



Universidad
de Alcalá

COURSE

STUDIO DESIGN 6

Course Coordinator:
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**Undergraduate Degree in the
Fundamentals of Architecture and
Town Planning
University of Alcalá**

Academic Year / 2020-2021

4th Year – 1st Semester

COURSE GUIDE

Course Name:	STUDIO DESIGN 6
Course Code:	256027
Degree to be obtained:	DEGREE IN THE FUNDAMENTALS OF ARCHITECTURE AND URBAN PLANNING
Department and Knowledge Area:	ARCHITECTURE / ARCHITECTURAL PLANNING
Nature of Course:	COMPULSORY
ECTS Credits:	12 ECTS
Year/Semester:	4th Year / 1st Semester
Faculty:	Profile in Architectural Planning
Tutoring Timetable:	According to the course timetable: two hours before or after class, students should state their preference to the teacher; if this time is not possible, the time will be decided with the teacher.
Language of Instruction:	Spanish, English

1. INTRODUCTION

General Description:

“Studio Design” is a discipline that encompasses all other subjects, giving a whole sense of the architect’s learning. Therefore, it is the core, essential course for achieving excellence in this field. This course merges the artistic, scientific and technical features of Architectural Studies. Planning 6 is the sixth in the module, which culminates with graduation. It is a semester-long course and, because it makes up part of a continual module, it cannot be classified fully in one short introduction, so each specific program will outline its own content.

Relationship with other courses in the Knowledge Area:

Being a single module, learning throughout this course will be gradual, continuous and accumulative.

Areas of work:

- Design work on multiple scales.
- Complex architectural plans.
- Transport, housing and consumer services.
- Typological mutation.

- Technique integrated into space.
- Structure, epidermis and installations in architectural planning.
- Passive and active refurbishment.

1. Comprehensive case studies, reflective analysis, development of architectural plans and synthesis of ideas. Level 6, intermediate-advanced.
2. Development of information searching and document selection ability. Level 6, intermediate-advanced.
3. Ability to explain and discuss using references; communicate ideas and express yourself well orally, graphically, through writing and in plastic. Critical analysis. Level 6, intermediate-advanced.
4. Independent learning and teamwork. Level 6, intermediate-advanced.

Professional profile:

- Personal training (values, ethics).
- Artistic training.
- Practical training (artistic, professional, disciplinary).

Prerequisites and recommendations:

- Do not take more than one course from the Architectural Planning module per semester.

2. COURSE AIMS

General Aims:

- GA2 - Sufficient knowledge of architectural history and theory, as well as knowledge of the arts, technology and related human sciences.
- GA3 - Knowledge of the fine arts as a factor that can influence the quality of architectural conception.
- GA5 – Ability to understand the relationships between people and buildings, and between the buildings and their surroundings, as well as the need to relate buildings and the spaces located between them according to human needs and scale.
- GA10 - Ability to come up with ideas in order to satisfy the requirements of the users of the building, respecting the limits imposed by budgetary factors and construction regulations.

Cross-curricular Aims:

- CA1 - Understand architectural history and theories, as well as the arts, technology and related human sciences.
- CA2 - Understand the role of fine arts as a factor that can influence the quality of architectural conception.
- CA7 - Understand the relationships between people and buildings, and between the buildings and their surroundings, as well as the need to relate buildings and the spaces located between them according to human needs and scale.

Specific Aims:

- Pro1 - Ability to invent, practise and create sketches and preliminary studies.
- Pro2 - Exercise architectural criticism.
- Pro3 - Ability to create functional plans of buildings and urban spaces.
- Pro4 - Ability to overcome architectural obstacles.
- Pro7 - Sufficient knowledge of the methods of study of symbolisation processes, practical functions and ergonomics.
- Pro9 - Design and execute urban blueprints and urban planning, gardening and landscape plans; produce environmental landscape studies and environmental impact correction studies.

3. COURSE CONTENT

Content Modules (may specify topics if deemed necessary)	Total number of classes, credits or hours
<p>Micro and macro scale planning at the same time. High-complexity urban contexts with visible architectural objects. Producing complexity from simple elements through relationship strategies. Command of interstitial space and thresholds on all scales. Varied and innovative programs linked with new habitability models. Infrastructural interventions and renovation in the urban environment.</p>	
<p>Review of monofunctional zoning. Review of the ideal of a compact city. The balance of mobility with habitability. Review and typological experimentation. Innovation by updating purpose. Typological permanence and formal and technical innovation. Social mutations and how they are reflected in the way we use space. New economies and their urban impact: austerity, insecurity, cooperation and digital production.</p>	
<p>The notion of technical and integrated objects. The connection between form, energy flow, cost, production, assembly and dismantling. The process of reuse and recycling on multiple scales and the environmental footprint. Integration and independence in construction processes: structure, membrane and facilities. The scope of refurbishment systems.</p>	

The organization of content in a linear structure or logical sequence, which may be altered throughout the project by “image exercises” and “intensity exercises”. These exercises will help us to practise the zoom in and zoom out processes that are characteristic of the architectural planning process.

Content Schedule:

1. Analysis and study of cases linked with the content of the exercise.
2. Ideas and the selection of most appropriate line of development.
3. Development of architectural plan (graphics, mock-ups).
4. Final draft and critical evaluation.

3 ECTS

3 ECTS

3 ECTS

3 ECTS

Total: 12 ECTS

Scheduling

Based on the number of students, we will establish the number of groups and assign teachers to them. They will present the specific content of their courses at the beginning of the academic year.

4. TEACHING AND LEARNING METHODS.-EDUCATIONAL ACTIVITIES

- Introduction to the topic (lecture): course lecture.
- Case studies (analysis and presentation): in order to apply, go into depth and develop knowledge.
- Planning production (independent work and feedback session): generate transference, search for creativity and accuracy, critical evaluation.
- Generate reading habits around the discipline, visits to exhibitions and trips.

4.1. Distribution of Credits (specify in hours)

Number of contact hours: 100 hours	Whole group classes, smaller groups, theory, practical activities, exhibition of work, feedback sessions.
Number of student self-study hours: 200 hours	Includes tutorials, study time, completion of activities, exam preparation, online activities.
Total: 12 ECTS (2 theory + 10 practical) 300 hours	

4.2. Methodological Strategies, Materials and Teaching Resources

Theory Classes:	Case studies, examples of the planning process. Presentation of analysis through bibliographic searches.
Feedback Sessions:	In groups (presentation on screen and corkboard) and individually (at desk).
Materials and Resources:	The classroom: screen (digital, slides), whiteboard, corkboard, desks. Others: various teachers, guest lecturers, architecture visits.

5. ASSESSMENT: Procedures, assessment and grading criteria¹

Assessment will be based on continuous assessment over the course (folder), one normal exam/exam period and one resit.

In terms of the continuous assessment, the following will be taken into account: class attendance, enthusiasm and participation during contact hours, the completion and individual presentation of the set exercises and, if applicable, the completion of group work and presentation and defence of said work either individually or as a group.

In addition, the following will be taken into account:

- Clear concept of the assignment and its presentation, valuing the coherence/rationality between what was asked for and the resulting work.
- Strategies and procedures used for resolving the issues raised and strategies for the organisation of work in the given time frame.
- Creativity, ability to offer original solutions to the issues raised.
- Dedication shown in assignments, as well as enthusiasm and participation from the perspective of personal research.

The grade, on a scale from 1 to 10 as detailed below (both for the course assessment aspects as well as the exams), will be decided on by the teacher or teachers based on the following:

- | | |
|---|------|
| - Knowledge acquisition and understanding | 33 % |
| - Development of ideas, application and originality | 33 % |
| - Participation in feedback sessions | 33 % |

Grade Scale:

- Distinction and merit: excellent command of basic knowledge, high level of reflection and application, development of original ideas, completion of all tasks, teamwork, searched for complementary materials.
- Good: good command of knowledge, average level of reflection

¹ It is important to highlight the assessment procedures: for example continuous assessment, final assessment, self-assessment and peer assessment. Tools and resources: assignments, activities. Criteria or indicators that will be evaluated in relation to the course aims: command of conceptual knowledge, application, knowledge transfer. In terms of the grading system, **recall the Regulation of the Governing Board from the 16th of July 2009**: grading based on continuous assessment will represent **at least 60%** of the grade. This percentage may be raised in the course guide.

- Pass: sufficient knowledge and reflection
- Fail: low level of understanding and application, lack of participation in tasks, lack of participation in the group

Course Assessment Procedures:

- Continuous assessment of the all tasks contributing to the creation of the plans.
- Student self-assessment (optional), on a scale of A, B or C (good, average, poor), which will serve as guidance in the middle of the semester.
- Peer-review between the teachers of the group.

Ordinary Exams and Resits:

The exams will consist of an architectural plan based on a brief that will be explained at the specified time on the day of the exam. The plans will be handed in two weeks later, on the date indicated on the exam timetable, and will be corrected by the teachers who taught the course throughout the semester or, if they are no longer under contract, they will be marked by the full-time professors who are in charge of the respective courses.

6. BIBLIOGRAPHY

Basic Bibliography:

- Abalos, I. y Herreros, J.; **Técnica y arquitectura en la ciudad contemporánea** (industrialización y tipo arquitectónico)
- Fannelli, Giovanni; **El principio del revestimiento** (modernidad y técnica)
- García Vázquez, Carlos; **Ciudad hojalde** (habitabilidad contemporánea)
- Koolhaas, Rem; **Delirios de Nueva York** (mutaciones tipológicas)
- Martí, Carlos; **Las variaciones de la identidad** (tipo y permanencia)
- Simondon, Gilbert; **Los modos de existencia del objeto técnico** (filosofía y técnica)

Supplementary Bibliography:

- Resources related to the place and suggested program of the course.

ANEXO PARA LA ASIGNATURA:

STUDIO DESIGN 6

Código: 256027

**Grado en
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Curso Académico 2020/2021

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La Universidad de Alcalá garantiza a sus estudiantes que, si por exigencias sanitarias las autoridades competentes impidieran la presencialidad total o parcial de la actividad docente, los planes docentes alcanzarían sus objetivos a través de una metodología de enseñanza-aprendizaje y evaluación en formato online, que retornaría a la modalidad presencial en cuanto cesaran dichos impedimentos.
