

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	7.00

2. Data on the course

2.1 Name of the course	ARCHITECTURE DESIGN STUDIO 1				
2.2 Course/ Studio Head	lecturer PhD arch. Laura Patachi				
2.3 Head of seminary/ laboratory/ studio	assist. prof. PhD arch. Dana Sorina OPINCARIU Dana.Opincariu@arch.utcluj.ro				
	Collective: lecturer PhD arch. Laura Patachi, assist. PhD arch. Alina Elena Voinea, PhD arch. Silviu Borş, PhD arch. Horia Mihai Coman, PhD arch. Marius Păsculescu, arch. PhDc. Adrian Niculaş, arch. PhDc. Verona Musteata				
2.4 Study year	1	2.5 Semester	1	2.6 Type of evaluation	Exam
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	2	3.3 Seminary	1	3.3 Laboratory	0	3.3 Project	9
3.4 Number of hours/semester	154	out of which:	3.5 Course	28	3.6 Seminary	14	3.6 Laboratory	0	3.6 Project	126
3.7 Distribution of time (hours)/ semester for:										
(a) Individual study supported by course textbook, course text, bibliography, and notes										50
(b) Supplementary study in the library, online, and on site										50
(c) Preparation for seminars/ laboratories/ assignments, reports, portfolios, and essays										60
(d) Tutoring										
(e) Examination										11
(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	-
4.2 competence preconditions	-

5. Conditions (where applicable)

5.1. for the course	-
5.2. for the seminary	Attendance is mandatory – a percentage of absences of maximum 20% is allowed. The condition applies to both on-site and on-line activity. The conditions for teaching and for completing the projects, indicated in the themes are mandatory.

6. Specific competencies

Professional competencies	By going through the discipline, students acquire knowledge, skills and competences in the following groups, according to GD 469/2015: <i>a) the ability to design architectural projects that meet both aesthetic and technical requirements;</i> <i>adequate knowledge of the history and theories of architecture and related arts, technologies and humanities;</i> <i>c) knowledge of fine arts as factors that can influence the quality of project design;</i> <i>Architectural;</i> <i>(e) the ability to understand the relationship between people and architectural creations, on the one hand, and architectural creations and their environment, on the other, and the ability to understand the need to harmonize architectural creations and spaces according to human needs and scale;</i> <i>(h) knowledge of structural design and construction and engineering problems associated with building design;</i>
Transversal competencies	<ol style="list-style-type: none"> 1. Initiation in the search and deciphering of the qualities of architectural spaces; 2. Initiation in architectural design by understanding and practicing the relationships between natural environment – man – built environment; 3. Development of the specific language of representation in architectural drawing; 4. Development of graphic expression skills; 5. Understanding architectural design as an evolutionary process – in specific stages – that ends with a solution.

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

7.1 General objective of the discipline	<ul style="list-style-type: none"> • Initiating students in architectural language
7.2 Specific objectives	<ol style="list-style-type: none"> 1. understanding the configurations and qualities of architectural spaces through drawing – sketching / documenting through drawing 2. practicing compositions, the spatial-volumetric concept in architecture, by drawing / by model 3. discovering the interaction between the object of architecture and a natural context 4. development of creativity in the architectural design process 5. practicing the graphic language of representation in writing drawn pieces / practicing the <i>poster presentation</i> 6. Learning team communication 7. Using tools of aesthetic expression in architectural representation.

8. Content/Syllabi

8.1 Course	No. of hours	Teaching methods	Notes
8.1 Course – Introduction to architectural design	2	Teaching methods: presentation with pictures, examples, and explanatory sketches on the board	Remarks: The course will take place before the design classes and will use notions related to the specifics of the project
8.2 Course –Landscape architecture –Basics	2		
8.3. Course – Site and organization of spaces	2		
8.4 Designing environments – built environment – natural environment relationship	2		
8.5 Analysis of iconic buildings – analysis criteria and methods of analysis of built space	2		
8.6 Documentation – documentation methods in architectural design	2		
8.7 Drawing specific to the architectural project - from sketch to final project	2		
8.8 Visual ways of transmitting the architectural concept (collage, photography, layout, drawings, film, text, etc.)	2		
8.9 Organization of architectural spaces according to the purpose of the building and other characteristic parameters	2		
8.10 Architectural composition and functionality of spaces	2		
8.11 Architectural expressiveness – form, light and color	2		
8.12 Holistic, complex and sustainable thinking in the design process optimizing a project (visual, functional, materiality and economic aspects)	2		
8.13 Expressive representation of a project (technical project vs presentation project)	2		
8.14 Review of basics.	2		
NOTE: the permanent actualization of the course matter might lead to minor changes in its structure			

Bibliography :

Minimal bibliography - titles in the UTCN Library:

- Ching, Francis D. K. *Architecture : Form, Space and Order*, ed. a 3-a. Hoboken, NJ: John Wiley & Sons, 2007 [cota Observator 1: 528.179, 1 exemplar] ;
- Ching, Francis D.K. *Architectural graphics*, ed. a 5-a Hoboken, NJ : John Wiley and Sons, 2009 [cota Observator 1: 541.418, 1 exemplar] ;
- Jodidio, Philip. *Serpentine Gallery Pavilions*. Köln: Taschen, 2011 [cota Observator 1: 537.905 , 1 exemplar] ;
- McLeod, Virginia. *Detail in contemporary landscape architecture*. London : Laurence King Publishing, 2008 [cota Observator 1: 536.436, 1 exemplar] ;
- Zumthor, Peter. *Atmospheres : architectural environments ; surrounding objects*. Basel : Birkhäuser, 2006 [cota Observator 1: 530.673, 1 exemplar] ;
- reviste de specialitate din cadrul Bibliotecii Observator: El Croquis, L'Architecture d'Aujourd'hui, Detail etc.

On-line sources :

- Archdaily, <https://www.archdaily.com/>
- Dezeen, <https://www.dezeen.com/>
- La Biennale di Venezia, <https://www.labiennale.org/en>

8.2 Seminary / laboratory / project	No. of hours	Teaching methods	Notes
<p>Project 1 – Photocollage - Exploring the indoor/outdoor universe through photography</p> <p>Project 2- 3D object - Exploring the composition of volumes, textures of colors through the layout</p> <p>Project 3- Representation – Exploring ways of visual communication</p> <p>Project 4 – Recreational space for students – Exploring the relationship between part and whole in an exterior design project</p>	9 hours/ week	<p>ON SITE-According to the schedule in workshops, CFDP building, 3rd floor.</p> <p>ON-LINE- According to the schedule on TEAMS.</p> <p>The activity for both on-site and on-line scenarios will include:</p> <p>a)Workshop work activities</p> <p>b)Individual proofreading activities. Corrections to the Project are made only within the hours related to the respective project, according to the Theme.</p> <p>c) General correction activities by groups.</p> <p>d) Comments and information activities with the entire year of study.</p>	1 tutor/semi-group.
<p>Bibliography :</p> <p>Minimal bibliography - titles in the UTCN Library:</p> <ul style="list-style-type: none"> •Ching, Francis D. K. <i>Architecture : Form, Space and Order</i>, ed. a 3-a. Hoboken, NJ: John Wiley & Sons, 2007 [cota Observator 1: 528.179, 1 exemplar] ; •Ching, Francis D.K. <i>Architectural graphics</i>, ed. a 5-a Hoboken, NJ : John Wiley and Sons, 2009 [cota Observator 1: 541.418, 1 exemplar] ; •Jodidio, Philip. <i>Serpentine Gallery Pavilions</i>. Köln: Taschen, 2011 [cota Observator 1: 537.905 , 1 exemplar] ; •McLeod, Virginia. <i>Detail in contemporary landscape architecture</i>. London : Laurence King Publishing, 2008 [cota Observator 1: 536.436, 1 exemplar] ; •Zumthor, Peter. <i>Atmospheres : architectural environments ; surrounding objects</i>. Basel : Birkhäuser, 2006 [cota Observator 1: 530.673, 1 exemplar] ; •reviste de specialitate din cadrul Bibliotecii Observator: El Croquis, L'Architecture d'Aujourd'hui, Detail etc. <p>On-line sources :</p> <ul style="list-style-type: none"> • Archdaily, https://www.archdaily.com/ • Dezeen, https://www.dezeen.com/ • La Biennale di Venezia, https://www.labiennale.org/en 			

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

Initiation into the specifics of architectural language, architectural project, specificity of representation in architectural drawing.

10. Assessment

Type of activity	10.1 Evaluation criteria	10.2 Assessment method	10.3 Calculation of final grade
10.5 Seminary/ Laboratory	<p>When evaluating the project, the following will be taken into account:</p> <ul style="list-style-type: none"> • active participation in the design workshop (on-site and online); • seriousness and rigor in project development; • presentation of the project within the semi-group, according to the data indicated for each theme; • originality and creativity in the answer given to the theme, in the way of interpretation and presentation; • correctness in rendering the elements required by the theme; • accuracy and graphic quality of the drawn pieces. 	<p>Written test on the notions taught in the course</p> <p>Marking of projects by the teaching staff at the end of the semester – each project will receive a grade that will contribute to the final grade, in the percentage established by the theme</p>	According to the design theme
10.6 Minimal standard for passing			
• a grade of minimum 5			

Date :	Head of course	Title, Name, Surname	Signature
14.07.2023	Course	Lecturer PhD arch. Laura Patachi	
	Seminary/Lab	Assist.prof.PhD.arch. Dana OPINCARIU	

Date of validation by the Department Council:	Chief of Department Prof. PhD. arch. Virgil POP

Date of approval in the Faculty Council:	Dean Associate professor. PhD. arch. Dragoş Şerban Ion ȚIGĂNAȘ
