

Course 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	58.20

2. Data on the course

2.1 Name of the course	URBAN STRUCTURES		
2.2 Course/ Studio Head	Associate professor Vlad Sebastian Rusu, Arch. PhD		
2.3 Head of seminary/ laboratory/ studio	-		
2.4 Study year	IV	2.5 Semester	2
		2.6 Type of evaluation	Exam
2.7 Course /studio regime	Formative category: fundamental (DF)/ linked to the domain (DD)/ specific (DS)/ complementary (DC)		DF
	Compulsory (DI)/ Optional/ (DOP)/ Voluntary (DFac)		DI

3. Total estimated time

3.1 Number of hours/week	2	out of which:	3.2 Course	2	3.3 Seminary	0	3.3 Laboratory	0	3.3 Project	0
3.4 Number of hours/semester	28	out of which:	3.5 Course	28	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										6
(b) Supplementary study in the library, online, and on site										10
(c) Preparation for seminars/ laboratories/ assignments, reports, portfolios, and essays										5
(d) Tutoring										0
(e) Examination										1
(f) Other activities										-
3.8 Total hours of individual study (sum (3.7(a)...3.7(f)))					22					
3.9 Total semestrial hours (3.4+3.8)					50					
3.10 Number of credits					2					

4. Preconditions (where applicable)

4.1 curriculum preconditions	-
4.2 competence preconditions	Competences and knowledge acquired in fundamental courses such as: <i>Urban Morphology and Environmental Aspects in Urban Planning</i> may constitute a basis for a good understanding of notions and information discussed in the present course.

5. Conditions (where applicable)

5.1. for the course	On site, in the allocated classroom (according to the faculty schedule). Attendance is a condition for examination. See also „10. Assessment method”.
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5.2. for the seminary	-
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6. Specific competencies

	<ul style="list-style-type: none"> • Ability to act with knowledge of historical and cultural precedents in local and world architecture. • Ability to act with knowledge of the fine arts as an influence on the quality of architectural design. • Understanding of heritage issues in the built environment. • Awareness of the links between architecture and other creative disciplines. • Understanding the implications of the UN Sustainable Development Goals for architecture education. <p>Ability to act with knowledge of society, and to work with clients and users that represent society's needs</p> <ul style="list-style-type: none"> • Ability to develop a project brief through definition of the needs of society users and clients, and to research and define contextual and functional requirements for different types of built environments. • Understanding of the social context in which built environments are procured, of ergonomic and space requirements and issues of equity and access. • Awareness of the relevant codes, regulations and standards for planning, design, construction, health, safety and use of built environments. • Awareness of philosophy, politics, and ethics as these are related to architecture.
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7. Objectives of the discipline

7.1 General objective of the discipline	<ul style="list-style-type: none"> • Identifying and understanding the challenges of the profession of architect-urban planner in the framework of the issues regarding the dynamics of urban form and structure. Awareness of the importance of the multidisciplinary approach to the field of urban planning and the informed treatment of urban restructuring projects in the student's didactic activities and in the future professional activity.
7.2 Specific objectives	<ul style="list-style-type: none"> • Knowledge of general notions related to urban structure, urban functionality, urban zoning, urban morphology and syntax, urban integration, urban development limits, structural organization models and urban restructuring.

8. Content/Syllabi

8.1 Course	No. of hours	Teaching methods	Notes
C1 - Introduction to the subject of the course.	2	Lectures supported by projections, Discussions on the reader of the course and presentations.	Students are encouraged to engage in talks throughout the course and to present the stage of their
C2 - The urban territory, the urbanization process, their conditions and manifestations.	2		
C3 - The system of urban activities within the city.	2		
C4 - Urban morphology, morphological methods of analysis, application of analysis methods to the spatial organism.	2		
C5 - Case study - application of a method of analysis to the urban space.	2		

C6 - Urban structure - definitions, urban spatial structure - urban functional structure.	2		individual study.
C7 - Urban texture Urban structure limits. Configurations of structural organization.	2		
C8 - 9 - Case studies on urban structure and approaches.	4		
C10 - Phenomenon and urban form - definitions, Dynamics of urban form.	2		
C11 - Urban spatial differentiation - homogeneous space, heterogeneous space, selection in urban space. Case studies.	2		
C12 - Particular value of the urban form - character and specificity. Case study.	2		
C13 - 14 - Urban restructuring - Case studies.	4		
NOTE: the permanent actualization of the course matter might lead to minor changes in its structure			
<p>Bibliography :</p> <ul style="list-style-type: none"> - Spiro Kostof - <i>The City Shaped: Urban Patterns and Meanings Trough History</i>, Ed. Paperback, London, 2007. - Kevin Lynch, <i>The Image of the City</i>, Ed. R.U.R, 2012 <p>Other titles:</p> <ul style="list-style-type: none"> - Florin Machedon - <i>Method of Morphological Analysis of Urban Tissues</i>, Ed. U.A.U.I.M., Bucharest - 2006. - Angelica Stan, Cătălina Ioniță - <i>Urban Morphology</i>, Ed. U.A.U.I.M., Bucharest - 2014. - Ștefan Ghenciulescu - <i>The Transparent City: Limits and Housing</i>, Ed. U.A.U.I.M., Bucharest - 2008. <p>A selection of texts can be found in the annex of the course, on the course TEAMS channel.</p>			
8.2 Seminary / laboratory / project	No. of hours	Teaching methods	Notes
-	-	-	-
Bibliography			

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

Students obtain the necessary knowledge to exercise the profession of urban architect, within multidisciplinary collectives for territorial planning and urban restructuring projects.

10. Assessment

Type pf activity	10.1 Evaluation criteria	10.2 Assessment method	10.3 Calculation of final grade
10.4 Course	- Checking the knowledge gained through synthesis topics.	- Exam	100%
	According to the ECTS/UTCN Regulations, art. 6.4, the Faculty Council has decided that attending courses is compulsory in a percentage of at least 50%. The situation of attendance will be updated weekly on the Teams channel dedicated to the course. Students who have not attended 50% of the courses will not be able to participate in the final exam and will need to recontract the course.		

10.5 Seminary/Laboratory	-	-	-
10.6 Minimal standard for passing			
• 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