

BACHELOR'S DEGREE IN DESIGN AND INNOVATION

SUBJECT TEACHING PLAN RESEARCH AND DESIGN

ACADEMIC YEAR: 2026-27

GRADE: 4th

CHARACTER: Compulsory

SEMESTER: 1st

ECTS: 6

TEACHING HOURS: 45

HOURS OF SELF-EMPLOYMENT: 105

TOTAL HOURS: 150

LANGUAGE/S: Spanish/Catalan

CODE: 17026

TEACHING TEAM:

Teacher in charge: Guim Espelt gespelt@elisava.net

PRESENTATION OF SUBJECT / OBJECTIVES

- References and techniques for formulating projects based on the challenges of society and the planet.
- Tools for personal definition of the designer's profile and its impact.
- Methods, techniques and tools of scientific research "for", "through" or "about" design.
- Design research case studies.
- Tools and strategies for visual, oral and written communication of a project, both for the scientific community and for society.

SUSTAINABLE DEVELOPMENT GOALS (SDGS)

This subject does not specifically incorporate any SDGs.

CONTENTS

The subject is organized into two main parts: personal positioning and the development of a project proposal related to the Final Degree Project.

- Information resources; Compilation of references and literature.
- Research on, for, and through design.
- Research and design methodology
- Information management for the development of a project proposal.
- Argumentation, ethics and AI in research.
- SDGs.
- Narrative and visual communication of a project proposal.

TEACHING METHODOLOGIES

- Work sessions with the whole group, class with the teacher. (PA)
- Work sessions in small groups with the teacher. (PB)
- Individual tutoring sessions with the teacher (PC)
- Group tutoring sessions with the teacher. (PD)
- Individual autonomous work sessions. (PE)

COMPETENCIES

- G2 - Configure new realities based on the interpretation of the historical, social, cultural, economic and technological context.
- CB3 - Students must have the ability to gather and interpret relevant data (usually within their area of study) in order to make judgments that include reflection on relevant social, scientific or ethical issues
- CB4 - Students are able to transmit information, ideas, problems and solutions to both a specialized and non-specialized audience.
- T1 - Act with a spirit and critical reflection in the face of knowledge in all its dimensions, showing intellectual, cultural and scientific concern and commitment to rigour and quality in professional demand.
- T6 - Use different forms of communication, both oral and written or audiovisual, in their own language and in foreign languages, with a high degree of correctness in use, form and content.
- E3 - Apply critical thinking in the design process considering the social responsibility of design practice and the implications derived from creations.

- E6 - Dialogue with professionals from other fields (technical, artistic, scientific, etc.) managing knowledge from other disciplines in a decisive way.
- E9 - Use and generate research tools appropriate to the needs of each project.
- E10 - Develop the appropriate material to communicate and make decisions effectively in each of the phases of the design project.
- E12 - Elaborate and argue the design project properly in visual and discursive terms, both in theoretical and professional environments.
- E13 - Acquire skills in the detection of design opportunities and in the resolution of problems in the development of projects.

LEARNING OUTCOMES

- Collects and interprets data and information on which to base their conclusions, including reflections on social, scientific, ethical issues in the field of design.
- It communicates knowledge, methodology, ideas, problems and solutions to all types of audiences (specialized or not) in a clear and precise way.
- Shows skills for critical reflection in the processes linked to the exercise of the profession.
- Prepares reports and written documents (mainly of a technical nature) with spelling and grammatical correction in Catalan, Spanish and English.
- She uses gender-sensitive language, both in oral and written productions.
- Demonstrates a critical attitude in the design process in relation to social responsibility and implications in design practice.
- Clearly explain the project through the choice and use of the appropriate representation tools.
- Evaluate and use the appropriate research tools according to the needs of the context.
- Recognize and analyse the existing conditioning factors and opportunities to solve complex challenges.
- Interprets information from other disciplines to elaborate their own discourse.
- Explain and justify project decisions in a coherent way.

TRAINING ACTIVITIES

Each subject will present at the beginning of the course its WORK PLAN where the didactic activities per week / session / autonomous work are recorded.

EVALUATION

EVALUATION SYSTEMS

The evaluation of the subject will be based on continuous monitoring of the student's academic work throughout the course.

EVALUATION SYSTEM	MINIMUM WEIGHTING	MAXIMUM WEIGHTING	FINAL WEIGHTING
P1-Observation of participation	15	30	20
P2-Follow-up of the work done	20	40	40
P5-Completion of required work or projects	30	50	40

EVALUATION CRITERIA

The final grade of the subject will be the weighted average of the grades of the assessable activities according to the following table:

ASSESSABLE ACTIVITY	WEIGHT	RETRIEVABLE (up to 50%)	EVALUATION SYSTEM
Activity-1A Attendance and Attitude	10%	NO	P-1/ ~~P-2~~
Activity-1B Class Participation	10%	NO	P-1
Activity-2A Research Catalog Phase-1	40%	NO	P-2
Activity-2B Research Catalogue Phase-2	30%	YES	P-5
Activity-3 Project proposal	10%	YES*	P-5

Students will have the option of retaking the retake tests. The retake tests will be carried out in the period of the semester allocated to this function, not being able to recover more than 50% of the subject.

* If the Recoverable Assessable Activities exceed 50%, the student body may choose, up to a limit of 50%. The unjustified non-submission of any assessable activity implies a grade of 0, even if the activity has been classified as Recoverable.

Recoverable Activities can only be recovered when they have been submitted by the student body on the indicated date and with a grade equal to or greater than 3.

If access to the retake test is waived, the grade achieved in the first instance will be maintained.

In case of taking the recovery, the grade obtained will be the last, even if it is lower than the first.

Plagiarism or copying of other people's work is penalised in all universities and, according to the Rules of Coexistence of the University of Vic-Central University of Catalonia, they constitute serious or very serious offences. That is why in the course of this subject any indication of plagiarism or misappropriation of texts

or ideas other people ([What is considered plagiarism?](#)) as well as the improper or undeclared use of Artificial Intelligence in an activity, automatically translates into a suspension and/or other disciplinary measures ([Normes de Convivència de la Universitat de Vic-Universitat Central de Catalunya](#)). For any questions or queries, see the ([Academic Regulations of the Bachelor's Degree of the Faculty of Design and Engineering Elisava UVic-UCC](#)).

BIBLIOGRAPHY AND TEACHING RESOURCES

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