	Architecture without architects : a short introduction to no	University of New Mexico		0-8263-1004-4	1987	P
Sica, Paolo (1935-)	Historia del Urbanismo : el siglo XX	Instituto de Estudios de Administración Local		84-7088-275-9	1981	U
Solà-Morales i Rubió, Manuel de	Las formas de crecimiento urbano	UPC		84-8301-197-2	2008	U
Tatarkiewicz, Wladislav	Historia de seis ideas. Arte, belleza, forma, creatividad, mimesis, experiencia estética.	Tecnos	Madrid		1988	
Wall, Ed & Waterman, Tim	Arquitectura del Paisaje: Diseño Urbano	Nerea		978-84-15042-23-5	2012	U
	Alvar Aalto : [Das gesamtwerk = L'oeuvre complète = The comp	Birkhäuser Verlag		3-7643-5500-X (o.c.)	1995	P
	Le Corbusier et Pierre Jeanneret : oeuvre complète [en 8 vol	Birkhäuser Publisher		978-3-7643-5515-9 (o	2006	P
Wheeler, S. M y Beatley, T.	The Sustainable Urban Development Reader	Routledge		978-0-415-70776-3	2014	U
Gehl, Jan	Ciudades para la gente	Infinito		9879393805	2014	U
Alonso Pereira, José Ramón	Introducción a la historia de la arquitectura. De los orígenes al siglo XXI	Reverté		978-84-291-2108-7	2009	
Rodríguez-Tarduchy, María José	Forma y ciudad: en los límites de la arquitectura y el urbanismo	Cinter Divulgación Técnica		978-84-939305-0-9	2011	