



Bachelor's degree in architecture and build environment

1. Program Description:

The reform of higher education consists, from a pedagogical point of view, in establishing an organisation of teaching which aims to enable students;

- To acquire working methods developing a critical mind and faculties of analysis, synthesis and adaptability.
- To benefit from an efficient and appropriate orientation reconciling their wishes with their aptitudes for a better preparation either for working life by optimising their chances of professional integration, or for the continuation of university studies.
- A better adaptation of architectural education to the continuous evolution of techniques and technologies.
- A response to the evolving needs of the national and regional socio-economic context.
- An adaptation of architectural education in Algeria to universal standards in order to allow more exchanges and mobility.

Indeed, it will be a question of "validating" the qualities and aptitudes capable of allowing this future executive to exercise his profession in a responsible and professional manner.

Thus, the training profile prescribed by the national pedagogical committee of the "Architecture, Urbanism and City Professions" field tends to prioritise practical qualifications while remaining open and "reflective". In fact, if the primary mission of this architect corresponds to the dispositions and aptitudes to respond appropriately to public orders in his field, it remains that, as a "thinking head", he is also a producer of knowledge. Thus, the practitioner's scope of practice can also be increased by predispositions to engage in research.

In this perspective, the Bachelor's degree is the stage at which the student acquires the necessary foundation for the profession. The third year of this training (L3) is a year of validation of the acquisition and assimilation of theoretical and practical knowledge authorising access to the final stage of university training (cycle 2).

This first part of the architect's training through the licence constitutes an INITIATION TO ARCHITECTURAL PRACTICE THROUGH DISCOVERY AND DESIGN (MASTERY OF BASIC TOOLS).

2. Entry Requirements (Other) :

The minimum baccalaureate rates accepted at Algerian universities are used to establish the rate at which a student must have earned their degree in order to enter the program.

3. Modules

Semester 1 :

Teaching unit	SHV	Weekly Hourly volume				Coef.	Credits	Mode of examination	
	15 week	C	TUTORIAL	PW	Workshop			Continuous	Exam
Fundamental unit						12	18		
TUF1 (O/P)									
Module1: project workshop 1	135h00				9h00	6	12	100%	
Module 2: Critical history of architecture 1	45h00	1h30	1h30			4	4	40%	60%
Module 3: Project theory 1	22h30	1h30				2	2		100%
Methodological unit						5	9		
UEM1 (O/P)									
Module 1: space geometry 1	45h00	1h30	1h30			2	4	40%	60%
Module2: Drawing and graphic art 1	45h00		3h00			2	3	100%	
Module 3: Terminology 1	22h30		1h30			1	2		100%
TU transverse						3	3		
UET1 (O/P)									
Module 1: Building materials technology 1	22h30	1h30				1	1		100%
Module 2: Physics	22h30	1h30				1	1		100%
Module 3: Mathematics	22h30	1h30				1	1		100%
Weekly total		9h00	7h30		9h00				

Semester Semester total 1	382h30					20	30		
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Semester 2 :

Teaching unit	SHV	Weekly Hourly volume				Coef.	Credits	Mode of examination	
	15 weeks	C	Tutorials	PW	Workshop			Continuous	Exam
Fundamental TU						12	18		
UEF1 (O/P)									
Module 1: Workshop de projet 2	135h00				9h00	6	12	100%	
Module 2: Critical history of architecture 2	45h00	1h30	1h30			4	4	40%	60%
Module 3 : Theory- project 2	22h30	1h30				2	2		100%
Methodological unit						5	9		
UEM1 (O/P)									
Module 1: Space geometry 2	45h00	1h30	1h30			2	4	40%	60%
Module 2: Drawing and graphic art 2	45h00		3h00			2	3	100%	
Module 3: Terminology 2	22h30		1h30			1	2		100%
TU transverse						3	3		
UET1 (O/P)									
Module 1: Building materials technology 2	45h00			3h00		2	2	40%	60%
Module 2: Building physics	22h30	1h30				1	1		100%
Weekly total		6h00	7h30	3h00	9h00				
Semester total 2	382h30					20	30		

Semester 3 :

Teaching unit	SHV	Weekly Hourly volume				Coef.	Crédits	Mode of examination	
	15 week	C	TUTORIAL	PW	Workshop			Continu ous	Examen s
Fundamental TU						12	18		
UEF3-1 (O/P)									
Module 1: Workshop projet 3	135h00				9h00	6	12	100%	
Module 2: Critical history of architecture 3	45h00	1h30	1h30			4	4	40%	60%
Module 3: Theory- project 3	22h30	1h30				2	2		100%
Methodological unit						5	9		
UEM3 (O/P)									
Module 1: Construction 1	45h00	1h30	1h30			2	4	40%	60%
Module 2: Spatial analysis	45h00			3h00		2	4	100%	
Module 3: Terminology 3	22h30		1h30			1	1		100%
TU transverse						2	2		
UET3 (O/P)									
Module 1: computer aided design 1	45h00	1h30	1h30			2	2	40%	60%
Discovery unit						1	1		
UED3 (O/P)									
Module 1: Anthropology of space	22h30	1h30				1	1		100%

Weekly total		7h30	6h00	3h00	9h00				
Semester total 3	382h30					20	30		

Semester 4 :

Teaching unit	SHV	Weekly Hourly volume				Coef.	Credits	Mode of examination	
	15 week	C	TUTORIAL	PW	Workshop			Continuous	Examen
Fundamental TU						12	18		
TU 4 (O/P)									
Module 1: Workshop projet 4	135h00				9h00	6	12	100%	
Module 2: Critical history of architecture 4	45h00	1h30	1h30			4	4	40%	60%
Module 3: Threory project 4	22h30	1h30				2	2		100%
Methodological TU						5	9		
MTU 4 (O/P)									
Module 1: Construction 2	45h00	1h30	1h30			2	4	40%	60%
Module 2: Geography of housing	22h30	1h30				2	2		100%
Module 3: Computer aided design				3h00		2	2	100%	
Module 4: Anthropology of housing	22h30	1h30				1	1		100%
TU transverse						2	2		
UET4 (O/P)									
Module 1: computer aided design 2	45h00	1h30	1h30			2	2	40%	60%
Discovery unit						1	1		
UED4 (O/P)									
Sortie découverte (Stage)		Maximum 15 jours				1	1	100%	
Weekly total		9h00	4h30	3h00	9h00				

Semester total 4	382h30					20	30		
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Semester 5 :

Teaching unit	SHV	Weekly Hourly volume				Coef.	Crédits	Mode of examination	
	15 week	C	TUTORIAL	PW	Workshop			Continuus	Examen
Fundamental TU						12	18		
UEF5 (O/P)									
Module 1: Workshop projet 5	135h00				9h00	6	12	100%	
Module 2: Critical history of architecture 5	45h00	1h30	1h30			4	4	40%	60%
Module 3: Theory project 5	22h30	1h30				2	2		100%
Methodological unit						5	9		
UEM5 (O/P)									
Module 1: Introduction to town planning	22h30	1h30				1	2		100%
Module 2: Planning and Spatial development 1	45h00		3h00			2	3	100%	
Module 3: Building equipment 1	45h00	1h30	1h30			2	4	40%	60%
TU transverse						3	3		
UET5 (O/P)									
Module 1: Structure 1	45h00	1h30	1h30			2	2	40%	60%
Module 2: Modeling and simulation (BIM) 1	22h30	1h30				1	1		100%
Weekly total		9h00	7h30		9h00				
Semester total 5	382h30					20	30		

Semester 6 :

Teaching unit	SHV	Weekly Hourly volume				Coef.	Crdits	Mode of examination	
	15 week	C	TUTORIAL	PW	Workshop			Continuus	Examen
Fundamental TU						12	18		
UEF5 (O/P)									
Module 1: Workshop projet 6	135h00				9h00	6	12	100%	
Module 2: Critical history of architecture 6	45h00	1h30	1h30			4	4	40%	60%
Module 3: Theory projet 6	22h30	1h30				2	2		100%
Methodological unit						5	9		
UEM5 (O/P)									
Module 1: Outils et instruments d'aménagement et d'urbanisme en Algérie	22h30	1h30				1	2		100%
Module 2: Planning and Spatial development 2	45h00		3h00			2	3	100%	
Module 3: Building equipment 2	45h00	1h30	1h30			2	4	40%	60%
TU transverse						3	3		
UET5 (O/P)									
Module 1: Structure 2	45h00	1h30	1h30			2	2	40%	60%
Module 2: Modeling and simulation (BIM) 2	22h30			1h30		1	1		100%
Weekly total		7h30	7h30	1h30	9h00				
Semester total 6	382h30					20	30		