UNIVERSITÀ DI PAVIA

Anno Accademico 2021/2022

HISTORY OF ARCHITECTURE 2

Enrollment year	2020/2021
Academic year	2021/2022
Regulations	DM270
Academic discipline	ICAR/18 (HISTORY OF ARCHITECTURE)
Department	DEPARTMENT OF CIVIL ENGINEERING AND ARCHITECTURE
Course	
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	1st semester (27/09/2021 - 21/01/2022)
ECTS	12
Lesson hours	106 lesson hours
Language	Italian
Activity type	ORAL TEST
Teacher	SAVORRA Massimiliano (titolare) - 12 ECTS BUSSI BETSABEA - 0 ECTS GAVELLO CINZIA - 0 ECTS NANNINI SOFIA - 0 ECTS
Prerequisites	Students of this course are required to possess or acquire adequate initial preparation in the following knowledge of: History, History of Art and Literature learned during studies conducted in lower and upper secondary schools; and Design and History of Architecture 1 learned during the first year.
Learning outcomes	The aim of the course is to provide the student with the knowledge of the fundamental lines of the history of architecture, from the end of the 18th century to the last years of the 20th, as well as illustrating and comparing different professional figures and profiles, procedures and applied systems, individual episodes. and significant works. It intends to address issues related to the conventional and innovative uses of traditional materials, as well as the experimentation and application of

new materials and construction methods, in relation to the different theories and different architectural languages. The works of well-known and lesser-known architects will be analyzed from time to time in the light of contemporary international experiences. The learning outcomes will be verified during the exam interview, also on the basis of a booklet produced by the students in the classroom and during the educational visits, and of a paper drawn up after a targeted historical research (1. Chronotopic study; 2. Investigations on printed sources), carried out in the library.

Course contents

In principle, the lessons will focus on topics related to the history of architecture from the late eighteenth century to the last years of the twentieth. The stories of contemporary architecture. Architectural theories in the mid-18th century: Militia, Laugier, Lodoli, Algarotti, Memmo. The Enlightenment and neoclassical architecture between Italy and Europe. The theme of the Pantheon between the eighteenth and nineteenth centuries. The visionary architects: Boullé, Ledoux, Lequeu. German architectural culture: Schinkel, von Klenze and the others. The birth of schools for architects and engineers: the French model. Power and its representation: the empire style of Percier and Fontaine. The École des Beaux-Arts and the École Polytechnique in Paris: Durand, Hittorff, Duban, Labrouste, E. E. Viollet-le-Duc, Ch. Garnier. The new materials and the Cristal Palace. Architecture and the revival of the Middle Ages in the Europe of Nations: Pugin, Street, Ruskin, Morris. Italian architecture and cities in the second half of the nineteenth century: Antonelli, Mengoni, Boito. The American Renaissance: McKim Mead & White. The birth of the skyscraper. The Chicago School: Burnham, Sullivan. Organic architecture: Frank Lloyd Wright. Modernism, Art Nouveau and the search for new languages: Horta, Guimard, van de Velde, Basile, D'Aronco, Sommaruga. The Wagnerschule: Wagner, Hoffmann, Olbrich and others. National identities and regional styles: Gaudì, Mackintosh, Eliel Saarinen. Architecture towards modern rationalism: the Werkbund and Peter Behrens. Modern language and ornament: Adolf Loos. The architecture of expressionism: Eric Mendelsohn, Bruno Taut. Rationalism as a language: Auguste Perret. Rationalism as an ideology: Le Corbusier. Architecture towards an international style: Walter Gropius and the Bauhaus. Minimalism: Ludwig Mies van der Rohe. The search for mediation: Alvar Aalto The Ten Years in Italy. Futurism. The Barocchetto style in the 1920s in Italy. The young rationalists: Giuseppe Terragni and the others. Marcello Piacentini and the Italian cities during fascism. Reconstruction in Italy in the 1950s: themes, issues, protagonists. Italian engineering in the late twentieth century. Two Italian masters: Gio Ponti and Pier Luigi Nervi. The search for spectacular forms: Eero Saarinen, Felix Candela. A Brazilian master: Oscar Niemeyer. The technological aesthetics and utopias of the sixties and seventies. Modular cells and megastructures. The construction of the Pompidou and Renzo Piano Center. Giancarlo De Carlo. The return of the classic and the Post-Modern: Louis Kahn. Five Architects. High Tech Language: Richard Rogers, Norman Foster. Neorationalism and the Trend: Rossi, Grassi, Ungers. Deconstructivism I: Tschumi, Coop Himmelb (l) au, Libeskind, Koolhaas; Deconstructivism II: Eisenman, Gehry, Hadid. Swiss minimalism and experimental research: from

	Zumthor to Herzog & De Meuron. Any seminars and conferences will be an integral part of the exam program.
Teaching methods	Lessons (hours / year in the classroom): 67 Exercises and Laboratory (hours / year in the classroom): 38 Ex cathedra lessons, in-depth seminars, readings, exercises in the library, booklets, didactic visits, video viewing.
Reccomended or required readings	The student will analyze the topics covered in the course through his own bibliographic itinerary. In this sense, didactic materials and specific bibliographic indications will be provided, starting from the individual themes and cases illustrated in the detailed program uploaded to the digital platforms provided (FB Storia Architettura 2 Unipv; Kiro Unipv).
Assessment methods	The exam consists of an oral interview aimed at verifying learning and achievement of the training goals. For those attending (2/3 of the course) at least two questions will cover all the topics covered in the course, and one question will relate to the Exercise and the final Carnet produced. For non-attending students at least four questions will cover all the topics covered in the course.
Further information	The exam consists of an oral interview aimed at verifying learning and achievement of the training goals. For those attending (2/3 of the course) at least two questions will cover all the topics covered in the course, and one question will relate to the Exercise and the final Carnet produced. For non-attending students at least four questions will cover all the topics covered in the course.
Sustainable development goals - Agenda 2030	4. Quality education; 5. Gender equality; 10 To break down inequalities; 11. Sustainable cities and communities. $lbl_legenda_sviluppo_sostenibile