

# University of Oum El Bouaghi

## Faculty of Faculty of Earth Sciences and Architecture

### Department of Architecture

#### Program name: Bachelor's degree in Architecture

- **Level: Master Degree**
- **Domain: Architecture, urbanism and city professions**
- **Field: Architecture**
- **Specialty: Architecture**

<b>a. Architecture, Environment and Technology</b>
<b>b. Urban Design</b>

#### 1. Program Description:

The objectives of the training are to prepare a "professional" with the skills, abilities and aptitudes to participate in the production of quality, the promotion of architecture and the protection of built heritage.

Thus, all architectural production is called upon to preserve the quality of public interest that the natural and urban landscapes have. Any intervention therefore requires the intervention of a professional with adequate skills to practice the profession of architect.

At the end of the training, the student will be able to conceive, elaborate and lead an architectural project. These abilities will be accompanied by transversal and specific skills.

The former consist of a mastery of communicative skills at a university level (oral and written), of an appropriate personal culture and of knowledge to be mobilized beyond the exercise of one's profession.

The latter are related to the discipline or specialty. They are therefore skills that promote the mobilization of knowledge for the practice of the profession.

In short, the training aims to create an executive with the knowledge, interpersonal skills and know-how to be able to carry out the missions under his or her responsibility in accordance with the rules of the trade.

## 2. Entry Requirements

To access this Master, the candidate must hold a diploma of study in architecture conferring the grade of license.

## 3. Program Units and modules

Semester	Unit	Modules
S01	UE Fundamentals	Subject 1: Programming, Sketching and Preliminary design
		Subject 2: Urban and architectural planning
		Subject 3: Equipment 1 Electricity and lighting of buildings
	UE Methodology	Subject 1: Introduction to Research
		Subject 2: History of Architecture in Algeria XIX -XX S. 1
		Subject 3: Equipment 1 Electricity and lighting of buildings
	UE Discovery /Transversal	Subject 1: Building Materials Technology 1
		Subject 2: Physics
		Subject 3: Mathematics
	UE Discovery /Transversal	Subject 1: Mastery of work and and project management
		Subject 2: Roads and other networks
		Subject 3: English 1
S02	UE Fundamentals	Subject 1: Execution file (DEX )
		Subject 2: Introduction to detailing and secondary construction (CES )
		Subject 3: Structure 2
	UE Methodology	Subject 1: Initiation to the writing of a thesis in architecture
		Subject 2: History of Architecture in Algeria XIX -XX S. 2
		Subject 3: Equipment 2. Acoustics
	UE Discovery /Transversal	Subject 1: Curricular seminar
		Subject 2: English 2
	S03	UE Fundamentals
Topic 2: Supporting Subject 1 (see outline) <sup>1</sup>		

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<sup>1</sup>Supporting Subject 1= "Projects and urban context" For "URBAN DESIGN ",  
Supporting Subject 1= "Environmental performance and technological innovations in buildings" For  
"Architecture, Environment and Technology"

		Subject 3: Supporting Subject 2 (see outline) <sup>2</sup>
		Subject 1: Work experience placement
	UE Methodology	Subject 1: Seminar on current architectural issues
	UE Discovery /Transversal	Subject 1:Theoretical statement of the Project /Dissertation
<b>S04</b>	UE Fundamentals	Subject 1:FINAL PROJECT
		Subject 2: FINAL MEMORY

## 4. Other

The training is therefore designed to set up a cadre called to ensure activities in the field of architectural production, but also to be able to devote itself to research in the field regrouping related disciplines.

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<sup>2</sup>Supporting Subject 2= Methods and tools for urban analysis for “URBAN DESIGN”  
Supporting Subject 2=“Evaluation of comfort in the building and energy diagnosis” For Architecture, Environment and Technology