

Studio syllabi

1. Data on the study programme

1.1 Institution	Technical University of Cluj-Napoca
1.2 Faculty	of Architecture and Urban Planning
1.3 Department	Urban planning and technical sciences
1.4 Domain	Architecture
1.5 University level	Licence and master's degree
1.6 Study programme/Qualification	Architecture
1.7 Form of studies	IF – on-site full-time studies
1.8 Course / studio code	64.00

2. Data on the course

2.1 Name of the course	PROFESSIONAL PRACTICE 4TH YEAR				
2.2 Course/ Studio Head	-				
2.3 Head of seminary/ laboratory/ studio	Associate professor Octav Silviu Olănescu, Arch. PhD				
2.4 Study year	4	2.5 Semester	2	2.6 Type of evaluation	Colloquy
2.7 Course /studio regime	Formative category: fundamental (DF)/ linked to the domain (DD)/ specific (DS)/ complementary (DC)				DS
	Compulsory (DI)/ Optional/ (DOP)/ Voluntary (DFac)				DI

3. Total estimated time

3.1 Number of hours/week	30	out of which:	3.2 Course	0	3.3 Seminary	0	3.3 Laboratory	0	3.3 Project	0
3.4 Number of hours/semester	60	out of which:	3.5 Course	0	3.6 Seminary	0	3.6 Laboratory	0	3.6 Project	0
3.7 Distribution of time (hours)/ semester for:										
(a) Individual study supported by course textbook, course text, bibliography, and notes										0
(b) Supplementary study in the library, online, and on site										15
(c) Preparation for seminars/ laboratories/ assignments, reports, portfolios, and essays										0
(d) Tutoring										0
(e) Examination										0
(f) Other activities										0
3.8 Total hours of individual study (sum (3.7(a)...3.7(f)))					15					
3.9 Total semestrial hours (3.4+3.8)					75					
3.10 Number of credits					3					

4. Preconditions (where applicable)

4.1 curriculum preconditions	-
4.2 competence preconditions	The competences acquired by completing the courses and projects of the 1, 2, 3 and 4 study years can constitute a fundamental basis for carrying out the practice.

5. Conditions (where applicable)

5.1. for the course	-
5.2. for the PROJECT	-

6. Specific competencies

	<ul style="list-style-type: none"> • Ability to engage imagination, think creatively, innovate and provide design leadership. • Ability to gather information, define problems, apply analyses and critical judgement, and formulate strategies for action. • Ability to think three-dimensionally in the exploration of design. • Ability to reconcile divergent factors, integrate knowledge and apply skills in the creation of a design solution. <p>Ability to act with knowledge of natural systems and built environments.</p> <ul style="list-style-type: none"> • Understanding of conservation and waste management issues. • Understanding of the life cycle of materials, issues of ecological sustainability, environmental impact, design for reduced use of energy, as well as passive systems and their management. • Understanding of design procedures and processes. • Knowledge of design precedents and architectural criticism. • Ability to work effectively across scales • Ability to work in collaboration with other architects and members of interdisciplinary teams. • Ability to act and to communicate ideas through collaboration, speaking, numeracy, writing, drawing, modelling and evaluation. • Ability to utilise manual, electronic, digital, graphic and model making capabilities to explore, develop, define and communicate a design proposal.
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7. Objectives of the discipline

7.1 General objective of the discipline	<ul style="list-style-type: none"> • Ability to create architectural designs that satisfy both aesthetic and technical requirements.
7.2 Specific objectives	<ul style="list-style-type: none"> • Adequate knowledge of urban design, planning and the skills involved in the planning process. • Understanding of the relationship between people and buildings, and between buildings and their environment, and of the need to relate buildings and the spaces between them to human needs and scale. • Adequate knowledge of physical problems and technologies and of the function of buildings so as to provide them with internal conditions of comfort and protection against the climate. • Ability to demonstrate a creative competence in building techniques, founded on a comprehensive understanding of the disciplines and construction methods related to architecture.

8. Content/Syllabi

8.1 Course	No. of hours	Teaching methods	Notes
8.2 Seminary / laboratory / project	No. of hours	Teaching methods	Notes
Professional practice	60	Workshops, working groups, conferences, projects, events, internal competitions, surveys, concepts	-

		support of the projects	
	Bibliography		

9. Harmonizing the content of the discipline with the expectations of the epistemic community, the professional associations, and representative employers

Practice offers students the opportunity to apply and develop their knowledge base and skills through projects, programs, workshops, events, publications so that they can interact in professional life at any level.

10. Assessment

Type of activity	10.1 Evaluation criteria	10.2 Assessment method	10.3 Calculation of final grade
10.4 Course	-	-	-
10.5 Seminary/Laboratory	Assessment practice book according to the practice theme	Assessment practice book according to the practice theme	-
10.6 Minimal standard for passing			
• a grade of minimum 5			

Date :	Head of course	Title, Name, Surname	Signature
14.07.2023	Course		
	Seminary/Lab	Associate professor Octav Silviu Olănescu, Arch. PhD	

Date of validation by the Department Council: _____	Chief of Department Associate professor Vlad Sebastian Rusu, Arch. PhD
Data of approval in the Faculty Council: _____	Dean Associate professor Dragoș Șerban Ion Țigănaș, Arch. PhD