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 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	**28.00**

2. Data on the course

2.1 Name of the course	**RESIDENTIAL PLANNING**				
2.2 Course/ Studio Head	Associate professor Octav Silviu Olănescu, Arch. PhD				
2.3 Head of seminary/ laboratory/ studio	Associate professor Octav Silviu Olănescu, Arch. PhD				
2.4 Study year	**2**	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	**3**	out of which:	3.2 Course	**2**	3.3 Seminary	1	3.3 Laboratory	0	3.3 Project	0
3.4 Number of hours/semester	42	out of which:	3.5 Course	28	3.6 Seminary	14	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										15
(b) Supplementary study in the library, online, and on site										15
(c) Preparation for seminaries/ laboratories/ assignments, reports, portfolios, and essays										-
(d) Tutoring										3
(e) Examination										1
(f) Other activities										-

3.8 Total hours of individual study (sum (3.7(a)…3.7(f)))	**33**
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	Competences and knowledge acquired by completing the fundamental courses of: Environmental elements, Evolution of the contemporary city can constitute a basis for a good understanding of the concepts discussed in the Urban Residential course.

5. Conditions (where applicable)

5.1. for the course	In accordance with the ECTS/UTCN Regulation, art. 6.4, the FAU Council decides that the attendance of students at

	courses in the academic year 2023-2024 is mandatory in proportion to 50%.
5.2. for the seminary	-

6. Specific competencies

	• Ability to gather information, define problems, apply analyses and critical judgement, and formulate strategies for action. • Ability to act with knowledge of historical and cultural precedents in local and world architecture • Understanding of heritage issues in the built environment. • Awareness of the links between architecture and other creative disciplines. • Awareness of the relevant codes, regulations and standards for planning, design, construction, health, safety and use of built environments. • Ability to act with knowledge of natural systems and built environments. • Awareness of the history and practice of landscape architecture, urban design, as well as territorial and national planning and their relationship to local and global demography and resources. • Awareness of the management of natural systems taking into account natural disaster risks.

7. Objectives of the discipline

7.1 General objective of the discipline	• Understanding of the profession of architecture and the role of the architect in society, in particular in preparing briefs that take account of social factors
7.2 Specific objectives	• 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.

8. Content/Syllabi

8.1 Course	No. of hours	Teaching methods	Notes
C1 Introduction. The current social-economic context. The problem of contemporary urban residential	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 individual study.
C2 Urban residential in recent history (from the Industrial Revolution to the middle of the 20th century)	2		
C3 Urban residential in the framework of rationalist urbanism	2		
C4 Contemporary attitudes of urban residential - part I	2		
C5 Contemporary attitudes of urban residential - part II	2		
C6 Constituent units of the built environment within the urban residential area (typologies): part I	2		

C7 Constituent units of the built environment within urban residential (typologies): part II	2		
C8 The issue of urban design in urban residential	2		
C9 The problem of sustainability in urban residential	2		
C10 The issue of the community within the urban residential area	2		
C11 9 Principles for an urban residential of the 21st century: part I	2		
C12 9 Principles for an urban residential of the 21st century: part II	2		
C13 Urban residential in Romania for the last 30 years	2		
C14 Conclusions. Good practice studies	2		
NOTE: the permanent actualization of the course matter might lead to minor changes in its structure			

Bibliography :

KAISER, Edward John, et. al., *Urban land use planning* (Chicago: University of Illinois Press, 1995) 497.817

ALEXANDER, Cristopher, et. al., *A Pattern Language* (New York: Oxford University Press, 1977) cotă 530.676

HALL, Peter, *Cities Of Tomorrow* – Third Edition, (Oxford: Blackwell Publishing, 2002) cotă 541.266

Othe titles:

KASPRISIN, Ron, *Urban design: the composition of complexity* (London ; New York : Routledge, 2011) 537.906

GEDDES, Patrick, *Cities in Evolution*, (Londra: Williams & Norgate, 1915)

LEWIS, Sally, *Front to Back – a design agenda for urban housing* (Architectural Press - Elsevier, 2005)

PĂNESCU, Eugeniu, (coordonator proiect), *Cluj-Napoca în Proiecte, 50 de Ani 1960-2010* (Cluj-Napoca, Ed. Imprimeria Ardealul, 2011)

TOWERS, Graham, *An Introduction to Urban Housing Design – At Home in the City* (Architectural Press – Elsevier, 2005)

8.2 Seminary / laboratory / project	No. of hours	Teaching methods	Notes
Seminary	14	Common discussions of theoretical aspects, examples and individual studies. Applications	-

Bibliography

NEUFERT, Ernst, *Architects' data* (Oxford: Blackwell Science, 2000) 505.442

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

The study of urban residential is an important element in the training of future architects, dealing with general and particular aspects of one of the most frequent functions in urban design and planning. The way in which living as a function of the architectural object is composed and articulated with the built environment of the city, constitutes real challenges to which future specialists must respond in the current context characterized by the fusion of the three essential components of sustainable development: the economic component, the social and not least the ecological one.

10. Assessment

Type pf activity	10.1 Evaluation criteria	10.2 Assessment method	10.3 Calculation of final grade
10.4 Course	-	-	**1 point by default**
	Knowledge of the terminology used in Urban Planning	Written exam	**3 points**
	The ability to use notions regarding Urban Residential	Written exam	**3 points**
	Understanding and ability to analyze case studies	Written exam	**3 points**
	Calculus of the final grade: as a sum of the points obtained through the evaluation methods described above.		
	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	3 application-type topics completed during the seminar hours	Assessment of homework	-
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 Octav Silviu Olănescu, Arch. PhD	
	Seminary/Lab	Associate professor Octav Silviu Olănescu, Arch. PhD	-

Date of validation by the Department Council:

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Chief of Department
Associate professor Vlad Sebastian Rusu, Arch. PhD

Data of approval in the Faculty Council:

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Dean
Associate professor Dragoș Șerban Ion Țigănaș, Arch. PhD