

UNIVERSITY OF MONTENEGRO | FACULTY OF ARCHITECTURE IN PODGORICA  
**FIVE-YEAR SINGLE-CYCLE STUDY PROGRAMME IN ARCHITECTURE 2020/21**

Comparing to the architecture study programs with decades-long traditions, the Faculty of Architecture in Podgorica as recently created educational practice, has the opportunity to develop its curriculum on the platform of modern, more flexible principles of education, freed from conventionality, to be more transformable, modern articulated, more adaptable to the challenges and demands of contemporary civilization. The productivity of the education system is based on continuous development, by achieving the highest level of competitiveness at the international level.

The current curriculum has been transformed into a five-year single-cycle study program, according to the regulations of architectural studies, as the regulated profession, accredited and internationally recognized, and which has been applied since the 2016/17 academic year. The new, integrated master's program tends to integrate scientific and professional competencies, engineering, technology, theory and practice, where the architectural and urban design is in its core. This process is based on creative and research methods. The main goal of this process is to create a professional staff forming productive learning outcomes and highly skilled professionals in the field of architecture and urbanism.

Prof. Svetlana Perović, dean



**Expected general student's competencies:**

To possess and apply knowledge of architectural design and be able to design and present designs buildings of different typologies, scales and complexities, in a variety of contexts, that meet aesthetic and technical requirements, and using a range of appropriate techniques;

To possess and apply adequate knowledge of urban design, planning, methods and skills necessary in the planning process and to be able to participate in the development of spatial planning documentation;

To understand space, the relationship between man and space, facilities and its environment, and the needs of space users;

To possess and apply adequate knowledge of structural systems, construction issues and current technologies, relevant to architectural design;

To know the principles of sustainable development and methods of providing internal comfort and insulation of architectural facilities;

To use adequate knowledge of the history and theory of architecture, related arts and social sciences, in the process of designing, interpretation and critical valorization of architectural and urban designs;

To understand the architectural profession and the role of the architect in socio-economic processes.

5-YEAR SINGLE-CYCLE STUDY PROGRAMME IN ARCHITECTURE 2020/21											
Subject		Number of classes			ECTS	Subject		Number of classes			ECTS
YEAR I		L	E	L		YEAR II		L	E	L	
1.	ARCHITECTURAL STRUCTURES 1	2	1	1	5	1.	ARCHITECTURAL DESIGN 1	2	1	1	5
2.	MATHEMATICS	2	1	0	3		(RESIDENTIAL BUILDINGS)				
3.	HISTORY OF ARCHITECTURE 1 (OLD AGES)	2	0	0	2	2.	HISTORY OF ARCHITECTURE 3 (NEW AGES)	2	0	0	2
4.	ARCHITECTURAL GRAPHICS	1	2	0	4	3.	THEORY OF ARCHITECTURE 1	2	2	0	4
5.	BASIC OF DESIGN 1	3	4	0	9	4.	ARCHITECTURAL DESIGN 1 (COLLECTIVE RESIDENTIAL BUILDINGS)	3	4	0	9
6.	DESCRIPTIVE GEOMETRY	2	2	0	4	5.	STATICS OF STRUCTURES	2	1	1	4
7.	DRAWING	1	2	0	3	6.	BASICS OF URBAN DESIGN 1	2	3	0	6
8.	ARCHITECTURAL STRUCTURES 2 I	2	1	1	5	7.	BUILDING PHYSICS	2	1	1	4
9.	MECHANICS AND STRENGTH OF MATERIALS	2	1	1	4	8.	CONTEMPORARY ARCHITECTURE	2	0	0	2
10.	HISTORY OF ARCHITECTURE 2 (MIDDLE AGES)	2	0	0	2	9.	THEORY OF ARCHITECTURE 2	2	2	0	4
11.	DIGITAL METHODS IN ARCHITECTURE	2	2	0	4	10.	ARCHITECTURAL DESIGN 2 (SCHOOL AND PRESCHOOL BUILDINGS)	3	4	0	9
12.	DESCRIPTIVE GEOMETRY WITH PERSPECTIVE	2	2	0	4	11.	STRUCTURAL SYSTEMS I (MASONRY AND CONCRETE STRUCTURES)	2	1	1	5
13.	BASICS OF DESIGN 2	3	4	0	9	12.	BASICS OF URBAN DESIGN 2	2	3	0	6
14.	BUILDING MATERIALS	1	0	0	2						
YEAR III						YEAR IV					
1.	INSTALLATIONS IN BUILDINGS	3	2	0	6	1.	SPECIAL STRUCTURES	2	1	1	4
2.	THEORY OF ARCHITECTURE 3	2	0	0	2	2.	INTERIOR DESIGN 1	2	3	0	6
3.	URBAN SOCIOLOGY	2	0	0	2	3.	ARCHITECTURAL DESIGN 5 (HEALTH CARE BUILDINGS)	3	4	0	9
4.	ARCHITECTURAL DESIGN 3 (INDUSTRIAL AND COMMERCIAL BUILDINGS)	3	4	0	9	4.	PROTECTION AND REVITALIZATION OF ARCHITECTURAL HERITAGE	2	2	0	5
5.	STRUCTURAL SYSTEMS II (STEEL AND TIMBER STRUCTURES)	2	1	1	4	5.	HISTORY AND THEORY OF URBANISM	2	1	0	4
6.	URBAN DESIGN 1	2	4	0	7	6.	ENGLISH LANGUAGE	2	1	0	2
7.	ECOLOGICAL PRINCIPLES IN ARCHITECTURE	2	3	0	5	7.	ENERGY EFFICIENCY ARCHITECTURE	2	2	0	5
8.	GEODESY	1	0	1	2	8.	LAND POLICY AND LEGISLATION	2	0	0	3
9.	SEISMIC PLANNING AND DESIGN	2	0	0	2	9.	MANAGEMENT AND CONSTRUCTION TECHNOLOGY	2	1	1	4
10.	ARCHITECTURAL DESIGN 4 (TOURISM BUILDINGS)	3	4	0	9	10.	ARCHITECTURAL DESIGN 6 (CULTURAL BUILDINGS AND SPECTACLE BUILDINGS)	3	4	0	9
11.	NEW TECHNOLOGIES AND MATERIALS	2	1	0	3	11.	URBAN PLANNING	3	4	0	9
12.	URBAN DESIGN 2	3	4	0	9						
YEAR V						YEAR V					
Elective module : INTEGRAL ARCHITECTURAL DESIGN						Elective module : INTEGRAL URBAN DESIGN					
1.	INTERIOR DESIGN 2	2	2	0	5	1.	LANDSCAPE ARCHITECTURE	2	2	0	5
2.	PROFESSIONAL PRACTICE (DURING THE SEMESTER)	0	4	0	4	2.	GIS (GEOGRAPHIC INF. SYSTEM)	2	2	0	5
3.	LANDSCAPE ARCHITECTURE	2	2	0	5	3.	URBANISM WORKSHOP	1	3	0	5
4.	INTEGRAL DESIGN (COMP. PROG. BUIL.)	3	4	0	9	4.	INTEGRAL DESIGN (PLANNING AND DESIGN OF COMPLEX PROGRAMS)	3	4	0	9
5.	ARCHITECTURAL WORKSHOP	1	3	0	5	6.	PROFESSIONAL PRACTICE (DURING THE SEMESTER)	0	4	0	4
6.	ELECTIVE COURSE	2	0	0	2	7.	ELECTIVE COURSE	2	0	0	2
7.	GRADUATE THESIS	12	14	0	30	8.	GRADUATE THESIS	10	14	0	30
Elective courses:						Elective courses:					
1.	BASICS OF METHODOLOGY OF SCIENTIFIC RESEARCH	2	0	0	2	1.	BASICS OF METHODOLOGY OF SCIENTIFIC RESEARC	2	0	0	2
2.	PROJECT MANAGEMENT IN ARCH.	2	0	0	2	2.	URBAN MORPHOLOGY	2	0	0	2
3.	BASICS OF THERMAL SCIENCE AND METHOD. OF CALC. OF EE BUILDINGS	2	0	0	2	3.	URBAN ECONOMY	2	0	0	2
4.	DETAIL IN ARCHITECTURE	2	0	0	2						