ESOGU DEPARTMENT OF ARCHITECTURE PROGRAM OUTCOMES

Code	Program Outcome	Description
PO1	**Design Thinking and Integrated Decision-Making**	Defining problems, analyzing data, developing alternative solutions and making integrated design decisions in architectural design processes by jointly evaluating environmental, technical, social and economic criteria.
PO2	**Architectural Design and Contextual Integration**	Developing holistic, feasible and context-sensitive design solutions in the architectural project by jointly evaluating user requirements, the spatial program, context, topography, climate and environmental data, existing building fabric, legal regulations and the principles of sustainability.
PO3	**Environmental Design and Performance**	Developing design decisions in line with the principles of active and passive systems, daylighting and solar control, natural ventilation, indoor air quality, lighting and acoustics, taking climatic, geographical and environmental data into account, and being able to carry out performance evaluations of these decisions.
PO4	**Building Envelope, Structural Systems and Services**	Holistically understanding the principles of the building envelope, structural systems and building services; evaluating them according to criteria of performance, strength, energy, material use, environmental impact and reuse; developing material and component selections and detail solutions; and applying mechanical/electrical installations, vertical circulation and fire safety systems in an integrated manner with architectural design.
PO5	**Historical, Cultural and Social Context**	Analyzing the historical development of architecture and different cultural contexts in light of political, economic, social, ecological and technological factors, and making design decisions that observe the principles of accessibility and inclusivity by taking into account the needs, values and behavioral characteristics of different user groups.
PO6	**Research and Analysis**	Consciously transferring the findings obtained through data collection, analysis and interpretation by means of theoretical and applied research methods into architectural design and urban decision-making processes.
PO7	**Interdisciplinary Integration**	Understanding the basic principles of the different disciplines related to architectural design processes, integrating the technical requirements of these fields into architectural design decisions, and developing solutions in coordination with different disciplines.

Code	Program Outcome	Description
PO8	**Representation, Expression and Professional Communication**	Expressing architectural design thinking accurately, clearly and comprehensibly at different scales and in different media using current representation tools; developing effective presentations by visualizing the relationships between materials, systems and components; and conveying ideas coherently and comprehensibly by communicating in written, oral and visual form with different stakeholders in design and implementation processes.
PO9	**Theoretical Knowledge and Critical Thinking**	Understanding architectural theories and related disciplines, critically evaluating different approaches, and reflecting them in architectural design and decision-making processes.
PO10	**Professional Ethics, Legal Framework and Responsibility**	Understanding the ethical principles of the architectural profession together with legal regulations and codes, and evaluating and applying these frameworks in an integrated way in design and implementation processes; developing design decisions that comply with legislation, are socially sensitive and take into account user requirements, cost, life safety and accessibility criteria; and conducting professional service processes with regard to the social role and responsibilities of the architect.
PO11	**Lifelong Learning and Professional Development**	Being aware of the need to continuously develop one's knowledge and skills; following and evaluating current knowledge, technologies and approaches, and reflecting them in implementation processes through design.
PO12	**Project Management and Professional Practice**	Understanding stakeholder relations, project organization and work planning; evaluating the basic principles of time, cost and resource management; and taking these principles into account in project development and implementation processes.

TQF-HE – PROGRAM OUTCOMES

KNOWLEDGE	**Theoretical - Factual**	Possesses the knowledge and understanding required to acquire, from a wide variety of settings, multidimensional knowledge in the relevant core field (covering discursive, theoretical and factual knowledge as well as professional service sensitivities in local, regional, national and global contexts) for architectural design / planning / design activities and research, and to reflect it in academic sharing environments.
		Within this framework, possesses knowledge and understanding of the intellectual, discursive, scientific, technological, aesthetic, artistic, historical and cultural foundations required in the field.
		Possesses knowledge and understanding of human- and society-oriented architectural design / planning / design / research methods that are sensitive to the (natural and built) environment in the relevant field.

		Possesses multidimensional knowledge and understanding of the principles and standards of economic, environmental and social sustainability and of disaster-related issues in the relevant field.
		Possesses knowledge of the principles, laws, regulations and standards related to the field.
		Possesses knowledge and understanding of the institutional and ethical values related to the field.
		Possesses knowledge and understanding of the place / importance of the relevant field within its historical, geographical, social and cultural context.
SKILLS	**Cognitive - Applied**	Has the skill to develop concepts in the fields of architectural design / planning / design.
		Has the skill to ensure the unity of discourse, theory and praxis (practice) for architectural design / planning / design activities and research.
		Has the skills to identify facts, potentials and problems, and the research required for them, in architectural design / planning / design issues.
		Uses theoretical / conceptual knowledge, cognitive and practical skills, and research methods and techniques related to the field.
		Has the skill to develop alternative architectural design and planning schemes and solutions.
		Gains skills in interdisciplinary, interactive architectural design / planning / design. Uses the acquired knowledge, understanding and skills in interpreting contextual data, defining problems, and developing alternative architectural design / planning / design decisions / projects / solutions that demonstrate mastery and innovation.
COMPETENCES	**Competence to Work Independently and Take**	Independently conducts an architectural design / planning / design project, plans and carries out research projects for these processes, and produces new syntheses.
		Independently conducts individual work related to the field and takes individual and shared responsibility in multidisciplinary, interdisciplinary and transdisciplinary work. Has the self-confidence and competence required for this.
		Plans, takes responsibility for and carries out collaborative work in an architectural design / planning / design project.
	Learning Competence	Learns by evaluating the knowledge and skills in the field with a critical and dialectical approach (one capable of producing critique, antithesis and synthesis).
		Is future-oriented; has the motivation and learning skills required for personal and professional development; identifies learning needs, makes plans accordingly and implements them.
		Acts with an awareness of lifelong learning.
	Communication and Social Competence	Informs relevant individuals and institutions on issues related to the field; conveys thoughts and proposed solutions to problems in written, oral and visual form; and shares information with experts and non-experts, supporting it with quantitative and qualitative data.
		With an awareness of social responsibility, organizes and implements projects, collaborations and activities for the social environment in which they live.
		Follows developments in the field and communicates effectively with colleagues using a foreign language at least at the European Language Portfolio B1 General Level.
		Interactively uses the information and communication technologies required by the field, together with computer software, at least at the European Computer Driving Licence (ECDL) Advanced Level.
	Field-Specific Competence	Acts with an understanding of, and a habit of complying with, ethical rules and codes of conduct and with an awareness of social responsibility in the professional field, in professional practice and in professional research.
		Collects, evaluates and interprets the data that form the necessary basis for making decisions in architectural design / planning / design processes, taking into account possible social, environmental and ethical consequences.
		Is able to evaluate existing knowledge in the field with a critical and dialectical approach, and uses the acquired knowledge, understanding and skills with the professional approach required by the discipline, in light of ethical principles, in accordance with professional codes of conduct, criteria, standards and legal frameworks, and taking into account possible social, environmental and ethical consequences.

		Makes decisions and acts with a sense of justice, with an understanding of human worth, respecting human rights and, on that basis, social and cultural rights, and showing the necessary sensitivity to the protection of the natural environment and cultural heritage.
		Aware that the profession benefits human rights and society and provides a public service, has personal sensitivity regarding fair conduct, showing the necessary sensitivity to social justice, quality culture, the protection of natural and cultural values, environmental protection, occupational health and safety, and the legal frameworks and ethical principles specific to providing professional services.
		Has knowledge and awareness of local, regional, national and global general and professional issues of the historical period in which they live.