

30713 - Architectural Composition 2

Syllabus Information

Academic Year: 2020/21

Subject: 30713 - Architectural Composition 2

Faculty / School: 110 - Escuela de Ingeniería y Arquitectura

Degree: 470 - Bachelor's Degree in Architecture Studies

ECTS: 6.0

Year: 2

Semester: First semester

Subject Type: Compulsory

Module: ---

1.General information

1.1.Aims of the course

The general aim of the course is to provide the student with the tools he or she needs to gain a deep, reflective knowledge of the History and Theory of Western Architecture, from the origins of the Renaissance in Florence to the end of the XIX century. The course should help him develop a clear, diachronic and sequential understanding of the phenomenon, and show him different paths to approach the analysis and interpreting of the architectural fact, as well as the compositional mechanisms behind it.

1.2.Context and importance of this course in the degree

The course aims at fostering an understanding of the architecture profession and its role in society, through the study of its relationship with the latter throughout History. It also aims at providing the student with tools that help him develop architectural designs grounded on an ample and rigorous knowledge of the basic concepts of the discipline.

1.3.Recommendations to take this course

Previous knowledge of History of Architecture is recommended. This knowledge is provided by the course Theory and History of Architecture 1 (Composición Arquitectónica 1). Therefore, it is highly recommended to have taken and passed that course.

2.Learning goals

2.1.Competences

The specific skills the student develops throughout this course, which are framed in the Theory and History of Architecture Area as defined in the verification report of the Degree in Architecture Studies of the University of Zaragoza are the following ones:

- CE35OB.
- CE40OB.
- CE41OB.
- CE47OB.
- CE48OB.
- CE50OB.
- CE52OB.
- CE53OB.
- CE54OB.
- CE55OB.

Within the basic and general skills that the student develops through the Theory and History of Architecture Area as defined in the verification report of the Degree in Architecture Studies of the University of Zaragoza, this course deepens on the following ones:

- CB3.
- CB4.
- CB5.
- CGG7.

Additionally, regarding the transversal skills that the student develops through the Theory and History of Architecture Area as defined in the verification report of the Degree in Architecture Studies of the University of Zaragoza, this course deepens on the following ones:

- CT3.
- CT4.
- CT6.
- CT9.
- CT11.
- CT12.

2.2.Learning goals

- Result 1. A clear, diachronic, sequential vision of the History of Architecture, as well as a knowledge of the mechanics of architectural composition that integrate architectural design.
- Result 2. Synthesizing, through examples, the typological, constructive and morphological features that characterize the periods of the History of Architecture studied in the course: From the Renaissance to the XIX Century.
- Result 3. The ability to identify the key works studied, locating them in the period they belong in a reasoned way, justifying their relationship with the history of the place where they have been built.
- Result 4. The skill to develop, via the knowledge of the Theory and History of architecture, of an engaged and educated approach to architectural design, providing a critical vision of the works or trends studied in the course.
- Result 5. The skill to provide fundamental and convincing commentaries on architectural works, using the knowledge acquired throughout the course as a tool to develop the ability to interpret the most relevant designs of Architecture's History, understanding those as the products of the materials, construction systems and technologies that were used to build them, and a specific cultural moment.
- Result 6. The capacity to understand, interpret and analyze academic literature (on the Theory and History of Architecture), as well as the ability to develop structured and suitable arguments.
- Result 7. The rigorous and measured use of the specific language and terminology of the architectural discipline.
- Result 8. The ability to handle specific bibliography.

2.3.Importance of learning goals

This course develops the student's capacities to:

- Position himself in a committed way, grounded on the knowledge of the theory and history of Western architecture, when facing architectural design, thus providing a critical and informed vision.
- Develop architecture projects based on rigorous knowledge of the basic concepts of the discipline.
- Face, within the rigorous knowledge of the theory and history of Western architecture, a research project.

3.Assessment (1st and 2nd call)

3.1.Assessment tasks (description of tasks, marking system and assessment criteria)

The student will be expected to show that he/she has reached the learning results defined for the course through several evaluation activities.

- Exercise 1: written test.
- Exercise 2: participation and oral presentations of the readings in theory sessions.
- Exercise 3: studio work at practice sessions.

The aspects that will be evaluated in the exercises, both theoretical and practical, will be the depth and range of the knowledge acquired by the students, their ability to synthesize, clarity, quality of expression, quality of the presentation, etc. The percentages represented by those in the final grade are as follows:

- Exercise 1: 70%
- Exercise 2: 10%
- Exercise 3: 20%

The evaluation of the different parts will follow the criteria outlined in the following paragraphs:

EXERCISE 1: WRITTEN TEST (70%)

Each student has two options for evaluating this part of the course:

A. Continuous evaluation:

- QUESTIONNAIRE 01: Written-test that will evaluate the contents of the first half of the course (SECTIONS 1 and 2).
- QUESTIONNAIRE 02: Written-test that will evaluate the contents of the first half of the course (SECTIONS 3 and 4).

In order to mediate questionnaire 01 with 02, it is necessary to have both of them approved with a grade equal to or greater than 5 points. In the event that a student obtains a grade less than 5 (or does not show up) in either questionnaire, he or she will lose the possibility of being evaluated by continuous evaluation. Thus, (s)he will have the possibility to take a final written exam in the official schedule provided by the Centre.

B. Final evaluation:

It is a written exam that will evaluate the whole contents of the course by the official schedule provided by the Centre.

EXERCISE 2: READINGS (10%)

Seminar classes will discuss texts (articles and book chapters) related with the course. These classes will be held in small groups (no more than 20 students) to ensure a deep debate.

EXERCISE 3: STUDIO (20%)

Throughout the semester, the students will develop two assignments which will consist of analytic exercises on architectural works related to the contents of the course and their corresponding oral presentation. As in the seminar classes, the students will be subdivided into workgroups and will develop the graphic exercises in pairs.

The final grade of the studio sessions will consist of the arithmetic mean of the grades of the assignments, together with their corresponding presentations. A grade of 5 or more will be required in order to pass EXERCISES #3.

If the student gets a grade below 5 or does not submit some or all the assignments, he will have to submit all of them for their evaluation in the date where the official exam takes place, following the prescriptions of Article 9 of the current Regulations of Learning Evaluation (Reglamento de Normas de Evaluación de Aprendizaje), as featured in the December 22 agreement of the Managing Committee of the University.

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The methodology followed in this course is oriented towards the achievement of the learning objectives. It is based on an active methodology that favors the development of critical thinking. A wide range of teaching and learning tasks are implemented, such as lectures, practice sessions, autonomous work, and assessment tasks.

Students are expected to participate actively in the class throughout the semester. Further information regarding the course will be provided on the first day of class.

Main methodology:

- M1 Lectures.
- M2 Seminars.
- M3 Studio.
- M10 Tutorials.
- M11 Exams.
- M14 Autonomous work and study.

4.2. Learning tasks

The 6 ECTS course is organized as follows:

- **Lectures** (Teaching type T1/ Methodology M1): There will be weekly lectures with their content focusing on the history of architecture, following the course schedule (see course schedule and calendar). The students will be provided with a working guide via Moodle. This guide will list the most relevant architecture works of each theory lecture, as well as the general bibliography and the specific bibliography corresponding to each of the sections, as a basic reference for the individual study of the course.
- **Seminars** (Teaching type T3/ Methodology M3): Throughout the course, there will be 4 seminar sessions where students will offer presentations and debate on texts on the theory of architecture following the course schedule. This activity will be carried in small student groups which will additionally be subdivided into work pairs in order to develop their class presentations.
- **Workshops** for the graphic analysis of architecture works (Teaching type T3/ Methodology M3): Throughout the term, the students will develop 3 graphic assignments where they will carry out graphic analyses of architectural works, following the course schedule (see course schedule and calendar). This activity will be carried in small student groups which will additionally be subdivided into work pairs in order to develop their graphic assignments.

- **Tutorials.** (Methodology M10-M2): The student will be able to ask for individual interviews with the professors both regarding the contents of studios, seminars, and lectures, in the hours specified in the official calendar. These office hours will also be used to comment on the exhibitions whose attendance has been suggested in the course.

4.3.Syllabus

This course will address the following topics:

Lectures:

- SECTION 1: The Renaissance and the Theory of Proportions (XV-S.XVI Century).
- SECTION 2: The Baroque and the problem of Architecture as a Style (XVI-S.XVII Century)
- SECTION 3: The Enlightenment and the autonomy of architecture (XVIII Century)
- SECTION 4: The new glance towards architecture as a consequence of the Industrial Revolution (XIX Century).

Readings:

- SEMINAR A: The Vitruvian Tradition and the Theory of Architecture during the Quattro-cento.
- SEMINAR B: The Dogmatic Theory of Architecture in the XVI century.
- SEMINAR C: French Dogmatic classicism in the XVII century and the Ecole des Beaux-Arts.
- SEMINAR D: Neogothic Theory of Architecture in England during the XIX century.

4.4.Course planning and calendar

Further information concerning the timetable, classroom, office hours, assessment dates, and other details regarding this course will be provided on the first day of class or please refer to the College of Higher Engineering and Architecture (EINA) website (<https://eina.unizar.es/>) and Moodle.

4.5.Bibliography and recommended resources

[BB: Bibliografía básica / BC: Bibliografía complementaria]

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- [BC] [Bloque 1] - Argan, Giulio Carlo. Brunelleschi / Giulio Carlo Argan . Madrid : Xarait, D.L. 1981
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- [BC] [Bloque 1] - Pacioli, Luca. La divina proporción / Luca Pacioli ; introducción de Antonio M. González Rodríguez ; traducción de Juan Calatrava . Tres Cantos (Madrid) : Akal, D.L. 2007
- [BC] [Bloque 1] - Palladio, Andrea. I quattro libri dell'architettura. |Espanol : Los cuatro libros de la arquitectura / Andrea Palladio ; traducción del italiano de Luisa de Aliprandini, Alicia Martínez Crespo ; introducción de Javier Rivera . [2ª ed.] Tres Cantos, Madrid : Akal, 2008
- [BC] [Bloque 1] - Serlio, Sebastiano. Tercero y cuarto libro de arquitectura / Sebastiano Serlio . [1a. ed.] Barcelona :

Alta Fulla, 1990

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