

University of Oum El Bouaghi

Faculty of Faculty of Earth Sciences and Architecture

Department of Architecture

Program name: Bachelor's degree in Architecture

- **Level:** Bachelor
- **Domain:** Architecture, urbanism and city professions
- **Field:** Architecture
- **Specialty:** /

1. Program Description:

The academic degree in Architecture is conceived as a step towards a more complete training in the field of Architecture based on a base of training in architecture for the obtaining of the academic or professional Master's degree, and allowing the student to acquire the necessary and sufficient knowledge to become an architect and to practice the profession of architect according to the rules of art.

The knowledge acquired will allow students to be autonomous and capable of analysis and synthesis in order to choose the training profiles that will be offered to them according to their abilities, their baggage, their vocations, but also the perspectives that the job market offers to integrate them.

The Bachelor's degree in Architecture consists, from a pedagogical point of view, in establishing an organization of the teachings which has for finalities to allow the student:

- 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 optimizing their chances of professional integration, or for the continuation of university studies.
- A better adaptation of architectural training to the continuous evolution of techniques and technologies.
- A response to the evolving needs of the national and regional socio-economic context.
- An adequacy of the teaching of architecture in Algeria to the universal standards so as to allow more exchanges and mobility.

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

Thus, the training profile tends to prioritize 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 field of practice can also be increased by predispositions to engage in research.

In this perspective, the Bachelor's degree is the level 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 authorizing access to the final stage of university training (cycle 2).

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

2. Entry Requirements

Access to training in Architecture is open to candidates with a high school diploma or a foreign diploma recognized as equivalent

3. Program Units and modules

Semester	Unit	Modules
----------	------	---------

S01	Fundamental UE	Subject 1: Project Workshop 1
	UEF1 (O/P)	Subject 2: Critical History of Architecture 1
		Subject 3: Project Theory 1
	UE Methodology	Subject 1: Geometry of Space 1
	MEU1 (O/P)	Subject 2: Drawing and graphic art 1
		Subject 3: Terminology 1
	Cross-curricular course	Subject 1: Building Materials Technology 1
	UET1 (O/P)	Subject 2: Physics
		Subject 3: Mathematics
S02	Fundamental Unit	Subject 1 : Project Workshop 2
	UEF1 (O/P)_1	Subject 2 : Critical History of Architecture 2
		Subject 3 : Project Theory 2
	Methodological UE	Subject 1 : Geometry of space 2
	MEU1 (O/P)	Subject 2 : Drawing and Graphic Art 2
		Subject 3 : Terminology 2
	Cross-curricular course	Subject 1 : Building Materials Technology 2
	UET1 (O/P)	Subject 2 : Building Physics
S03	Teaching Unit	Subject 1:Project Workshop 3
	Fundamental UE	Subject 2:Critical History of Architecture 3
	UEF3-1 (O /P)	Subject 3:Project Theory 3
	UE Methodology	Subject 1:Construction 1
	EWU3 (O /P)	Subject 2: Spatial Analysis
		Subject 3:Terminology 3
	Cross-curricular course	Subject 1:Strength of Materials 1
	UET3 (O /P)	
Discovery course	Subject 1:Anthropology of space	
UED3 (O /P)		
S04	Teaching Unit	Subject 1:Project Workshop 4
	Fundamental UE	Subject 2:Critical History of Architecture 4
		Subject 3:Project Theory 4
UEF4 (O /P)		

	UE methodology	Subject 1:Construction 2
	MEU4 (O /P)	Subject 2: Geography of the habitat
		Subject 3: Computer-aided design
		Subject 4: Anthropology of the habitat
Cross-curricular course	Subject 1:Strength of Materials 2	
UET4 (O /P)		
Discovery course	Discovery trip(Internship)	
UED4 (O /P)		
S05	Teaching Unit	Subject 1:Project Workshop 5
	Fundamental UE	Subject 2:Critical History of Architecture 5
		Subject 3:Project Theory 5
	UEF5 (O /P)	
	UE methodology	Subject 1: Introduction to Urban Planning
	UEMS (O /P)	Subject 2: Spatial Planning and Development 1
		Subject 3: Building equipment 1
Cross-curricular course	Subject 1:Structure 1	
UETS (O /P)	Subject 2:Modeling and Simulation (BIM)1	
S06	Teaching Unit	Subject 1:Project workshop 6
	Fundamental UE	Subject 2:Critical History of Architecture 6
		Subject 3:Project Theory 6
	UEF5 (O /P)	
	UE Methodology	Subject 1: Tools and instruments of planning and urbanism in Algeria
	MEU5 (O /P)	Subject 2: Planning and spatial development 2
		Subject 3:Building equipment 2
Transversal UE	Subject 1:Structure 2	
UETS (O /P)	Subject 2:Modeling and Simulation (BIM)2	

4. Other

The academic degree in Architecture is conceived as a step towards a more complete training in the field of Architecture based on a base of training in architecture for the

obtaining of the academic or professional Master's degree, and allowing the student to acquire the necessary and sufficient knowledge to become an architect and to practice the profession of architect according to the rules of art.

The knowledge acquired will allow students to be autonomous and capable of analysis and synthesis in order to choose the training profiles that will be offered to them according to their abilities, their baggage, their vocations, but also the perspectives that the job market offers to integrate them.

The projected training is not professionalizing but opens the way to other professionalizing trainings and in particular the masters in architecture: at the end of this training in two levels: licence + master and enriched by the personal work of the student as well as the confrontation of the real world of work through the training courses envisaged in the two trainings, the student will be a future motivated and evolutionary executive, responsible and ready to initiatives On the local and national market.