UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Architettura
ACADEMIC YEAR	2020/2021
BACHELOR'S DEGREE (BSC)	INDUSTRIAL DESIGN
SUBJECT	ARCHITECTURE AND OUTFITTING STUDIO
TYPE OF EDUCATIONAL ACTIVITY	C
AMBIT	10647-Attività formative affini o integrative
CODE	20942
SCIENTIFIC SECTOR(S)	ICAR/14
HEAD PROFESSOR(S)	SBACCHI MICHELE — Professore Ordinario — Univ. di PALERMO MEI PASQUALE — Ricercatore a tempo determinato — Univ. di PALERMO LECARDANE RENZO ANTONIO — Professore Associato — Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	6
INDIVIDUAL STUDY (Hrs)	78
COURSE ACTIVITY (Hrs)	72
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	2
TERM (SEMESTER)	2° semester
ATTENDANCE	Mandatory
EVALUATION	Out of 30
TEACHER OFFICE HOURS	**LECARDANE RENZO ANTONIO** Wednesday 9:30 11:00 Dipartimento di Architettura (D'ARCH) Stanza 112 previoappuntamento **MEI PASQUALE** Thursday 14:30 18:30 Stanza 102, Edificio 14 (Corpo C) 1° Piano **SBACCHI MICHELE** Wednesday 16:00 18:00 Stanza 115

DOCENTE: Prof. MICHELE SBACCHI- *Lettere F-N*

PREREQUISITES	Drawing knowledge: ability to analyze and read drawings e representations (plans, elevations and sections); knowledge of the rules of representation; basic knowledge of 3D modeling. Knowledge of the history of architecture. Knowledge of historical coordinates e geographical areas of the project. Critical and synthetic ability in the exposure and representation of the project.
LEARNING OUTCOMES	Knowledge and understanding ability of the procedures, rules and principles that characterize the process contemporary design; understanding of the cultural tools necessary to summarize the formal aspects, functional and technical-construction of the architectural project. In general, the student will experience a methodology that allows him to understand the design process and, through representation, to be able to develop appropriate communication techniques. Ability to apply knowledge and understanding the development and drafting of the project in relation to the notions and aspects methodological acquired; understanding and controlling the phases of the design process through consistent and corrected instrumentation and acquired techniques. The student will be able to integrate and synthesise the skills and knowledge that they come from the studies related to Industrial Design and those related Architecture. Judgment autonomy in the communication of their ideas and in the transmission of the results achieved, through appropriate techniques of representation of the architectural project; and through written and oral linguistic forms. The student will have to argue their design choices and put them in orderly and intelligible sequence. Communication skills acquired through the personal reworking of what argued in the lessons; appropriate exposure of deductive and inductive procedures, also through the use of sources (experiences, documents, theoretical references, etc.). The student will exhibit their design process with the support of a dossier containing texts, images, photographs and drawings. Learning skills acquired through verification and critical control of the design process; the use of inductive and deductive procedures and the correct use of sources and references.
ASSESSMENT METHODS	Oral exam and presentation of a project. The final evaluation will take into account the training course completed by the student in the Laboratory and will be based on the following criteria: - acquisition of the tools and knowledge necessary for the development of a project of a small architectural organism; - ability to use architectural drawing techniques at different scales of representation; - ability to illustrate the formal values of the project. The student will also have to - answer questions related to the theoretical topics analyzed during lectures; - know how to argue e justify the design choices; - establish connections between theory and design; - revise the knowledge acquired. Description of the methods of judgment. The evaluation, expressed in thirtieths, will be expressed on the basis of the levels reached relating to the points previously exposed. From a minimum that implies competence and sufficient knowledge of the topics covered, at a maximum level of knowledge, competence, autonomy and language. In particular, the determination of the vote will be expressed by the following criteria: excellent (30 cum laude - 30) excellent ability to apply knowledge and skills to solve problems proposed projects, excellent knowledge of the topics covered in the course, excellent language properties, excellent analytical ability. very good (29-26) Good ability to apply skills and knowledge to solve problems proposed design, good command of the topics, good property of language. good (25-24) medium ability to independently apply knowledge and skills for solve the proposed design problems, basic knowledge of the main ones arguments, fairly good language properties. satisfactory (23-21) limited ability to independently apply knowledge and skills for

	solve the proposed design problems, just enough mastery of the topics covered, sufficient language properties. sufficient (20-18) minimum ability to independently apply knowledge and skills for solve the proposed design problems; difficulty in correct representation of the project, poor mastery of the main topics treated, sufficient language property. Insufficient no knowledge, no demonstrated ability. Insufficient capacity to independently apply the knowledge and skills necessary for solve the proposed design problems, unacceptable knowledge of the course content. Unacceptable knowledge of communication techniques and project representation.
EDUCATIONAL OBJECTIVES	Among the Laboratories of Architectural Design (2nd year) is expected a coordination and interaction. These Laboratories are in fact framed in a common thematic area which, in particular, it provides: - a reflection, in light of the recent pandemic crisis, on the relationship between being together and individuality, sharing and protection, conviviality and security. The project of a public / private space for temporary use destined to the conducting outdoor activities (teaching, sports, leisure); easily removable projects and rebuildable to support the organization of future events; In this sense, the program critically addresses the more general and detailed themes of the project, experimenting with the relationships between the formal structure, the measurement of space through the human body and the relevant technical / construction solutions. During the course the student will develop the study of a repertoire of exemplary architectures that suggest theoretical and practical methods. At the end of the course the student must be aware of the complexity inherent in the architectural project.
TEACHING METHODS	Frontal lessons, Laboratory, Seminars
SUGGESTED BIBLIOGRAPHY	V. Gregotti, Tre forme di architettura mancata, Einaudi, Torino 2010 J. Pallasmaa, Gli occhi della pelle, Jaca Book, Milano 2005 G. Perec, Specie di spazi, Bollati Boringhieri, Torino 1989 G. Ponti, Amate l'Architettura, Rizzoli, Milano 1957

SYLLABUS

Hrs	Frontal teaching
1	Prolusion of the course.
1	Theory and practice of architectural design. Some definitions of architecture
1	Representation and communication of the architectural project
1	Architecture between form, technique and function
1	Examples of modern and contemporary architecture. Language and experiments. The architecture today

Hrs	Workshops
67	Composition exercises. Preparation of a simple architectural design with: - graphic designs at the various scales of representation and analysis; - scale models; - dossier about the exercises carried out in the laboratory.

DOCENTE: Prof. PASQUALE MEI- *Lettere O-Z*

PREREQUISITES	Drawing knowledge: ability to analyze and read drawings e representations (plans, elevations and sections); knowledge of the rules of representation; basic knowledge of 3D modeling. Knowledge of the history of architecture. Knowledge of historical coordinates e geographical areas of the project. Critical and synthetic ability in the exposure and representation of the project.
LEARNING OUTCOMES	Knowledge and understanding ability of the procedures, rules and principles that characterize the process contemporary design; understanding of the cultural tools necessary to summarize the formal aspects, functional and technical-construction of the architectural project. In general, the student will experience a methodology that allows him to understand the design process and, through representation, to be able to develop appropriate communication techniques. Ability to apply knowledge and understanding the development and drafting of the project in relation to the notions and aspects methodological acquired; understanding and controlling the phases of the design process through consistent and corrected instrumentation and acquired techniques. The student will be able to integrate and synthesise the skills and knowledge that they come from the studies related to Industrial Design and those related Architecture. Judgment autonomy in the communication of their ideas and in the transmission of the results achieved, through appropriate techniques of representation of the architectural project; and through written and oral linguistic forms. The student will have to argue their design choices and put them in orderly and intelligible sequence. Communication skills acquired through the personal reworking of what argued in the lessons; appropriate exposure of deductive and inductive procedures, also through the use of sources (experiences, documents, theoretical references, etc.). The student will exhibit their design process with the support of a dossier containing texts, images, photographs and drawings. Learning skills acquired through verification and critical control of the design process; the use of inductive and deductive procedures and the correct use of sources and references.
ASSESSMENT METHODS	Oral exam and presentation of a project. The final evaluation will take into account the training course completed by the student in the Laboratory and will be based on the following criteria: - acquisition of the tools and knowledge necessary for the development of a project of a small architectural organism; - ability to use architectural drawing techniques at different scales of representation; - ability to illustrate the formal values of the project. The student will also have to - answer questions related to the theoretical topics analyzed during lectures; - know how to argue e justify the design choices; - establish connections between theory and design; - revise the knowledge acquired. Description of the methods of judgment. The evaluation, expressed in thirtieths, will be expressed on the basis of the levels reached relating to the points previously exposed. From a minimum that implies competence and sufficient knowledge of the topics covered, at a maximum level of knowledge, competence, autonomy and language. In particular, the determination of the vote will be expressed by the following criteria: excellent (30 cum laude - 30) excellent ability to apply knowledge and skills to solve problems proposed projects, excellent knowledge of the topics covered in the course, excellent language properties, excellent analytical ability. very good (29-26) Good ability to apply skills and knowledge to solve problems proposed design, good command of the topics, good property of language. good (25-24) medium ability to independently apply knowledge and skills for solve the proposed design problems, basic knowledge of the main ones arguments, fairly good language properties. satisfactory (23-21) limited ability to independently apply knowledge and skills for solve the proposed design problems, just enough mastery of the

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EDUCATIONAL OBJECTIVES	Among the Laboratories of Architectural Design (2nd year) is expected a coordination and interaction. These Laboratories are in fact framed in a common thematic area which, in particular, it provides: - a reflection, in light of the recent pandemic crisis, on the relationship between being together and individuality, sharing and protection, conviviality and security. The project of a public / private space for temporary use destined to the conducting outdoor activities (teaching, sports, leisure); easily removable projects and rebuildable to support the organization of future events; In this sense, the program critically addresses the more general and detailed themes of the project, experimenting with the relationships between the formal structure, the measurement of space through the human body and the relevant technical / construction solutions. During the course the student will develop the study of a repertoire of exemplary architectures that suggest theoretical and practical methods. At the end of the course the student must be aware of the complexity inherent in the architectural project.
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Hrs	Workshops
67	Composition exercises. Preparation of a simple architectural design with: - graphic designs at the various scales of representation and analysis; - scale models; - dossier about the exercises carried out in the laboratory.

DOCENTE: Prof. RENZO ANTONIO LECARDANE- *Lettere A-E*

PREREQUISITES	Drawing knowledge: ability to analyze and read drawings and representations (plans, elevations and sections); knowledge of the rules of representation; basic knowledge of 3D modeling. Knowledge of the history of architecture. Knowledge of historical coordinates and geographical areas of the project. Critical and synthetic ability in the exposure and representation of the project.
LEARNING OUTCOMES	Knowledge and understanding ability - the procedures, rules and principles that characterize the contemporary design process; - the cultural instrumentation necessary to synthesize the formal, functional and technical-constructive aspects of the architectural project. In general, the student will experience a methodology that allows him to understand the design process and, through representation, to be able to develop appropriate communication techniques. Ability to apply knowledge and understanding - the development and drafting of the project in relation to the concepts and methodological aspects acquired; - the control of the phases of the design process through the consistent and correct use of the instruments and techniques acquired. The student will be able to integrate and synthesize the skills and knowledge that come from studies related to Industrial Design and those related to Architecture. Judgment autonomy in the communication of their ideas and in the transmission of the results achieved, through appropriate - appropriate architectural design representation techniques; - written and oral linguistic forms. The student will have to argue his own design choices and put them in an orderly and intelligible sequence. Communication skills acquired through - the personal reworking and own categories of thought of what was discussed in the lessons; - the appropriate alternation of deductive and inductive procedures, corroborated by the sources (experiences, documents, theoretical references, etc.). The student will be able to exhibit their design process with the support of a dossier containing texts, images, photographs and drawings. Learning skills acquired through: - verification and critical control of the design process implemented; - the alternation of inductive and deductive procedures; - the correct use of sources and references.
ASSESSMENT METHODS	Oral exam and presentation of a project. The final evaluation will take into account the training course completed by the student in the Laboratory and will be based on the following criteria: - acquisition of the tools and knowledge necessary for the development of a project of a small architectural organism; - ability to use architectural drawing techniques at different scales of representation; - ability to illustrate the formal values of the project. The student will also have to - answer questions related to the theoretical topics analyzed during lectures; - know how to argue and justify the design choices; - establish connections between theory and design; - revise the knowledge acquired. Description of the methods of judgment. The evaluation, expressed in thirtieths, will be expressed on the basis of the levels reached relating to the points previously exposed. From a minimum that implies competence and sufficient knowledge of the topics covered, at a maximum level of knowledge, competence, autonomy and language. In particular, the determination of the vote will be expressed by the following criteria: excellent (30 cum laude - 30) excellent ability to apply knowledge and skills to solve problems proposed projects, excellent knowledge of the topics covered in the course, excellent language properties, excellent analytical ability. very good (29-26) Good ability to apply skills and knowledge to solve problems proposed design, good command of the topics, good property of

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EDUCATIONAL OBJECTIVES	Among the three Laboratories of Architectural Design is expected to coordinate and interact. The three Laboratories are in fact framed in a common thematic area which, in particular, it provides: - a reflection, in light of the recent pandemic crisis, on the relationship between being together and individuality, sharing and protection, conviviality and security. The project of a public / private space for temporary use destined to the conducting outdoor activities (teaching, sports, leisure); easily removable projects and rebuildable to support the organization of future events; In this sense, the program critically addresses the more general and detailed themes of the project, experimenting with the relationships between the formal structure, the measurement of space through the human body and the relevant technical / construction solutions. During the course the student will develop the study of a repertoire of exemplary architectures that suggest theoretical and practical methods. At the end of the course the student must be aware of the complexity inherent in the architectural project.
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1	Examples of modern and contemporary architecture. Language and experiments. Architecture today

Hrs	Workshops
67	Composition exercises. Preparation of the project a simple architecture, accompanied by: - graphic designs at the various scales of representation and analysis; - scale models; - preparation of a dossier containing the documents of the exercises carried out in the laboratory.