COURSE DESCRIPTION
THEORY OF STRUCTURES

SSD: SCIENZA DELLE COSTRUZIONI (ICAR/08)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: SESSA SALVATORE
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 02 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 10

REQUIRED PRELIMINARY COURSES

Calculus - Geometry

PREREQUISITES

No specific prerequisites are required for understanding the teaching content, but disciplinary knowledge acquired in the Calculus/Geometry course is still very useful

LEARNING GOALS

The objective of the course is to introduce the subject of structural analysis.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The student must show an understanding of basic concepts such as displacement and rotation, force and moment, know how to manipulate simple physical-mathematical relationships, and understand their connection to reality.

Applying knowledge and understanding

The student must show that he or she is able to draw the "practical" consequences, in terms of simple applications, of the set of theoretical notions acquired; he or she must be able to solve simple structures.

COURSE CONTENT/SYLLABUS

Contents

Elements of the Vectors Theory

Generality. Scalar and vector products. Applied vectors. Elements of graphics.

Elements of kinematics of rigid bodies

Basic definitions. Rigid motions. Constraint devices. Distortions. Congruence conditions. Compatibility conditions. Flat motion for one-dimensional structures. Absolute and relative centers of rotation. Theorems of kinematics. Kinematic chains. Isostatic, lability and hyperstaticity conditions. Analytical detection. Synthetic recognition.

Elements of Geometry of areas

Moments of first and second order. Center of gravity definition. Directions and main moments of inertia. Applications to simple sections.

Elements of Statics of rigid systems

Basic definitions. Dynamics principles. Conditions of equilibrium of material points, rigid bodies and rigid bodies systems. Cardinal equations of statics. Cutting principle. Action-reaction principle. Constraints reactions. Internal forces. Mechanical stress. 2D systems of generalized forces. Lagrange principle. Research of constraints reaction through: Cardinals Equations of Statics, Graphical method and Lagrange principle. Funicular polygon and Culmann Theorem. Research on the characteristics of internal stress through the equilibrium conditions and Lagrange principle. Laws of variation and diagrams of the internal stress characteristics. Applications trusses and inflected structures.

Elements of the elastic solid mechanics

Fundamentals of analysis of stress and strain. Mechanical behavior of main materials of constructions.

Elements of Beam theory

Normal stress. Bending and shear. Study of the structural models. Linear structures: general principles. Principle of Virtual Work. The displacement method. The method of forces. stiffness and deformability matrices of structural elements. Assembly of matrices. Matrices of stiffness and deformability. Release conditions. Trusses. Framed structures.

Applications

Determination of displacements in isostatic beams through: equation of the elastic line; congruence equations; Mohr corollaries; principle of superposition of the effects; and method of the displacements composition.

Resolution of hyperstatic structures by: equation of the elastic line; and congruence equations.

Determination of displacements in hyperstatic beams through: the compatibility conditions and the construction of the stiffness matrices

READINGS/BIBLIOGRAPHY

P. Casini, M. Vasta. Scienza delle Costruzioni (3° edizione). CittàStudi edizioni,Novara. 2016

F. Dell'Isola, L. Placidi. Esercizi di statica dei sistemi meccanici e scienza delle costruzioni. Soc. Ed. Esclulapio. 2022

L. Anand, S. Govindjee. Continuum mechanics of solids. Oxford University Press. 2020

TEACHING METHODS OF THE COURSE (OR MODULE)

The activity of the mono-disciplinary course in Theory of Structures develops in two semesters.
The course consists of theoretical lessons, for about 30 hours per semester, and practical exercises, for about 10 hours per semester (characterized by classroom exercises concerning the topics of the course).
In the first semester, the topics of Theory of vectors and Kinematics and Statics of rigid systems. will be illustrated.
In the second semester, the topics of Geometry of areas, Elastic solids Mechanics and Beam Theory will be analyzed.
The final examination will focus on the course contents.
The examination consists of one written test on resolution of structures and questions of theory. In the same day, the students will be examined through an oral test.
Exceptionally, in case of overcrowded sessions, the examination could take place according to a different modality, through a written and an oral test, at a distance of not more than seven days apart.
The registration to the written test will be made through the UniNa portal, following the link https://www.segrepass.unina.itaddress.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- [x] Written
- [x] Oral
- [ ] Project discussion
- [ ] Other

In case of a written exam, questions refer to

- [ ] Multiple choice answers
- [ ] Open answers
- [x] Numerical exercises

b) Evaluation pattern

COURSE DESCRIPTION
ARCHITECTURAL SURVEY AND CAD

SSD: DISEGNO (ICAR/17)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: DI LUGGO ANTONELLA
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 02 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 8

REQUIRED PRELIMINARY COURSES

Fundamentals of Descriptive Geometry

PREREQUISITES

Knowledge and use of techniques and methods of representation.

LEARNING GOALS

The course intends to provide students with the knowledge and methodological tools necessary to survey and document an architecture in its complexity. The objectives are to provide students the fundamental notions in order to be able to deal with the analysis of an architectural system, illustrate the theoretical principles of architectural survey and lead students to learn the processes of direct and indirect, photogrammetric and digital 3D measurement aimed to knowledge and representation of the built environment, to its meanings and its intrinsic values.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The expected learning outcomes are: being able to critically read an architecture; be able to adequately formulate a survey project, contemplating the use of the most appropriate methods in relation to the context, the object of study and the purposes of the survey; know the survey tools and methods from the traditional ones to the most recent evolutions related to the use of new technologies; knowing how to appropriately represent the results of a survey, documenting the meanings of architecture in appropriately themed written and visual/numerical documents, contemplating the quantitative and qualitative data.
In particular, students must demonstrate that they understand the meanings of architecture, as well as the problems and implications relating to the various survey methods, starting from traditional acquisition methods up to the latest generation ones.

Applying knowledge and understanding

Students must demonstrate that they are able to practically carry out metric, photogrammetric, instrumental and perceptive survey operations, as well as develop thematic surveys and produce written and visual/numerical documents capable of returning the quantitative and qualitative values of architecture. The training course is aimed at transmitting the operational skills necessary to concretely apply the knowledge and to foster the ability to make full use of the methodological tools.
FURTHER EXPECTED LEARNING OUTCOMES, relating to:
- judgment independence: the student must be able to know how to set up a survey project, autonomously evaluating the most appropriate acquisition methodologies and methods of representation and proposing solutions consistent with the object of study and the specificities related to it ;
- communication skills: the student must be able to present the results of the survey and summarize the results achieved in a complete but concise manner using the technical language correctly. The student is stimulated to elaborate a survey project with clarity and rigor and to deepen the methods studied, to familiarize himself with the terms of the discipline, to express the contents and the application possibilities with correctness and simplicity;
- learning ability: students must be able to update and expand their knowledge by independently drawing on texts, scientific articles, starting from the content of the lessons and from the texts suggested during them.

COURSE CONTENT/SYLLABUS

The course proposes an analytical method of investigation, intended as a system of rules consistent with the object being investigated which allows to derive the meanings of reality through the metric and qualitative analysis of architecture, with the aim of making explicit, in the representation, the logical articulation, the formal and constructive structure, going back to the matrixes of its compositional, technical, qualitative, material, metric and geometric results. This will be possible through the adoption of integrated procedures which, starting from the visual survey, created through sketches and schematic graphic models, experiment the different methods of

survey, from the direct one carried out through the use of traditional tools, to the indirect one which makes use of new technologies.
Subjects
Fundamentals of the discipline, finalities of survey, scales of survey.
Reading architecture: parts and elements, layout geometries.
Measurement: elements of metrology, error and uncertainty in surveying.
Cartographic references: historical cartography and current cartography.
Photography in survey.
Survey and representation of the vaults.
Direct survey: methods and tools for direct planimetric and direct altimetric survey.
Photogrammetric survey: terrestrial and aerial photogrammetry, methods for photographic shooting and data processing.
3D digital survey: laser scanner survey
Indirect survey: methods and tools for indirect survey.
3D Modelling
Themes: materials survey, cromatic survey, xstructural survey, masonry survey, degradation survey, diagnostic survey.

READINGS/BIBLIOGRAPHY

The teaching material will be provided during the lessons with online references and with the most recent articles relating to researches in the field of surveying.
Reference text:
M. DOCCI, D. MAESTRI, *Manuale di rilevamento architettonico,* Laterza, Roma-Bari, 2004

TEACHING METHODS OF THE COURSE (OR MODULE)

The course is divided into theoretical lessons, practical exercises relating to the topics covered, site inspections for the metric and photographic survey and meetings for the revisions of the graphic drawings illustrating the assigned building and the survey methods and procedures adopted. The work can be done individually, or in groups freely organized by the students and made up of two or at most three members.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- ☐ Written
- ☑ Oral
- ☑ Project discussion
- ☐ Other

In case of a written exam, questions refer to

- ☐ Multiple choice answers
- ☐ Open answers

☐ Numerical exercises

b) Evaluation pattern

The final exam consists of an oral test on the topics covered, in the evaluation of the graphic works relating to the exercises carried out during the course and in the evaluation of the drawings drawn up as a survey and representation application work.

In the exam, the following will be evaluated: the completeness and accuracy of the contents, the mastery of the concepts and the clarity of the presentation, the correctness of the graphic drawings and the ability to know how to adequately illustrate them in relation to the relevant procedures adopted.

COURSE DESCRIPTION
ARCHITECTURAL SURVEY AND CAD

SSD: DISEGNO (ICAR/17)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: CAMPI MASSIMILIANO
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 01 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 8

REQUIRED PRELIMINARY COURSES

Exam "Disegno" passed and recorded.

PREREQUISITES

Knowledge and use of techniques and methods of drawing and representation for architecture (2D and 3D).

LEARNING GOALS

The course intends to provide students with the knowledge and methodological tools necessary to survey and document an architecture in its complexity. The objectives are to provide students the fundamental notions in order to be able to deal with the analysis of an architectural system, illustrate the theoretical principles of architectural survey and lead students to learn the processes of direct and indirect, photogrammetric and digital 3D measurement aimed to knowledge and representation of the built environment, to its meanings and its intrinsic values.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The expected learning outcomes are: being able to critically read an architecture; be able to adequately formulate a survey project, contemplating the use of the most appropriate methods in relation to the context, the object of study and the purposes of the survey; know the survey tools and methods from the traditional ones to the most recent evolutions related to the use of new technologies; knowing how to appropriately represent the results of a survey, documenting the meanings of architecture in appropriately themed written and visual/numerical documents, contemplating the quantitative and qualitative data.
In particular, students must demonstrate that they understand the meanings of architecture, as well as the problems and implications relating to the various survey methods, starting from traditional acquisition methods up to the latest generation ones.

Applying knowledge and understanding

Students must demonstrate that they are able to practically carry out metric, photogrammetric, instrumental and perceptive survey operations, as well as develop thematic surveys and produce written and visual/numerical documents capable of returning the quantitative and qualitative values of architecture. The training course is aimed at transmitting the operational skills necessary to concretely apply the knowledge and to foster the ability to make full use of the methodological tools.
FURTHER EXPECTED LEARNING OUTCOMES, relating to:
- judgment independence: the student must be able to know how to set up a survey project, autonomously evaluating the most appropriate acquisition methodologies and methods of representation and proposing solutions consistent with the object of study and the specificities related to it ;
- communication skills: the student must be able to present the results of the survey and summarize the results achieved in a complete but concise manner using the technical language correctly. The student is stimulated to elaborate a survey project with clarity and rigor and to deepen the methods studied, to familiarize himself with the terms of the discipline, to express the contents and the application possibilities with correctness and simplicity;
- learning ability: students must be able to update and expand their knowledge by independently drawing on texts, scientific articles, starting from the content of the lessons and from the texts suggested during them.

COURSE CONTENT/SYLLABUS

The course proposes an analytical method of investigation, intended as a system of rules consistent with the object being investigated which allows to derive the meanings of reality through the metric and qualitative analysis of architecture, with the aim of making explicit, in the representation, the logical articulation, the formal and constructive structure, going back to the matrixes of its compositional, technical, qualitative, material, metric and geometric results. This will be possible through the adoption of integrated procedures which, starting from the visual survey,

created through sketches and schematic graphic models, experiment the different methods of survey, from the direct one carried out through the use of traditional tools, to the indirect one which makes use of new technologies.
Subjects
Fundamentals of the discipline, finalities of survey, scales of survey.
Reading architecture: parts and elements, layout geometries.
Measurement: elements of metrology, error and uncertainty in surveying.
Cartographic references: historical cartography and current cartography.
Photography in survey.
Survey and representation of the vaults.
Direct survey: methods and tools for direct planimetric and direct altimetric survey.
Photogrammetric survey: terrestrial and aerial photogrammetry, methods for photographic shooting and data processing.
3D digital survey: laser scanner survey
Indirect survey: methods and tools for indirect survey.
GPS survey.
Themes: materials survey, cromatic survey, xstructural survey, masonry survey, degradation survey, diagnostic survey.

READINGS/BIBLIOGRAPHY

The teaching material will be provided during the lessons with online references and with the most recent articles relating to researches in the field of surveying.
Reference text:
M. DOCCI, D. MAESTRI, Manuale di rilevamento architettonico, Laterza, Roma-Bari, 2004

TEACHING METHODS OF THE COURSE (OR MODULE)

The course is divided into theoretical lessons, practical exercises relating to the topics covered, site inspections for the metric and photographic survey and meetings for the revisions of the graphic drawings illustrating the assigned building and the survey methods and procedures adopted. The work can be done individually, or in groups freely organized by the students and made up of two or at most three members.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- ☐ Written
- ☑ Oral
- ☑ Project discussion
- ☑ Other : During the year of teaching there is the probability of tests whose results could affect learning evaluation.

In case of a written exam, questions refer to

- ☐ Multiple choice answers

☑ Open answers

☐ Numerical exercises

b) Evaluation pattern

The final exam consists of an oral test on the topics covered, in the evaluation of the graphic works relating to the exercises carried out during the course and in the evaluation of the drawings drawn up as a survey and representation application work.

In the exam, the following will be evaluated: the completeness and accuracy of the contents, the mastery of the concepts and the clarity of the presentation, the correctness of the graphic drawings and the ability to know how to adequately illustrate them in relation to the relevant procedures adopted.

COURSE DESCRIPTION
ARCHITECTURAL SURVEY AND CAD

SSD: DISEGNO (ICAR/17)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: CERA VALERIA
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 03 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 8

REQUIRED PRELIMINARY COURSES

Architectural Drawing.

PREREQUISITES

Knowledge and use of techniques and methods of representation.

LEARNING GOALS

The course intends to provide students with the knowledge and methodological tools necessary to survey and document an architecture in its complexity. The objectives are to provide students the fundamental notions in order to be able to deal with the analysis of an architectural system, illustrate the theoretical principles of architectural survey and lead students to learn the processes of direct and indirect, photogrammetric and digital 3D measurement aimed to knowledge and representation of the built environment, to its meanings and its intrinsic values.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The expected learning outcomes are:

- being able to critically read an architecture;
- be able to adequately formulate a survey project, contemplating the use of the most appropriate methods in relation to the context, the object of study and the purposes of the survey;
- know the survey tools and methods from the traditional ones to the most recent evolutions related to the use of new technologies;
- knowing how to appropriately represent the results of a survey, documenting the meanings of architecture in appropriately themed written and visual/numerical documents, contemplating the quantitative and qualitative data.

In particular, students must demonstrate that they understand the meanings of architecture, as well as the problems and implications relating to the various survey methods, starting from traditional acquisition methods up to the latest generation ones.

Applying knowledge and understanding

Students must demonstrate that they are able to practically carry out metric, photogrammetric, instrumental and perceptive survey operations, as well as develop thematic surveys and produce written and visual/numerical documents capable of returning the quantitative and qualitative values of architecture.
The training course is aimed at transmitting the operational skills necessary to concretely apply the knowledge and to foster the ability to make full use of the methodological tools.

Further expected learning outcomes, relating to:

- **judgment independence**: the student must be able to know how to set up a survey project, autonomously evaluating the most appropriate acquisition methodologies and methods of representation and proposing solutions consistent with the object of study and the specificities related to it;

- **communication skills**: the student must be able to present the results of the survey and summarize the results achieved in a complete but concise manner using the technical language
correctly. The student is stimulated to elaborate a survey project with clarity and rigor and to deepen the methods studied, to familiarize himself with the terms of the discipline, to express the contents and the application possibilities with correctness and simplicity;

- **learning ability**: students must be able to update and expand their knowledge by independently drawing on texts, scientific articles, starting from the content of the lessons and from the texts suggested during them.

COURSE CONTENT/SYLLABUS

The course proposes an analytical method of investigation, intended as a system of rules consistent with the object being investigated which allows to derive the meanings of reality through the metric and qualitative analysis of architecture, with the aim of making explicit, in the representation, the logical articulation, the formal and constructive structure, going back to the matrixes of its compositional, technical, qualitative, material, metric and geometric results. This will be possible through the adoption of integrated procedures which, starting from the visual survey, created through sketches and schematic graphic models, experiment the different methods of survey, from the direct one carried out through the use of traditional tools, to the indirect one which makes use of new technologies.

Subjects

Fundamentals of the discipline, finalities of survey, scales of survey.
Reading architecture: semantic analysis, parts and elements, layout geometries.
Measurement: elements of metrology, error and uncertainty in surveying.
Cartographic references: historical cartography and current cartography.
Photography in survey.
Survey and representation of the vaults.
Direct survey: methods and tools for direct planimetric and altimetric survey.
Image-based survey: terrestrial, aerial and underwater photogrammetry, methods for photographic shooting and data processing.
Range-based survey: laser scanner survey, also in dynamic mode.
Indirect survey: methods and tools for indirect survey.
3D Modelling, nurbs and parametric process.
Themes: materials survey, cromatic survey, structural survey, masonry survey, degradation survey, diagnostic survey.

READINGS/BIBLIOGRAPHY

The teaching material will be provided during the lessons with online references and with the most recent articles relating to researches in the field of surveying.

Reference text:
M. DOCCI, D. MAESTRI, *Manuale di rilevamento architettonico*, Laterza, Roma-Bari, 2020.

TEACHING METHODS OF THE COURSE (OR MODULE)

The course is divided into theoretical lessons, practical exercises relating to the topics covered, site inspections for the metric and photographic survey and meetings for the revisions of the graphic drawings illustrating the assigned building and the survey methods and procedures adopted. The work can be done individually, or in groups freely organized by the students and made up of two or at most three members.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

☐ Written

☑ Oral

☑ Project discussion

☑ Other : Some intermediate tests - also in terms of graphic layouts prepared for the year's theme with a set deadline - may be scheduled and carried out during the course. Adherence to the deadlines and the results of the tests will be taken into account in the assessment and evaluation of learning.

In case of a written exam, questions refer to

☐ Multiple choice answers

☑ Open answers

☐ Numerical exercises

b) Evaluation pattern

The final exam consists of an oral test on the topics covered, in the evaluation of the graphic works relating to the exercises carried out during the course and in the evaluation of the drawings drawn up as a survey and representation application work.

In the exam, the following will be evaluated: the completeness and accuracy of the contents, the mastery of the concepts and the clarity of the presentation, the correctness of the graphic drawings and the ability to know how to adequately illustrate them in relation to the relevant procedures adopted.

COURSE DESCRIPTION
INTERIOR ARCHITECTURE

SSD: ARCHITETTURA DEGLI INTERNI E ALLESTIMENTO (ICAR/16)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: CAFIERO GIOCONDA
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 01 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER I
CFU: 6

REQUIRED PRELIMINARY COURSES

nothing

PREREQUISITES

ability in technical drawing

LEARNING GOALS

The aim of the course is to educate students to understand the architectural phenomenon, the reasons for which it is put into being, the ways in which it is in general to satisfy man's needs and to give shape to his desires and his aspirations. The interior is the place where life takes place, it is the scene where the culture of one's time manages to communicate its contents, and it is for this reason that the course intends to investigate architecture starting from its interiors, not for a delimitation disciplinary, as for a broader understanding of the same.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The course deals with the theme of the culture of living and of the architectural interior. The student must be able to identify the links that link the tectonic structure and the formal structure, the spatial quality and the furniture, through the study of the aesthetic measure of spatiality in the recurring typologies and spatial conformations of the experience, through the categories necessary for the definition and analysis of performance, distribution, dimensional, tectonic problems.

The student will have to recognize the main parameters that define the architectural interior in history and in the contemporary world, in order to build a methodological criterion for reading and subsequently for the proactive hypothesis of the interior space in the architectural project, with particular attention to the generative role of the living space and with greater insights into the scale of detail.

Applying knowledge and understanding

The student must be able to design a space with punctual reference both to the definition of the architectural terminals and to the furnishings necessary to respond to the required functions, thus verifying in detail both the sizing and the aggregation and distribution criteria, as well as the links between the organization of the internal spaces and the overall conformation of an architectural organism, on the volumetric level up to the design of the facades.

The student must be able to correctly represent an architectural interior, including details and furnishings. You must be able to graphically communicate a space both as regards the globality of the prefigured environment and as regards the technical and constructional aspects of the components. You must also be able to describe the connections in terms of meaning that link the interior design to the conception of an architecture.

COURSE CONTENT/SYLLABUS

The contents are distinguished from the central group of themes relating to the field of architectural design, as they refer to themes that have a particular autonomy in terms of method and tools, also implying interactions with various other sectors. They concern theoretical aspects of architecture focused on the relationships between usable spaces, objects, images, people and applicative aspects related to the specific design problems of interior architecture and furnishings. The contents of the course are related to the study of the relationship between "space", "furniture" and "human body".

- Position and role of furniture in the architectural project Centrality of man in the interior design Concept of hermeneutic circularity in the various phases of the project
- The enclosure and the archetypal notion of the interior. Forms and meanings. Limit and margin Ideal shape and real shape Complication of the Labyrinth Shape, Measure and distance

- Centrality of the interior as the place of primary genesis of the project Project that expands from the inside towards the outside Object/phenomenon relationship Construction of the quality of the enclosed void Sense of the fragment with respect to the whole
- The path Crossing space and perception of places Fruition paths and visual paths Visual angles. Movement and stasis, participation and contemplation - Anthropometry of internal space Difference between measure and proportion Perception of internal space Coenesthesia and biological plasticity Geometric form and perceived form
- House by summation or integration of spatial units The functional specialization of spaces and furnishings
- Flexibility and diachronic use of Margin spaces and movable furnishings - Memory of shapes and memory of behaviors
- Environment and environment Interpenetration of spaces The free plan The role of furniture in the definition of space Formal innovation and technological innovation - Light and color Natural light: modeled light effects Artificial light: constructed light effects Object color and areal color

READINGS/BIBLIOGRAPHY

Didactic material: books, articles, references to web links, graphs and in-depth models of the topics and examples covered in theory. The lectures will be documented with specific bibliographic references. Further bibliographic references will be given to students in close connection with the topic covered in the design exercise.

TEACHING METHODS OF THE COURSE (OR MODULE)

The course is structured through lectures, guided exercises with redesign, modeling, discussion and comparison of case studies for the final elaboration of a project. The various topics covered in the theoretical part are verified in the application part.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- [ ] Written
- [x] Oral
- [x] Project discussion
- [ ] Other

In case of a written exam, questions refer to

- [ ] Multiple choice answers
- [ ] Open answers
- [ ] Numerical exercises

b) Evaluation pattern

The construction of the evaluation will develop over the entire course, also through specific exercises, agreed with the responsible teacher. The final test will consist in the critical discussion

of the analysis and project documents, produced in order to examine methodological criteria, theoretical implications and propositional outcomes, in order to verify the acquired ability to place the sensitivity and knowledge at the basis of the architectural project related to the conformation of the internal spaces.

COURSE DESCRIPTION
TECHNOLOGICAL DESIGN OF ARCHITECTURE WORKSHOP

SSD: TECNOLOGIA DELL'ARCHITETTURA (ICAR/12)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: FABBRICATTI KATIA
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 01 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER II
CFU: 8

REQUIRED PRELIMINARY COURSES

TECHNOLOGICAL CULTURE FOR HABITAT DESIGN

PREREQUISITES

No

LEARNING GOALS

In line with the objectives of the course of study and with the training acquired in the previous year in the field of Architectural Technology, the goal of teaching is to enable the student to:
a) understand criteria, methods and tools of technological design in the development of the project in relation to the demanding framework and the socio-cultural, technical-productive and environmental context;
b) use basic methodological tools necessary for systemic monitoring of project complexity levels;
c) design within a framework of sustainable development and with knowledge and design approaches for innovation, experimentation and recovery;

d) use the main methodologies relevant to the evolution of housing and construction culture in relation to settlement systems;
e) produce graphical and descriptive documents with clarity and rigor.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The student should gain: knowledge and ability to understand criteria, methods and tools of the technological design, as well as to know the problems related to the design and technical-constructive choices in relation to the demanding framework, and the socio-cultural, technical-productive and environmental context. The educational path aims to provide students with the basic knowledge and methodological tools necessary for systemic control of the levels of complexity of the project.

Applying knowledge and understanding

Students must be able to design within a framework of sustainable development and with knowledge and design approaches aimed at innovation and experimentation, with reference to emerging aspects of environmental and digital culture, as well as maintenance and retraining culture. The training course is geared towards transmitting the operational skills necessary to apply in practice the knowledge, methodologies, strategies and solutions for living through the control of the different scales and levels of project.

COURSE CONTENT/SYLLABUS

Course content covers:
- the systemic and performance-based methodological approach developed by the Technological Design of Architecture;
- the intervention process for new and existing construction: phases and actors, tools, methods and strategies;
- the evolution of the demanding framework in the face of new demands of the actors of the building process with respect to settlement systems;
- the design scenarios for improving performance levels, in relation to the constraints and potential of existing buildings, with a perspective of resilience and sustainability;
- the methods and tools that govern the relationship between building design, construction and management;
- the control of outcomes and design alternatives with reference also to life cycle and adaptability and maintainability requirements.

READINGS/BIBLIOGRAPHY

AA.VV. (2001), Dizionario degli elementi costruttivi, UTET, Torino.
Campioli A., Lavagna M. (2013), Tecniche e architettura, CittàStudi.
Viola S., Zain U. A. (2021), Cultural and creative industries. Technological innovation for the built environment, La Scuola di Pitagora, Napoli.

Gasparoli P., Talamo C. (2006), Manutenzione e Recupero. Criteri, metodi e strategie per l'intervento sul costruito, Alinea, Firenze; selezione di capitoli.

Viola S., Diano D. (2019), Repurposing the Built Environment: Emerging Challenges and Key Entry Points for Future Research, Sustainability, 11(17), 46-69; https://doi.org/10.3390/su11174669.
Durante lo svolgimento delle lezioni saranno forniti in dettaglio i riferimenti per ciascun argomento trattato ed approfondimenti bibliografici.

TEACHING METHODS OF THE COURSE (OR MODULE)

Educational modules organized in front-line lessons, interactive teaching forms, seminars.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- ☐ Written
- ☑ Oral
- ☑ Project discussion
- ☑ Other : The examination is aimed at verifying the achievement of the results obtained, through an interview on the design works developed in the classroom, recalling the topics covered in the theoretical lectures. The assessment will be aimed at verifying the acquisition and testing, through a case study exercise, of methods and tools of Technological Design to ensure the feasibility of the architectural project.

In case of a written exam, questions refer to

- ☐ Multiple choice answers
- ☐ Open answers
- ☐ Numerical exercises

b) Evaluation pattern

Evaluation will be based on the oral interview and presentation of the graphic work.

COURSE DESCRIPTION
TECHNOLOGICAL DESIGN OF ARCHITECTURE WORKSHOP

SSD: TECNOLOGIA DELL'ARCHITETTURA (ICAR/12)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: CLAUDI DE SAINT MIHIEL ALESSANDRO
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 02 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER II
CFU: 8

REQUIRED PRELIMINARY COURSES

Cultura Tecnologica per il Progetto dell'habitat

PREREQUISITES

Nessuno

LEARNING GOALS

In line with the educational project of the Degree Course and with the training gained in the previous year in the disciplinary area of Architecture Technology, the teaching objective is to allow the student to: a) understand criteria, methods and tools of technological design in the development of the project in relation to the demanding framework and the socio-cultural, technical-productive and environmental context; b) use basic methodological tools necessary for systemic monitoring of project complexity levels; c) design within a framework of sustainable development and with knowledge and design approaches for innovation, experimentation and recovery; d) use the main methodologies relevant to the evolution of housing and construction

culture in relation to settlement systems; e) produce graphical and descriptive documents with clarity and rigor

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The student, in the development of the project, is guided to understand criteria, methods and tools of the technological design, as well as to know the problems related to the design and technical-constructive choices in relation to the demanding framework, and the socio-cultural, technical-productive and environmental context. The educational path aims to provide students with the basic knowledge and methodological tools necessary for systemic control of the levels of complexity of the project.

Applying knowledge and understanding

Students must be able to design within a framework of sustainable development and with knowledge and design approaches aimed at innovation and experimentation, with reference to emerging aspects of environmental and digital culture, as well as maintenance and retraining culture. The training course is geared towards transmitting the operational skills necessary to apply in practice the knowledge, methodologies, strategies and solutions for living through the control of the different scales and levels of project

COURSE CONTENT/SYLLABUS

The aim of the Laboratory is to develop in students the ability to evaluate and select sustainable, consolidated and innovative technologies, in relation to specific architectural quality objectives and control of the environmental implications on the architectural project in the knowledge that the formal, functional and technological aspects act in a recursive and integrated way.
The program covers the following topics:
- Technology design aspects;
- Technological innovation of process, design and product;
- Technical information and implications in the architectural design;
- Relationship between design and construction, design requirements and logic of assembly of products and materials;
- Project testing in the residential field;
- Building in the age of energy transition- Building in the age of digital transition.

READINGS/BIBLIOGRAPHY

AA.VV. *Manuale di Progettazione Edilizia*, vol 4°, Hoepli, Milano 1995
E. Arbizzani, *Progettazione tecnologica dell'architettura*, Maggioli editore, Santarcangelo di Romagna, 2021
Tucci F., *Involucro ben temperato. Efficienza energetica ed ecologia in architettura attraverso la pelle degli edifici*, Alinea, Firenze 2006.

Ulteriori riferimenti saranno forniti dalla docenza nel corso del Laboratorio

TEACHING METHODS OF THE COURSE (OR MODULE)

Educational modules organized in front-line lessons, interactive teaching forms, seminars

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- [ ] Written
- [x] Oral
- [x] Project discussion
- [ ] Other

In case of a written exam, questions refer to

- [ ] Multiple choice answers
- [ ] Open answers
- [ ] Numerical exercises

b) Evaluation pattern

The assessment is based on the presentation of the three exercises illustrated and guided in the classroom

COURSE DESCRIPTION
TECHNOLOGICAL DESIGN OF ARCHITECTURE WORKSHOP

SSD: TECNOLOGIA DELL'ARCHITETTURA (ICAR/12)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: BELLOMO MARIANGELA
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 03 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER II
CFU: 8

REQUIRED PRELIMINARY COURSES

Cultura Tecnologica per il Progetto dell'habitat

PREREQUISITES

No

LEARNING GOALS

In line with the educational project of the Degree Course and with the training gained in the previous year in the disciplinary area of Architecture Technology, the teaching objective is to allow the student to: a) understand criteria, methods and tools of technological design in the development of the project in relation to the demanding framework and the socio-cultural, technical-productive and environmental context; b) use basic methodological tools necessary for systemic monitoring of project complexity levels; c) design within a framework of sustainable development and with knowledge and design approaches for innovation, experimentation and recovery; d) use the main methodologies relevant to the evolution of housing and construction culture in relation to settlement systems; e) produce graphical and descriptive documents with clarity and rigor

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

The student, in the development of the project, is guided to understand criteria, methods and tools of the technological design, as well as to know the problems related to the design and technical-constructive choices in relation to the demanding framework, and the socio-cultural, technical-productive and environmental context. The educational path aims to provide students with the basic knowledge and methodological tools necessary for systemic control of the levels of complexity of the project.

Applying knowledge and understanding

Students must be able to design within a framework of sustainable development and with knowledge and design approaches aimed at innovation and experimentation, with reference to emerging aspects of environmental and digital culture, as well as maintenance and retraining culture. The training course is geared towards transmitting the operational skills necessary to apply in practice the knowledge, methodologies, strategies and solutions for living through the control of the different scales and levels of project

COURSE CONTENT/SYLLABUS

The aim of the Laboratory is to develop in students the ability to evaluate and select sustainable, consolidated and innovative technologies, in relation to specific architectural quality objectives and control of the environmental implications on the architectural project in the knowledge that the formal, functional and technological aspects act in a recursive and integrated way.

The program covers the following topics:

- Technology design aspects;
- Technological innovation of process, design and product;
- Technical information and implications in the architectural design;
- Relationship between design and construction, design requirements and logic of assembly of products and materials;
- Project testing in the residential field;
- Building in the age of energy transition- Building in the age of digital transition.

READINGS/BIBLIOGRAPHY

AA.VV. *Manuale di Progettazione Edilizia*, vol 4°, Hoepli, Milano 1995

E. Arbizzani, *Progettazione tecnologica dell'architettura*, Maggioli editore, Santarcangelo di Romagna, 2021

P. Ascione, M. Bellomo (a cura di), *Retrofit per la residenza*, Clean edizioni, Napoli, 2012

Bellomo M., D'Agostino A., *Sfide e temi tra tecnologie innovative e network di paesaggi*, Altralinea, Firenze, 2020.

A. Campioli, M. Lavagna (a cura di), *Raccomandazioni per la progettazione di edifici energeticamente efficienti*, Edizioni Laterservice, Roma, 2009.

Tucci F., *Involucro ben temperato. Efficienza energetica ed ecologia in architettura attraverso la pelle degli edifici*, Alinea, Firenze 2006.

Vezzoli C., Manzini E., *Design per la sostenibilità ambientale*, Zanichelli, Bologna, 2007.

Further references will be provided by the teacher during the Laboratory

TEACHING METHODS OF THE COURSE (OR MODULE)

Educational modules organized in front-line lessons, interactive teaching forms, seminars

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- [ ] Written
- [x] Oral
- [ ] Project discussion
- [ ] Other

In case of a written exam, questions refer to

- [ ] Multiple choice answers
- [ ] Open answers
- [ ] Numerical exercises

b) Evaluation pattern

The assessment is based on the presentation of the three exercises illustrated and guided in the classroom - development of a model and a book of an architectural work in steel; analysis of a building in c.a.; project of a wooden artifact - and in the discussion of the topics covered in the theoretical lessons.

COURSE DESCRIPTION
ARCHITECTURAL PLANNING LABORATORY 2

SSD: COMPOSIZIONE ARCHITETTONICA E URBANA (ICAR/14)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: CALDERONI ALBERTO
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 02 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER II
CFU: 8

REQUIRED PRELIMINARY COURSES

Architectural Design Studio 1

PREREQUISITES

No prerequisites

LEARNING GOALS

The aim of the second year design studio is to address the relationship between building and its context and to construct the coordinates of the design approach on the basis of this relationship.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

Through theoretical lectures, seminars, on-site visits and laboratory activities, the student understands the compositional issues (distributive, typological, morphological and linguistic) that underlie the architectural project and its various thematic articulations, and understands its relationships with the other disciplines that contribute to the

development of the architectural project.

Applying knowledge and understanding

The student develops the ability to theoretically and methodologically structure the design activity and to produce design work dealing with the different degrees of complexity of the architectural project at different scales. The ability to apply some of the knowledge acquired in this field is realised in the design activities of the studio in the different years.

COURSE CONTENT/SYLLABUS

The students of the Architectural Design Studio in the second year will explore possible settlement strategies in order to generate urban redevelopment and regeneration processes. The search for new urban quality will become project themes to be addressed through the interpretation and consequent transformation of existing buildings and spaces in order to promote places intended for training, education and education, that is, devices available to implement transformation processes on a broader scale of influence. The second year's studio belongs to a phase of the course in which the project takes on explicitly urban values and becomes a tool for measuring and shaping the context. For this reason, the second year studio will develop its design experiments in an urban context that is part of that logic of systematic fragmentation and discontinuity that in the Neapolitan reality is established as an urbanising principle. The project to be developed will be an opportunity to experiment with new declinations of the relationship between open and built space: in particular urban conditions, in fact, students will be asked to propose new strategies capable of determining new balances between buildings in use and disused ones, between waste areas and others affected by pedestrian, vehicular and railway flows. The aim of the proposed theme is to stimulate reflection both on the specific dimension of the building and on the more complex dimension of the urban context.

READINGS/BIBLIOGRAPHY

Ascolese, M. Calderoni, A. Cestarello, V. 2017, Anaciclosi. Sguardi sulla città antica di Napoli

Benjamin, W. 1955, Immagini di città

Calderoni, A. 2016, Appunti dal visibile

Calderoni, A. 2019, Condizioni e consonanze

Calderoni, A., Gandolfi, C., Leveratto, J., Nitti, A., Modelli, «STOÀ» n. 1, Anno I, Estate 2021

Calderoni, A., Gandolfi, C., Leveratto, J., Nitti, A., Disegni, «STOÀ» n. 2, Anno I, Autunno 2021

Calderoni, A., Gandolfi, C., Leveratto, J., Nitti, A., Renderings, «STOÀ» n. 3, Anno II, Inverno 2022

Calvino, I. 1993 Le città invisibili

Campo Baeza, A. 2013, L’idea costruita

Collotti, F. 2002, Appunti per una teoria dell’architettura

Ferraro, I. 2007, Atlante della città storica. Vol. 5

Marti Aris, C. 2002, Silenzi eloquenti

Moneo, R. 2005, Inquietudine teorica e strategia progettuale

Moneo, R. 2004, La solitudine degli edifici, vol. 2

Pallasma, J. 2014, La mano che pensa

Perec, G. 1989, Specie di spazi

Quaroni, L. 1977, Otto lezioni di architettura

Maeda, J. 2006, Le leggi della semplicità

Rilke, R. M. 1929, Lettere ad un giovane poeta
Rossi, A. 1966, L'architettura della città
Sennett, R. 2013, L'uomo artigiano
Snozzi, L. 2013, 25, Aphorismen zur Architektur
Tanizaki, J. 2000, Libro d'ombra
Tessenow, H. 1916, Osservazioni elementari sul costruire
Utzon, J. 2011, Idee di architettura
Zevi, B. 1948, Saper vedere l'architettura
Zumthor, P. 2008, Atmosfere
Zumthor, P. 2003, Pensare architettura

TEACHING METHODS OF THE COURSE (OR MODULE)

Lectures and exercises. Hands-on laboratory design work.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- ☐ Written
- ☑ Oral
- ☑ Project discussion
- ☐ Other

In case of a written exam, questions refer to

- ☐ Multiple choice answers
- ☐ Open answers
- ☐ Numerical exercises

b) Evaluation pattern

the design studio 2 will include the presentation by the students of the work produced and verification of learning on the topics contained in the reference bibliography.

COURSE DESCRIPTION
HISTORY OF ARCHITECTURE 2

SSD: STORIA DELL'ARCHITETTURA (ICAR/18)

DEGREE PROGRAMME: SCIENZE DELL'ARCHITETTURA (N13)
ACADEMIC YEAR 2023/2024

COURSE DESCRIPTION

TEACHER: MAGLIO EMMA
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GENERAL INFORMATION ABOUT THE COURSE

INTEGRATED COURSE: NOT APPLICABLE
MODULE: NOT APPLICABLE
TEACHING LANGUAGE: ITALIANO
CHANNEL: 02 Cognome A - Z
YEAR OF THE DEGREE PROGRAMME: II
PERIOD IN WHICH THE COURSE IS DELIVERED: SEMESTER II
CFU: 8

REQUIRED PRELIMINARY COURSES

Storia dell'Architettura 1

PREREQUISITES

None

LEARNING GOALS

The course aims at providing tools for the knowledge, understanding, and interpretation of languages and protagonists of Italian and international architecture from the Enlightenment to the second half of the 20th century, with specific thematic insights into the architecture of Naples. A preliminary reminder to the main themes examined in the previous Storia dell'Architettura 1 course will allow to fix aspects of the transition from the modern to the contemporary period, keeping a common thread of the different and multiple "returns" of classic architecture up to present. Buildings and architects will be studied with respect to their own geographical and cultural context, and the relationship between the scale of the building and that of the city will always be

highlighted, to give students awareness of historical architecture that is necessary in every project dealing with existing buildings.

EXPECTED LEARNING OUTCOMES (DUBLIN DESCRIPTORS)

Knowledge and understanding

Students have to prove they know: the different types of sources for the history of architecture; the history and theory of architecture and their relationship with the architectural project during the time; the morphological, typological, constructive, and language aspects of the examined buildings; the specific terminology of the discipline.

Applying knowledge and understanding

Students have to prove they can: correctly and fully analyse the buildings and themes illustrated during the course; possess sufficient critical skills of architectures and authors in their wider cultural context; recognise the connection of architectural history with the disciplines of architectural design, survey, and restoration through the studied architectures and themes.

COURSE CONTENT/SYLLABUS

The course illustrates the history of Italian and international architecture from the Enlightenment to the second half of the 20th century, with specific thematic insights into the architecture of Naples. The course is structured in thematic modules:

1) Presentation of the course (program, objectives, and teaching material). The concept of architecture over time and the birth of the history of architecture. Methodologies of the historical analysis of architecture; bibliographic and archival research tools; material, documentary, iconographic, and cartographic sources. Brief summary of the main themes addressed in the course Storia dell'Architettura 1.

2) Enlightenment Rationalism and Neoclassicism. The theorists of the French Enlightenment, the works of Soufflot, Boullée, and Ledoux. The Enlightenment city, the Parisian model and its diffusion in Europe, theoretical examples and actual plans for the city. The role of Italy and archaeology in neoclassical age; the first accomplished examples of museums; the birth of restoration; Neoclassicism and Palladianism in England; the Picturesque and the Romantic garden; the École Polytechnique and the works of Percier and Fontaine; Napoleonic Italy; Romantic Classicism in Germany.

3) The neo-Gothic architecture in France and England. Iron architecture and international exhibitions; historicist Eclecticism and the spread of neo-Renaissance language. The 19th-century city and the birth of urban planning, the industrial revolution and its urban consequences, the bourgeois city, and demolitions and new building activities in the European capitals. The city of Naples and its architecture in the Viceroyal, Bourbon and Napoleonic periods. Architecture and cities in America, the birth of skyscrapers and the Chicago School. Art Nouveau works by Horta and Van de Velde, the 'Viennese Secession', Wagner and Olbrich, Gaudì, and Italian architecture.

4) The architects of Protorationalism: Hoffmann, Perret, Garnier, Loos, and Behrens. Gropius and the Bauhaus. Architecture and city in the work of Le Corbusier. The 'organic' architecture of Wright

and Aalto. The architecture of Mies van der Rohe. Italian Rationalism and Terragni's work. Architecture and cities in Italy and in the world from the second postwar period until today. The city of Naples and the most significant buildings of the 20th century.
5) A group exercise will be carried out during some lessons of the course on an assigned theme: each group will deliver a presentation at the end of the course.

READINGS/BIBLIOGRAPHY

The teaching material to be studied for the exam consists of:
1) PDF of the lessons, as an essential study guide
2) Two books, **both mandatory**:
- E. Dellapiana, G. Montanari, *Una storia dell'architettura contemporanea*, UTET-De Agostini, Novara 2021 or other editions (chapters from 1 to 12, and chapter 14)
- K. Frampton, *Storia dell'architettura moderna*, Zanichelli, Bologna 2008 or other editions (part I chapters 1, 2, 3; part II chapters 1, 3, 7, 17, 18, 21, 23, 25, 26)
3) **Optional** books:
For Naples architecture: C. De Seta, *Napoli*, Laterza, Roma-Bari 2004, pp. 209-214, 263-276

TEACHING METHODS OF THE COURSE (OR MODULE)

The course is mandatory (the minimum attendance is 60% of the lessons, that is a maximum of 15 absences in the whole course) and takes place through frontal lectures, with the support of powerpoint presentations and other multimedia material which will be given to students.
A group exercise (2-3 people per group) will be carried out **during some lessons of the course** on an assigned theme: each group will deliver a presentation at the end of the course. The exercise is mandatory, as a part of the programme, and contributes to the final evaluation.
Students who won't be able to attend the course for proven reasons are asked to contact the professor: they will be assigned an additional text to study for the exam.
Students who at the end of the course will have attended less than 60% of the lessons and/or won't have done the group exercise at all will be equally assigned an additional text to study for the exam.

EXAMINATION/EVALUATION CRITERIA

a) Exam type

- ☐ Written
- ☑ Oral
- ☐ Project discussion
- ☐ Other

In case of a written exam, questions refer to

- ☐ Multiple choice answers
- ☐ Open answers
- ☐ Numerical exercises

b) Evaluation pattern

The exam takes place in oral form and consists of 2-3 questions about the programme and a presentation of the exercise. Students having not followed the course, students having not reached attendance and/or having not carried out the exercise will be asked one more question about the additional text assigned.