


FISA DISCIPLINEI
1. Date despre program

1.1	Instituția de învățământ superior	Technical University of Cluj-Napoca
1.2	Facultatea	Civil Engineering
1.3	Departamentul	Civil Engineering and Management
1.4	Domeniul de studii	Civil Engineering
1.5	Ciclul de studii	License (Bachelor)
1.6	Programul de studii/Calificarea	Civil Engineering
1.7	Forma de învățământ	IF – full time education
1.8	Codul disciplinei	13.00

2. Date despre disciplina

2.1	Denumirea disciplinei		Elements of architecture								
2.2	Aria tematica (subject area)		Civil Engineering / Architecture / Urban Planning								
2.3	Responsabili de curs		Asist.arch. Ioana Mădălina MOLDOVAN								
2.4	Titularul disciplinei		-								
2.5	Anul de studii	1	2.6	Semestrul	2	2.7	Evaluarea	Colocviu	2.8	Regimul disciplinei	DID/ DOB

3. Timpul total estimat

An/ Sem	Denumirea disciplinei	Nr. sapt.	Curs			Aplicații			Stud. Ind.	TOTAL	Credit
			[ore/săpt.]			[ore/sem.]					
			S	L	P	S	L	P			
II	Elements of architecture	14	2			28			24	52	2

3.1	Număr de ore pe săptămână	2	3.2	din care curs	2	3.3	aplicații	0
3.4	Total ore din planul de inv.	28	3.5	din care curs	28	3.6	aplicații	0
Studiul individual								Ore
Studiul după manual, suport de curs, bibliografie și notițe								19
Documentare suplimentară în bibliotecă, pe platformele electronice și pe teren								-
Pregătire seminarii/laboratoare, teme, referate, portofolii, eseuri								-
Tutoriat								2
Examinări								3
Alte activități								-
3.7	Total ore studiul individual	24						
3.8	Total ore pe semestru	52						
3.9	Număr de credite	2						

4. Precondiții (acolo unde este cazul)

4.1	De curriculum	Does not apply
4.2	De competente	Does not apply

5. Condiții (acolo unde este cazul)

5.1	De desfășurare a cursului	Does not apply
5.2	De desfășurare a aplicațiilor	Does not apply

6 Competențe specifice acumulate

Competențe profesionale	Cunoștințe teoretice, (Ce trebuie să cunoască)	After following the course the students will be able to: - understand the influences of cultures and traditions which have generated practical and aesthetic changes in architecture; - comprehend the physical conditions and the purpose for which a building is constructed; - understand and recognize some of the main architectural styles, as well as the concepts and material and social conditions that generated them; - recognize the elements and structures of the constructions from the civil engineering field, specific to the graduated program.
	Deprinderi dobândite: (Ce știe să facă)	After following the course the students will be able to: - understand the aesthetic peculiarities used by architects in order to solve practical problems, but also to express ideas; - recognize the differences between categories and types of architecture; - distinguish the specific construction techniques and innovations of each period. - recognize construction techniques and identify the structural and architectural elements that are most suitable for varied design solutions, specific to each period; - identify the role of structural and functional elements of civil, industrial and agricultural buildings; - explain the constructive composition of different categories of civil, industrial and agricultural buildings.
	Abilități dobândite: (Ce instrumente știe să mănuiască)	
Competențe transversale		

7 Obiectivele disciplinei (reieșind din grila competențelor specific acumulate)

7.1	The overall objective of the discipline	Development of skills in the civil engineering branch, both in terms of engineering and architectural aspects, supporting professional training.
7.2	The specific objectives	1. Assimilation of theoretical knowledge on construction progress throughout history, as well as structural and architectural innovations . 2. The ability to recognize structural and architectural elements and their role in construction

8. Conținuturi

8.1. Curs (programa analitică)		Metode de predare	Observații
1	Introduction (Architecture, URBAN Planning). Object and problems.	Lectură	Proiector
2	Prehistory and Early History. 7 Wonder of the Ancient World		
3	Antiquity and Early Christianity		
4	Romanesque	Lectură	Proiector
5	Gothic		

6	Renaissance		
7	Baroque.		
8	Neoclassicism		
9	19th Century		
10	20th Century, before 1945		
11	Architecture in Romania. Architecture and power (film – Prof.dr.arch. Augustin Ioan). Real estate development after the 1989 Revolution in Romanian cities.	Film projection, discussions.	Projector
12	Architecture after 1945	Lecture	Projector
13	Architecture in the 21st Century. Built contemporary examples. Project proposals.	Lecture, discussions	Projector
14	Cluj-Napoca – History and Architecture	Trip to town	
8.2. Aplicații (seminar/lucrări/proiect)		Metode de predare	Observații
Does not apply			
Bibliografie			
<i>In biblioteca UTC-N</i>			
1. IANCU Adrian - Elemente de arhitectura si urbanism, Ed. U.T.Press., Cluj-Napoca, 2002, ISBN 973-8335-26-4			
2. MELVIN Jeremy - ...isme: să înțelegem stilurile arhitecturale, Ed. RAO, București, 2006, ISBN 973-717-075-0			
3. LAZARESCU Cezar - Arhitectura și viața orașelor, București, 1996, ISBN 973-31-0651-8			
4. VOITEC-DORDEA Mira - Renaștere, Baroc și Rococo în arhitectura universală, București, 1994, ISBN 973-30-2932-7,			
5. TALU D.L. Stefan - Stiluri arhitecturale, Cluj-Napoca, 2009, ISBN 978-973-1868-72-1.			
<i>In alte biblioteci</i>			
1. TACHEN - Architectural Theory . From Renaissance to the Present, Köln, 2006, ISBN 3-8228-5085-3,			
2. BORDEN Daniel - Arhitectura - o istorie vizuală, Ed. Litera Internațional, 2009, ISBN 978-973-675-464-7,			
3. GLANCEY Jonathan – The Story of Architecture, Ed. Dorling Kinderslez Book, Londra 2000, ISBN 978-0-7513-4881-1,			
4. The Phaidon Atlas of Contemporary World Architecture, Ed. Phaidon Press, Londra, 2004, ISBN 9780714843124			
5. Phaidon Atlas of 21st Century World Architecture, Ed. Phaidon Press, Londra, 2008 ISBN 9780714848747			

9. Coroborarea conținuturilor disciplinei cu așteptările reprezentanților comunității epistemice, asociațiilor, profesionale și angajatori din domeniul aferent programului

The course provides an initial baseline, necessary for strengthening the relationship engineer – other specializations from the same branch (especially engineer – architect), as well as general knowledge and specialized language.

10. Evaluare

Tip activitate	10.1	10.2	10.3	Ponderea din nota finala
Course	10.1 Criterii de evaluare	10.2 Metode de evaluare	10.3	Ponderea din nota finala
Aplicații	Answers for 30 de questions (questions and quiz questions)	Written Test – time:30 – 40min.		100%
	-	-		-
10.4 Standard minim de performanta				
Correct answer for 12 questions				

Data completării
1.09.2016

Titularul de Disciplina
S.I.dr.arh. Ioana Moldovan

Responsabil de curs
S.I.dr.arh. Ioana Moldovan




Data avizării in departament

Director departament

