

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	Architecture
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	49.00

2. Data on the course

2.1 Name of the course	ARCHITECTURAL DESIGN STUDIO 5				
2.2 Course/ Studio Head	Associate Professor PhD Arch Paul MUTICĂ				
2.3 Head of seminary/ laboratory/ studio	-				
2.4 Study year	III	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	11	out of which:	3.2 Course	0	3.3 Seminary	0	3.3 Laboratory	0	3.3 Project	11
3.4 Number of hours/semester	154	out of which:	3.5 Course	0	3.6 Seminary	0	3.6 Laboratory	0	3.6 Project	154
3.7 Distribution of time (hours)/ semester for:										
(a) Individual study supported by course textbook, course text, bibliography, and notes										26
(b) Supplementary study in the library, online, and on site										26
(c) Preparation for seminars/ laboratories/ assignments, reports, portfolios, and essays										105
(d) Tutoring										-
(e) Examination										14
(f) Other activities										-
3.8 Total hours of individual study (sum (3.7(a)...3.7(f)))					171					
3.9 Total semestrial hours (3.4+3.8)					325					
3.10 Number of credits					13					

4. Preconditions (where applicable)

4.1 curriculum preconditions	Passing Architectural Design Studio 1 and 2 in advance
4.2 competence preconditions	Reaching a capacity that ensures the development of architectural projects with medium complexity and depth.

5. Conditions (where applicable)

5.1. for the course	-
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5.2. for the studio	The activity takes place physically in the 3rd year studio. The presence of students is mandatory, according to the current ECTS Regulation with maximum 4 unmotivated absences and another 4 medically justified. MS Teams platform is used for communication related to workshop activity.
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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 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. • Ability to act with innovative technical competence in the use of building techniques and the understanding of their evolution. • Understanding of heritage issues in the built environment. • Technical knowledge of structure, materials, and construction. • Understanding of the impact of climate on urban and architectural design and construction. • 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"> • The ability to elaborate complex architectural designs that satisfy both aesthetic and technical requirements
7.2 Specific objectives	<ul style="list-style-type: none"> • enunciation of a project concept • relating the architectural object to urban context, respect for architectural and urban heritage, understanding the values of the existing urban fabric; the use of urban form analysis criteria, the collection of context data • architectural creativity under conditions of constraint in a built context • spatial transposition of the functional program, relating functionality to spatiality • graphic communication skills

8. Content/Syllabi

8.1 Course	No. of hours	Teaching methods	Notes
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8.2 Seminary / laboratory / project	No. of hours	Teaching methods	
project development for a collective housing complex (including a percentage of social housing)	154	Exposure, applications, individual corrections, collective corrections, evaluation with public support of the projects.	

Bibliography :

- Avermaete, Tom, Havik, Klaske, Teerds, Hans: *Architectural Positions. Architecture, Modernity and the Public Sphere*, SUN Publishers, Amsterdam, 2009.
- Neufert, Ernst, *Manualul arhitectului - elemente de proiectare si de constructie*, Alutus S.A., Miercurea Ciuc, 2004
- Vais, Dana, *Locuire*, UT Press, 1999
- Vais, Gheorghe: *Programe de arhitectura*, UT Press, 2008
- Architecture magazines existing in the Faculty Library: *El Croquis, The Architectural Review, Detail* etc
- Internet sources: *Archdaily.com, Architizer.com, Divisare.com*, etc


A selection of texts can be found in the Studio MS TEAMS channel.

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

Students acquire the necessary skills and knowledge in the responsible exercise of the profession of architect, become familiar with the collective work process, practice the verbal and graphic expression of their own concepts and attitudes.

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	<ul style="list-style-type: none"> • integration into the urban context • the aesthetic quality of the architectural insert • the functionality and sustainability of the proposal • the structural logic of the proposal • the level of conceptual innovation • technical correctness and expressiveness of the drawings • workshop activity within the group 	<ul style="list-style-type: none"> • the project is evaluated by public oral presentation by the students in front of the entire teaching team 	100%
<p>According to the ECTS/UTCN Regulations, the students will have to attend all studio activity with the exception of 4 unmotivated absences and 4 more if medically justified. The situation of attendance will be updated weekly on the Teams channel dedicated to the studio. Students who have not attended as described above will not be able to participate in the final exam and will need to recontract the studio.</p>			
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
12.12.2023	Course	Assoc. prof. PhD Arch. Paul MUTICĂ	
	Seminary/Lab	-	-

Date of validation by the Department Council: _____	Chief of Department Prof. PhD. arch. Virgil POP
Data of approval in the Faculty Council: _____	Dean Associate professor Dragoș Șerban Ion Țigănaș, Arch. PhD