Course/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	33

2. Data on the course

2.1 Name of the course	ARCHITECTURE DESIGN STUDIO 3					
2.2 Course/ Studio Head	Lecturer. PhD. arch. Moldovan Paul-Mihai					
2.3 Head of seminary/ laboratory/ studio	Lecturer. PhD. arch. Moldovan Paul-Mihai					
2.4 Study year	2	2.5 Semester	1	2.6 Type of evaluation		Project
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										22
(b) Supplementary study in the library, online, and on site										33
(c) Preparation for seminaries/ laboratories/ assignments, reports, portfolios, and essays										105
(d) Tutoring										0
(e) Examination										11
(f) Other activities										0

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	-
4.2 competence preconditions	Competences and knowledge acquired in fundamental courses such as: *Architecture Design Studio 3*, *Computer-aided design, Building elements, The geometry of architectural forms, Fundamentals of Design 1* may constitute a basis for a good understanding of notions.

5. Conditions (where applicable)

5.1. for the course	-
5.2. for the seminary	The activity in this discipline is continuous and based on a project development methodology that involves several phases/stages. Attendance at all scheduled classes is mandatory, according to the current ECTS Regulation. For the stages of bibliographic research and fieldwork, students will conduct research in the library and participate in study visits to project-related locations. Design activities in the studio are either individual or in teams, depending on the theme, and involve creating sketches, graphic schemes, concept drawings, and technical drawings made during studio sessions and individual study time. The project's progress will be periodically presented and argued throughout its evolution, with students receiving critical feedback, suggestions and recommendations for successive iterations, as part of the working method.

6. Specific competencies

Professional competencies	Throughout the discipline, students acquire knowledge, skills and competencies in the following groups, according to HG 469/2015: *a) the ability to design architectural projects that meet both aesthetic and technical requirements;* *b) adequate knowledge of the history and theories of architecture, as well as related arts, technologies and human sciences;* *c) knowledge of fine arts as factors that can influence the quality of architectural design;* *d) adequate knowledge of urban planning, planning processes and techniques applied in the planning process;* *e) the ability to understand the relationships between people and architectural creations, on the one hand, and architectural creations and their environment, on the other hand, as well as the ability to understand the need to harmonize architectural creations and spaces according to human needs and scale;* *f) understanding of the architect's profession and its role in society, especially through the development of projects considering social factors;* *g) understanding research methods and project preparation for construction;* *h) knowledge of structural design and construction issues and engineering associated with building design;* *i) adequate knowledge of physical problems and technologies, as well as the function of constructions, in order to equip them with all elements of interior comfort and climatic protection, within sustainable development;* *j) technical ability to design constructions that meet user requirements while respecting budget limits and construction regulations;* *k) appropriate knowledge of industries, organizations, regulations, and procedures involved in the process of realizing projects in buildings and integrating plans into overall planning.*
Transversal competencies	1. Creative integration of construction elements knowledge into the project. 2. Creative integration of representation skills through various specific means into the project. 3. Application of basic theory knowledge in practical project development processes. 4. Use of references to human behaviour, anthropology and society in the design process. 5. Use of references to geographic and built environment in the design process. 6. Transfer of practical knowledge from related fields of visual arts, applied arts, crafts and communication into the project.

7. Objectives of the discipline (based on the grid of specific competences acquired)

7.1 General objective of the discipline	Transforming a set of conditions from a theme into a spatial solution through the design process; it involves project thinking and research through the project.
7.2 Specific objectives	Simulating real project conditions, communicating through the project in phases, and encouraging decision-making through critical analysis.

8. Content/Syllabi

8.1 Course	No. of hours	Teaching methods	Notes
-			

8.2 Seminary / laboratory / **project**	No. of hours	Teaching methods	Notes
-	-	-	-
Second semester project	140	Encouraging multi-criteria analysis of real contexts and drawing inspiration from relevant references. Providing critical feedback with examples. Guided exploration.	The methods will be adapted to the scenario imposed by the design theme.
of which:			
Presentation of design studio objectives and working methods	5		
The presentation of the theme	5		
Analysis of the theme and field/library research	15		
Proposal of a project concept for the given context	15		
Argumented analysis and validation of conceptual proposals	10		
Development of projects through combined methods + validation	30		
Designing outdoor environments and, optionally, interiors + validation	30		
Graphic communication of the project + layouting	15		
Project evaluation, comparative analysis and feedback	15		

Bibliography
(titles in the TUCN library)

Neufert, Ernst, *Architects' Data*, Alutus S.A., Miercurea Ciuc, 2004.

Domus, Italy: Periodicals on architecture, interior architecture and design. [www.domusweb.it]
Detail, Germany: Periodicals on architecture and interior architecture. [www.detail-online.com]
El Croquis, Spain: Periodicals on architecture and interior architecture. [www.elcroquis.es]

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

Acquiring technical drawing language skills and developing an effective communication language
Referenced argumentation
Integration of appropriate solutions from case studies and standard details
Interpersonal and interdisciplinary collaboration

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/ **Project**	According to the design theme	Multicriteria analysis Comparative analysis of projects Ongoing evaluation Weighted average evaluation	100%
10.6 Minimal standard for passing			
• a grade of minimum 5			

Date :	**Head of course**	**Title, Name, Surname**	**Signature**
21.07.2023	Course	-	-
	Seminary/Lab	Lecturer. PhD. arch. Moldovan Paul-Mihai	

Date of validation by the Department Council:

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Chief of Department
Prof. PhD. arch. Virgil POP

Data of approval in the Faculty Council:

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Dean
Associate professor. PhD. arch. Dragoș Șerban Ion ȚIGĂNAȘ