

Plan of Studies
2021/22

Study at the Academy of Architecture-USI is organized in two foundational semesters, followed by four semesters to complete the Bachelor degree, and another four semesters for the Master of Science, the last semester of which is wholly devoted to working on the Diploma project. The teaching is supplemented by two semesters of practical training. For the whole duration of the studies, design work plays a central part, closely accompanied by theoretical, historical-humanistic and technical-scientific courses. The design work is conducted in compulsory semestral studio sessions. To give greater continuity and coherence to the education of our students, the theoretical courses are distributed homogeneously across the span of all years of study. The theoretical courses for the Bachelor 1 and 2 are all compulsory, while for the Bachelor 3 and Master of Science 1-2 they are partly compulsory, partly based on a limited choice (optional), and partly facultative. To be promoted in each year of the Bachelor course students are required to attain at least 30 ECTS in design and 30 in the historical-humanistic and in the technical-scientific subjects, with a weighted average of 6 in all theoretical subjects in BSc1 and BSc2. The School's regulations establish that to obtain a Bachelor degree the student, having passed each single year, must have accumulated a total of 180 ECTS, of which at least 5 must be in each of the subjects designated as follows: SA-History and Theory of Art and Architecture, CT-Culture of the Territory, ST-Structures, TE-Technology, and have completed the compulsory period of professional practice. To enter the Diploma course it is necessary to have obtained in the Master of Science course a total of 90 ECTS, of which 45 in design and 45 in theoretical courses (of which at least 10 chosen from the historical-humanistic optional courses, 10 chosen from the technical-scientific optional courses and 5 from the compulsory theoretical paper).

Key

HOUR	in studio or in class
REG	regulations
IT	italian language course
EN	english language course
SA	history and theory of art and architecture
CT	culture of the territory
ST	structures
TE	technology
F	facultative courses (BSc3)

The modalities of examinations will be submitted by lecturers at the beginning of the semester. See the Regulation of Studies on the web.

BSc1

Design	Design Studio	Semester I						Semester II					
		Lecturers	Credits	Hours	Reg	Lang.	Lecturers	Credits	Hours	Reg	Lang.		
Design	Design Studio	Architecture as Sense of Space. Architecture as Sense Making						Architecture as Sense of Space. Architecture as Sense Making					
		Design and Representation						Design and Representation					
		Space, Body, Event						Space, Body, Event					
Historical-Humanistic Courses	History and Theory of Art and Architecture Culture of the Territory	Contemporary Architecture						History of Modern Architecture 1					
		The Culture of the Modern City						Contemporary Art					
		Exemplars of the Historical City						Exemplars of the Historical City					
Technical-Scientific Courses	Construction and Technology Structures and Exact Sciences	Architecture and Materials						Digital Representation 1					
		Introduction to Load-Bearing Structures 1-2						Introduction to Load-Bearing Structures 1-2					
		Mathematical Analysis						Mathematical Analysis					
		Descriptive Geometry						Descriptive Geometry					

BSc2

Design	Design Studio	Semester I						Semester II					
		Lecturers	Credits	Hours	Reg	Lang.	Lecturers	Credits	Hours	Reg	Lang.		
Design	Design Studio	Project: Housing						Project: Housing					
		History of Modern Architecture 2						Art and Architecture of Renaissance and Baroque					
		Art and Architecture in the Middle Ages						Territory and Architecture					
		Theory and Practice of Public Space											
Historical-Humanistic Courses	History and Theory of Art and Architecture Culture of the Territory	Typological and Distributional Characters of Buildings											
		Construction Systems and Processes						Construction Systems and Processes					
		Introduction to Load-Bearing Structures 3						Introduction to Load-Bearing Structures 4					
		Intro to Sustainable Design						Construction and Project					
Technical-Scientific Courses	Construction and Technology Structures and Exact Sciences	Digital Representation 2						Building Physics					

Compulsory practical training (2 semesters-9 months min.) 60 ECTS - S. Perregrini (resp.)

BSc3

Design	Design Studio	Semester I						Semester II					
		Lecturers	Credits	Hours	Reg	Lang.	Lecturers	Credits	Hours	Reg	Lang.		
Design	Design Studio	Project: Various Typologies						Project: Various Typologies					
		Conservation, Reuse and the Practice of Restoration						Architectural Theory: From Vitruvius until Today					
		Elements of Landscape Architecture (F)						City, Climate and Architecture					
Historical-Humanistic Courses	History and Theory of Art and Architecture Culture of the Territory	Contemporary City and Social Sciences (F)						Landscape: Culture, History, Theory (F)					
		Building Systems						Construction Details 1					
		Light Structures						Sustainable Design: Methods and Tools					
		Law and Legislation (F)						Reinforced Concrete Structures (F)					
Technical-Scientific Courses	Construction and Technology Structures and Exact Sciences	Interfaculty Course (F)						Introduction to BIM (F)					

MSc1

Design	Design Studio	Semester I						Semester II					
		Lecturers	Credits	Hours	Reg	Lang.	Lecturers	Credits	Hours	Reg	Lang.		
Design	Design Studio	Project: Various Typologies						Project: Various Typologies					
		Theoretical Paper						Theoretical Paper					
Historical-Humanistic Courses	History and Theory of Art and Architecture Culture of the Territory	Methodologies of Art History						Architecture on Display: Soane Museum					
		Modern and Political Architecture: Berlin						Museumology and Museography					
		Modern and Contemporary Aesthetics						Social Architecture					
		20th Century Architectural Heritage						Aesthetics and the Ethics of Landscape and Garden					
		City and Territory						Psico-geography					
		Architects and the Urbanization Process											
		Tectonics of the Landscape											
		Urban Geography											
Technical-Scientific Courses	Construction and Tech. Structures and Exact Sciences	Construction Techniques of the 20th Century						Instruments and Methods of Analysis					
		Advanced Construction Systems and Materials						Construction Details 2					
		Leadership in Architecture						Sustainable Design Lab					
		Sustainable Strategies						Building Integrated Sustainability					
		New and Existing Structures						Structures and Architecture					
		Integrated Digital Tools											

MSc1-2

Design	Design Studio	Semester I						Semester II					
		Lecturers	Credits	Hours	Reg	Lang.	Lecturers	Credits	Hours	Reg	Lang.		
Design	Design Studio	Workshop: Protection of the Architectural Heritage						Digital Heritage					
		Methods and Techniques of Architectural Restoration						Lab Corboz					
Historical-Humanistic and Technical-Scientific Courses	History and Theory of Art and Architecture Culture of the Territory	Italian Design 1945-2021						High Culture and Low in the Modern Arts					
		Architecture in Ticino, 1945-2000						Philosophies and Architectures of Memory					
		Forms of Housing						Production Design and World Building					
		History of Contemporary Art						Workshop: Production Design on Stage					
		Workshop: Reality, Truth and Stage Space						Workshop: Filming Architecture					
		Building an Empire						Workshop: Photography as a Negotiation Space					
		Luxicon of Architectural Critique						Renaissance in Lombardy and the Ticinese Region					
		Gothic and its Fortunes						Architecture in Photography					
		Why History?						Architecture of the Russian Empire, 1815-2020					
		Artistic Experiences after '45: USA and Germany						Spatial Development					
		Public Art						Cities in the Alps and Perialpine Cities					
		Architectures of Trauma						Lighting in 20th-Century Architecture					
		Paper Spaces						Thinking With the Hand					
		Living, Dwelling and Building in the Alps						Workshop: WISH					
		Integrated Architectures and Materials						Advanced Digital Representation					
		Construction Techniques of the 20th Century						Workshop: Transversal Territory					
		Advanced Construction Systems and Materials						Theory and Critics of Contemporary Architecture					

MSc2

Design	Design Studio	Semester I						Semester II					
		Lecturers	Credits	Hours	Reg	Lang.	Lecturers	Credits	Hours	Reg	Lang.		
Design	Design Studio	Project: Various Typologies						Diploma: From Brussels with Love. The Production of Culture					
		Theoretical Paper											
Historical-Humanistic Courses	History and Theory of Art and Architecture Culture of the Territory	Methodologies of Art History											
		Modern and Political Architecture: Berlin											
		Modern and Contemporary Aesthetics											
		20th Century Architectural Heritage											
		City and Territory											
		Architects and the Urbanization Process											
		Tectonics of the Landscape											
		Urban Geography											
Technical-Scientific Courses	Construction and Tech. Structures and Exact Sciences	Construction Techniques of the 20th Century											
		Advanced Construction Systems and Materials											
		Leadership in Architecture											
		Sustainable Strategies											
		New and Existing Structures											
		Integrated Digital Tools											