

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
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	71.00

2. Data on the course

2.1 Name of the course	SPECIALIZED DESIGN – URBAN DESIGN 3				
2.2 Course/ Studio Head	Associate professor Vlad Sebastian Rusu, Arch. PhD				
2.3 Head of seminary/ laboratory/ studio	-				
2.4 Study year	V	2.5 Semester	1	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	3	out of which:	3.2 Course	0	3.3 Seminary	0	3.3 Laboratory	0	3.3 Project	3
3.4 Number of hours/semester	42	out of which:	3.5 Course	0	3.6 Seminary	0	3.6 Laboratory	0	3.6 Project	42
3.7 Distribution of time (hours)/ semester for:										
(a) Individual study supported by course textbook, course text, bibliography, and notes										8
(b) Supplementary study in the library, online, and on site										20
(c) Preparation for seminars/ laboratories/ assignments, reports, portfolios, and essays										20
(d) Tutoring										-
(e) Examination										10
(f) Other activities										-
3.8 Total hours of individual study (sum (3.7(a)...3.7(f)))					58					
3.9 Total semestrial hours (3.4+3.8)					100					
3.10 Number of credits					4					

4. Preconditions (where applicable)

4.1 curriculum preconditions	-
4.2 competence preconditions	<ul style="list-style-type: none"> • Knowledge of environmental elements and the evolution of the contemporary city. • To understand the specific aspects of the development of the contemporary city. • To know and use the standardized system of graphic representation in urban planning.

5. Conditions (where applicable)

5.1. for the course	-
5.2. for the studio	The activity takes place physically in the fifth-year studio. The presence of students is mandatory, according to the current ECTS Regulation. The project will be developed in groups by two students. The Microsoft Teams online platform is used for communication related to the workshop activity.

6. Specific competencies

	<ul style="list-style-type: none"> • Ability to act with knowledge of historical and cultural precedents in local and world architecture. • Understanding of heritage issues in the built environment. • Technical knowledge of structure, materials, and construction. • Awareness of the impact of geotechnical conditions on construction • Understanding of the impact of climate on urban and architectural design and construction. • Ability to act with innovative technical competence in the use of building techniques and the understanding of their evolution. • Understanding of the processes of technical design and the integration of structure, construction technologies and services systems into a functionally effective whole. • Understanding of services systems as well as systems of transportation, communication, maintenance, and safety. • Awareness of the role of technical documentation and specifications in design realisation, and of the processes of construction, cost, planning and control.
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7. Objectives of the discipline

7.1 General objective of the discipline	<ul style="list-style-type: none"> • Specialized urban design is a mandatory exercise for understanding the interdependence between buildings - architectural objects and the surrounding space, the urban context (buildings, landscape, society) and for detecting the social and cultural impact of the created ensemble.
7.2 Specific objectives	<p>Project in 3 phases: Designing a representative urban space in the city:</p> <ul style="list-style-type: none"> • Phase 1 - Analysis of the existing situation and presentation of two solutions. Sc.1:2000 • Phase 2 – Variants of urban planning solutions. • Phase 3 – The final project. Urban regulation.

8. Content/Syllabi

8.1 Course	No. of hours	Teaching methods	Notes
-			
8.2 Seminary / laboratory / project	No. of hours	Teaching methods	Notes
First semester	42	Exposure, applications, individual corrections, collective corrections, evaluation with public support of the projects.	-
Bibliography: Kevin Lynch, <i>Image of the city</i> , Ed. RUR, Bucharest 2012			

Other titles:	Machedon Florin, <i>Methods of morphological analysis of urban tissues</i> , University Ed. "Ion Mincu" Bucharest, 2006
	Choay Francoise, <i>For an anthropology of space</i> , Urbanism Magazine, Bucharest, 2011
	The collection of specialized magazines from the FAU and UTCN library
	<i>Guide regarding the elaboration methodology and framework content of the zonal urban plan</i> , MLPAT, Bucharest, 2000
	<i>Urban planning legislation</i> , Matrix Rom, Bucharest 2005

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

The skills acquired are necessary for the employees to acquire the professional practice necessary to exercise the profession of architect. These skills are equally necessary to understand the specifics of the architect's profession in the context of collaboration with specialists from fields related to architecture - urban planning, administration, economy, geography, sociology, demography, anthropology, topography, ecology, environmental protection, civil engineering, roads and bridges engineering, urban planning - for the establishment of common attitudes within the study, research and design activities of architecture and urban planning, urban planning services, territorial planning and urban management, in order to ensure sustainable development.

10. Assessment

Type of activity	10.1 Evaluation criteria	10.2 Assessment method	10.3 Calculation of final grade
	-	-	-
10.5 Seminary/Laboratory	<p>According to the design theme, the following criteria will be considered in evaluating the solutions:</p> <ul style="list-style-type: none"> - the establishment of a truly urban space, by reconsidering the traditional values of the European city: the street space, the mixing of functions, the complexity of the plot; - the proportioning and configuration of a public space in accordance with the intrinsic character of the place, as well as in order to confer a striking individuality of the performance hall; - creating an engaging atmosphere specific to a community pole; - capitalizing on the natural environment; - improving car and pedestrian traffic in the area; - establishing natural links with the neighborhoods by ensuring spatial and 	<p>During the semester, there will be discussion that evaluate without marking important stages of the project:</p> <p>Discussion 1 Analysis of the existing situation</p> <p>Discussion 2 Variants of urban planning solutions.</p> <p>Final discussion - with grading - Evaluation of the project.</p>	100%

	functional coherence, articulation and continuity of spaces and architectures; - restoring the urban fabric; - ensuring the accessibility of all categories of users; - proposing parking spaces in accordance with the expected number of users, without affecting the pedestrian public space.		
10.6 Minimal standard for passing			
<ul style="list-style-type: none"> • a grade of minimum 5 			

Date :	Head of course	Title, Name, Surname	Signature
14.07.2023	Course	Associate professor Vlad Sebastian Rusu, Arch. PhD	
	Seminary/Lab	-	-

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 Dragoş Şerban Ion Ţigănaş, Arch. PhD