

ROMANIA

MINISTRY OF EDUCATION, RESEARCH AND YOUTH

UNIVERSITY OF ORADEA

FACULTY OF ARCHITECTURE AND CONSTRUCTIONS

SYLLABUS

Valid from the academic year 2009 – 2010

Field: ARCHITECTURE

Specialization: ARCHITECTURE

Duration of studies: 6 years – traditional learning

Diploma awarded: ARCHITECTURE BACHELOR DEGREE

RECTOR

PhD.Prof. Cornel Antal

DEAN

PhD.Prof.Eng. Aurora Manciu

SYLLABUS 1ST YEAR

Code	Disciplines	Type	1st Semester				No. of hrs.	Type of verific.	Credits
			C	S	L	P			
COMPULSORY DISCIPLINES									
UO-AC.AH.01.01	Architectural design I	DS	–	–	–	10	140	Np	11
UO-AC.AH.01.02	The study of form I	DS	–	–	2	–	28	Cv	3
UO-AC.AH.01.03	The history of universal architecture I	DS	2	–	–	–	28	Ex	2
UO-AC.AH.01.04	The history of arts I	DF	1	–	–	–	14	Ex	2
UO-AC.AH.01.05	Mathematics	DF	2	1	–	–	42	Ex	3
UO-AC.AH.01.06	Descriptive geometry I	DF	2	–	1	–	42	Cv	3
UO-AC.AH.01.07	Building materials	DF	2	–	–	–	28	Ex	3
UO-AC.AH.01.08	Elements of topography	DF	1	–	1	–	28	Ex	2
UO-AC.AH.01.09	English language I	DC	–	1	–	–	14	Vp	1
UO-AC.AH.01.10	Sports I	DC	–	–	1	–	14	Cv	A/R
TOTAL			10	2	5	10	378		30
OPTIONAL DISCIPLINES									
UO-AC.AH.01.11	Foreign language I (not english)	DC	–	2	–	–	28	Vp	1,5
UO-AC.AH.01.12	Logics	DC	1	1	–	–	28	Cv	2
PEDAGOGIC SEMINAR									
UO-DPU.01.13	Education psychology	DC	2	2	–	–	56	Ex	5

Code	Disciplines	Type	2nd Semester					No. of hrs.	Type of verific.	Credits
			C	S	L	P	Pr			
COMPULSORY DISCIPLINES										
UO-AC.AH.02.01	Architectural design II	DS	–	–	–	10	–	140	Np	11
UO-AC.AH.02.02	The study of form II	DS	–	–	2	–	–	28	Cv	2
UO-AC.AH.02.03	The history of universal architecture II	DS	2	–	–	–	–	28	Ex	2
UO-AC.AH.02.04	Architecture's theory – introduction	DS	2	1	–	–	–	42	Ex	3
UO-AC.AH.02.05	The history of arts II	DF	1	–	–	–	–	14	Ex	1
UO-AC.AH.02.06	Descriptive geometry II	DF	2	–	1	–	–	42	Cv	3
UO-AC.AH.02.07	Elements of construction I	DF	2	–	–	–	–	28	Ex	3
UO-AC.AH.02.08	Environment elements I	DF	2	–	–	–	–	28	Ex	1
UO-AC.AH.02.09	English language II	DC	–	1	–	–	–	14	Vp	1
UO-AC.AH.02.10	Sports II	DC	–	–	1	–	–	14	Cv	A/R
UO-AC.AH.02.11	Architecture practice		–	–	–	–	84	–	Cv	3
TOTAL			11	2	4	10	84	378		30
OPTIONAL DISCIPLINES										
UO-AC.AH.02.12	Foreign language II (not English)	DC	–	2	–	–	–	28	Vp	1,5
PEDAGOGIC SEMINAR										
UO-DPU.02.13	Pedagogy I – Pedagogy foundation + Curriculum theory and methodology	DC	2	2	–	–	–	56	Ex	5

Legend: DF– fundamental discipline, DS – speciality discipline, DC– complementary discipline

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SYLLABUS **2ND YEAR**

Code	Disciplines	Type	3rd Semester				No. of hrs.	Type of verific.	Credits
			C	S	L	P			
COMPULSORY DISCIPLINES									
UO-AC.AH.03.01	Architectural design III	DS	–	–	–	10	140	Np	11
UO-AC.AH.03.02	The study of form III	DS	–	–	2	–	28	Cv	2
UO-AC.AH.03.03	The history of universal architecture III	DS	2	–	–	–	28	Ex	2
UO-AC.AH.03.04	The history of arts III	DF	1	–	–	–	14	Ex	1
UO-AC.AH.03.05	The theory of architecture Architecture programs I	DS	2	–	–	–	28	Ex	2
UO-AC.AH.03.06	Perspective	DS	2	–	1	–	42	Cv	3
UO-AC.AH.03.07	Elements of constructions II	DF	2	–	–	–	28	Ex	3
UO-AC.AH.03.08	Mechanics of constructions I	DF	2	–	–	–	28	Cv	2
UO-AC.AH.03.09	Localities design I	DS	1	–	–	–	14	Cv	3
UO-AC.AH.03.10	English language III	DC	–	1	–	–	14	Vp	1
UO-AC.AH.03.11	Sports III	DC	–	–	1	–	14	Cv	A/R
TOTAL			12	1	4	10	378		30
OPTIONAL DISCIPLINES									
UO-AC.AH.03.12	Foreign language III (not English)	DC	–	2	–	–	28	Vp	1,5
PEDAGOGIC SEMINAR									
UO-DPU.03.13	Pedagogy II – Training theory and methodology + Evaluation theory and methodology	DC	2	2	-	-	56	Ex	5

Code	Disciplines	Type	4th Semester					No. of hrs.	Type of verific.	Credits
			C	S	L	P	Pr			
COMPULSORY DISCIPLINES										
UO-AC.AH.04.01	Architectural design IV	DS	–	–	–	10	–	140	Np	11
UO-AC.AH.04.02	The study of form IV	DS	–	–	2	–	–	28	Cv	2
UO-AC.AH.04.03	The history of universal architecture IV	DS	2	–	–	–	–	28	Ex	1
UO-AC.AH.04.12	The history of contemporary architecture I	DS	2	–	–	–	–	28	Ex	1
UO-AC.AH.04.04	The theory of architecture – Dwelling	DS	1	–	1	–	–	28	Ex	2
UO-AC.AH.04.05	The theory of architecture Architecture programs II	DS	2	–	–	–	–	28	Ex	2
UO-AC.AH.04.06	Architectural details I	DS	1	–	1	–	–	–	Ex	3
UO-AC.AH.04.07	The mechanics of constructions II	DF	2	–	–	–	–	28	Ex	2
UO-AC.AH.04.08	Localities design II	DS	2	–	–	–	–	28	Ex	2
UO-AC.AH.04.09	Foreign language IV	DC	–	1	–	–	–	14	Vp	1
UO-AC.AH.04.10	Sports IV	DC	–	–	1	–	–	14	Cv	A/R
UO-AC.AH.04.11	Architecture practice		–	–	–	–	84	–	Cv	3
TOTAL			12	1	5	10	84	378		30
OPTIONAL DISCIPLINES										
UO-AC.AH.04.12	Foreign language IV (not English)	DC	–	2	–	–	–	28	Vp	1,5
PEDAGOGIC SEMINAR										
UO-DPU.04.13	Methodology (Didactics) Speciality I	DC	2	2	–	–	–	56	Ex	5

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SYLLABUS **3RD YEAR**

Code	Disciplines	Type	5th Semester				No. of hrs.	Type of verif.	Credits
			C	S	L	P			
COMPULSORY DISCIPLINES									
UO-AC.AH.05.01	Architectural design V	DS	-	-	-	10	140	Np	12
UO-AC.AH.05.02	The history of contemporary architecture II	DS	2	-	-	-	28	Ex	2
UO-AC.AH.05.03	The theory of architecture - Methodology	DS	1	-	1	-	28	Ex	2
UO-AC.AH.05.04	Computer aided design I	DF	1	-	1	-	28	Cv	2
UO-AC.AH.05.05	Architectural details II	DS	1	-	1	-	28	Cv	2
UO-AC.AH.05.06	Finishing	DS	2	-	1	-	56	Ex	4
UO-AC.AH.05.07	The theory of structures I	DF	2	-	-	-	28	Cv	2
UO-AC.AH.05.08	Technical and urban equipment	DF	2	-	-	-	28	Cv	2
UO-AC.AH.05.09	Urbanism design I	DS	-	-	-	2	28	Np	2
TOTAL			11	-	4	12	378		30
OPTIONAL DISCIPLINES									
PEDAGOGIC SEMINAR									
UO-DPU.05.10	Pedagogical practice I	DC	-	3	-	-	84	Cv	5

Code	Disciplines	Type	6th Semester					No. of hrs.	Type of verif.	Credits
			C	S	L	P	Pr			
COMPULSORY DISCIPLINES										
UO-AC.AH.06.01	Architectural design VI	DS	-	-	-	10	-	140	Np	10
UO-AC.AH.06.02	The history of architecture in Romania I	DS	2	-	-	-	-	28	Cv	2
UO-AC.AH.06.03	Computer aided design II	DF	-	-	2	-	-	28	Cv	2
UO-AC.AH.06.04	Installations in constructions	DF	2	-	-	-	-	28	Ex	2
UO-AC.AH.06.05	Specialty project I (constructions)	DF	-	-	-	2	-	42	Np	3
UO-AC.AH.06.06	Furniture	DS	1	-	1	-	-	28	Ex	2
UO-AC.AH.06.07	Interior architecture I	DS	2	-	-	-	-	28	Cv	2
UO-AC.AH.06.08	The theory of structures II	DF	2	-	1	-	-	42	Ex	3
UO-AC.AH.06.09	Urban structures	DS	2	-	-	-	-	28	Ex	2
UO-AC.AH.06.10	Architecture and urbanism practice		-	-	-	-	84		Cv	2
TOTAL			11	-	4	12	84	378		30
OPTIONAL DISCIPLINES										
PEDAGOGIC SEMINAR										
UO-DP.06.11	Pedagogical practice II	DC	-	3	-	-	-	84	Cv	5
UO-DP.06.12	Final evaluation – Didactic portofolio		-	1	-	-	-	14	Cv	1

SYLLABUS 4TH YEAR

Code	Disciplines	Type	7th Semester				No. of hrs.	Type of verific.	Credits
			C	S	L	P			
COMPULSORY DISCIPLINES									
UO-AC.AH.07.01	Design syntheses I	DS	-	-	-	10	140	Np	11
UO-AC.AH.07.02	The history of architecture in Romania II	DS	2	-	-	-	28	Ex	2
UO-AC.AH.07.03	The physics of constructions I	DF	2	-	1	-	42	Ex	3
UO-AC.AH.07.04	Interior architecture II	DS	-	-	-	2	28	Np	2
UO-AC.AH.07.05	The theory of structures III	DF	2	-	1	-	42	Ex	3
UO-AC.AH.07.06	Urban sociology	DF	2	-	-	-	28	Cv	2
UO-AC.AH.07.07	Computer aided design III	DF	2	-	2	-	56	Cv	3
UO-AC.AH.07.08	Monuments rehabilitation I	DS	2	-	-	-	28	Ex	4
TOTAL			12	-	4	12	392		30
OPTIONAL DISCIPLINES									
UO-AC.AH.07.09	Editing and AutoCAD I	DC	-	-	2	-	28	Cv	2

Code	Disciplines	Type	8th Semester					No. of hrs.	Type of verific.	Credits
			C	S	L	P	Pr			
COMPULSORY DISCIPLINES										
UO-AC.AH.08.01	Design syntheses II	DS	-	-	-	10	-	140	Np	10
UO-AC.AH.08.02	Monuments rehabilitation II	DS	-	-	-	2	-	28	Ex	2
UO-AC.AH.08.03	Contemporary theories and doctrines	DS	2	-	-	-	-	28	Ex	2
UO-AC.AH.08.04	The physics of constructions II	DF	2	-	2	-	-	42	Ex	3
UO-AC.AH.08.05	Design in urbanism II	DS	-	-	-	3	-	42	Np	3
UO-AC.AH.08.06	Computer aided design IV	DF	-	-	-	3	-	42	Cv	4
UO-AC.AH.08.07	Urbanism practice I		-	-	-	-	84		Cv	3
OPTIONAL DISCIPLINES										
UO-AC.AH.08.08	Territorial systems	DS	2	1	-	-	-	42	Ex	3
UO-AC.AH.08.09	Compared history of architecture – the etnogenesis of architectural form									
TOTAL			6	1	2	18	84	378		30
FACULTATIVE DISCIPLINE										
UO-AC.AH.08.10	Editing and AutoCAD II	DC	-	-	2	-	-	28	Cv	3

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SYLLABUS 5TH YEAR

Code	Disciplines	Type	9th Semester				No. of hrs.	Type of verif.	Credits
			C	S	L	P			
COMPULSORY DISCIPLINES									
UO-AC.AH.09.01	Aesthetics	DF	2	-	-	-	28	Ex	3
UO-AC.AH.10.04	Urban composition	DS	2	-	-	-	28	Ex	3
UO-AC.AH.09.03	Construction works technology	DF	2	-	-	-	28	Ex	2
UO-AC.AH.09.04	Specialty project II (constructions+technology)	DF	-	-	-	2	28	Np	3
UO-AC.AH.09.07	Landscaping	DS	2	-	-	1	42	Ex Np	2 2
UO-AC.AH.09.08	Design syntheses III	DS	-	-	-	8	112	Np	8
OPTIONAL DISCIPLINES									
Set 1									
UO-AC.AH.09.09	Territorial systems	DS	2	-	-	-	28	Cv	2
UO-AC.AH.09.10	Styles, furniture								
Set 2									
UO-AC.AH.09.11	Urban rehabilitation	DS	2	-	-	-	28	Ex	2
UO-AC.AH.09.12	Urban ecology								
Set 3									
UO-AC.AH.09.13	Furniture project	DS	-	-	-	4	56	Np	3
UO-AC.AH.09.14	Interior decorations project								
TOTAL			12	-	-	15	378		30

Code	Disciplines	Type	10th Semester					No. of hrs.	Type of verif.	Credits
			C	S	L	P	Pr			
COMPULSORY DISCIPLINES										
UO-AC.AH.10.01	Design syntheses IV	DS	-	-	-	8	-	112	Np	8
UO-AC.AH.10.02	Specialty project III (urbanism)	DS	-	-	-	4	-	56	Np	4
UO-AC.AH.10.03	The economical efficiency of constructions	DF	2	-	-	-	-	28	Cv	2
UO-AC.AH.09.02	Architectural composition	DS	2	-	-	-	-	28	Ex	3
UO-AC.AH.10.05	Urbanism practice II		-	-	-	-	84		Cv	3
OPTIONAL DISCIPLINES										
Set 4										
UO-AC.AH.10.06	Informational systems in urbanism	DS	2	-	1	-	-	28	Cv	2
UO-AC.AH.11.07	Design									
Set 5										
UO-AC.AH.10.09	Special structures I	DS	2	-	-	-	-	28	Ex	3
Set 6										
UO-AC.AH.10.10	Computer aided architectural design I	DS	-	-	-	6	-	84	Np	5
UO-AC.AH.10.11	Specialty Project I									
TOTAL			8	-	1	18	-	378		30

University of Oradea
 Faculty of Architecture and Constructions
 Field: **ARCHITECTURE**
 Specialization: **ARCHITECTURE**
 Type of education: **traditional learning**
 Duration of studies: **6 years**

Valid for the academic year
 2009/2010
 Starting with the 1st year
Approved

SYLLABUS **6TH YEAR**

Code	Disciplines	Type	11th Semester				No. of hrs.	Type of verif.	Credits
			C	S	L	P			
COMPULSORY DISCIPLINES									
UO-AC.AH.11.01	Monuments rehabilitation III	DS	-	-	-	3	42	Np	4
UO-AC.AH.11.02	Specialty project III (constructions + technology)	DF	-	-	-	3	42	Np	3
UO-AC.AH.11.03	Administration / urban law	DS	2	-	-	-	28	Ex	2
UO-AC.AH.11.04	Training in a design workshop (urbanism)	DS	-	-	-	3	42	Np	3
UO-AC.AH.11.05	Training in an architecture workshop	DS	-	-	-	3	42	Np	3
UO-AC.AH.11.12	Elaboration and presentation of prediploma	DS	-	-	-	-	42	Np	5
OPTIONAL DISCIPLINES									
Set 1									
UO-AC.AH.11.06	Urban management and marketing IV	DS	2	-	-	-	28	Ex	2
UO-AC.AH.11.07	Special finishing techniques								
Set 2									
UO-AC.AH.11.08	New materials and technologies in constructions	DS	2	-	-	-	42	Ex	2
UO-AC.AH.11.09	Special forms of structures II								
Set 3									
UO-AC.AH.11.10	Computer aided architectural design II	DS	-	-	-	6	84	Np	6
UO-AC.AH.11.11	Specialty Project II								
TOTAL			6	-	1	21	392		30
Bachelor Degree Diploma / 12th Semester									
UO-AC.AH.12.01	Elaboration and finalization of bachelor degree diploma - fundamental and speciality knowledge exam - bachelor degree paper		-	-	-	-	27	A/R	30
TOTAL			-	-	-	-	27		10

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Major: **ARHITECTURĂ**
 Diploma awarded: – **Bachelor degree in Architecture**
 Duration of studies: **11 semesters**
 Type of education: **traditional learning**

I. REQUIREMENTS FOR THE BACHELOR DEGREE

- 297 credits for the compulsory disciplines
- 33 credits for the optional disciplines
- 30 credits for elaboration and finalization of diploma project
- 20 credits at the licentiate's degree exam (10 credits for the test evaluating the theoretical knowledge at the fundamental and specialty disciplines, 10 credits for the graduation paper)

In order to occupy a didactic position (gymnasium, highschool or higher education) the graduate has to possess a *Graduation certificate* issued by the Department for training and improvement of the didactic staff. In order to obtain this certificate, the graduate has to obtain the credits corresponding to the disciplines from the Pedagogic Seminar.

II. STUDY DISPLAY (in number of weeks)

Year of study	Didactic activities		Sessions of exams			Holiday		
	Sem I	Sem II	I	II	III	Winter	Spring	Summer
Year I	14	14	3	3	3	2	1	10
Year II	14	14	4	4	3	2	1	10
Year III	14	14	4	4	3	2	1	10
Year IV	14	14	4	4	3	2	1	10
Year V	14	14	4	4	3	2	1	10
Year VI	14	14*	4	–	–	2	1	–

*Elaboration and finalization of diploma project

III. NUMBER OF HOURS PER WEEK AT THE COMPULSORY AND OPTIONAL DISCIPLINES

ANUL	SEMESTER I	SEMESTER II
Year I	27	27
Year II	27	27
Year III	27	27
Year IV	27	27
Year V	27	27
Year VI	27	27

IV. HOW TO CHOOSE THE OPTIONAL DISCIPLINES

From each set of two optional disciplines, the student will choose one which becomes compulsory.

Legend:

D.F. – fundamental disciplines	(49,96%)
D.S. – specialty disciplines	(46,73%)
D.C. – complementary disciplines	(3,31%)

V. GRADUATION EXAM

1. Period for elaboration of diploma paper: semesters 11–12
2. Period of finalising the graduation paper:

3. Period for presenting the graduation paper: June, February
4. Content of graduation exam:
 - a) Evaluation of the theoretical knowledge at the fundamental and optional disciplines;
 - b) Graduation paper presentation.

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