

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH



University of Batna 1

Vice-Rectorate in charge of Higher education of First and Second Cycles, Continuing Education,
Diplomas and Higher Graduate Education

FACT SHEETS

Master's degrees

Domain 14: AUJJ (Architecture, Urban planning, and Urban jobs)

Pathways	Specialisms
1. Architecture	Architecture

**Master of Architecture:
Academic Master's degree
Program**

A. Identification:

Access to the Master of Architecture program (Bachelor's degree + 2) is reserved for candidates who hold a Bachelor of Architecture degree or an equivalent foreign diploma. Once admitted to the program, candidates are expected to complete a two-year course of study, which is equivalent to four semesters. This training leads to a Master's degree, providing candidates with the opportunity to pursue a doctorate or enter the professional world.

B. SEMESTER ORGANIZATION OF COURSES:

First year of Master's degree									
First semester									
Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						10	18		
BTU1 (O/P)									
1. Project Studio 1: Programming, sketching and preliminary design	135h00				9h00	6	12	100 %	
2. Urban and architectural programming	22h30	1h30				2	3		100 %
3. Structure 1	45h00	1h30	1h30			2	3	40 %	60 %
Methodological Teaching Units						7	9		
MTU1 (O/P)									
1. Introduction to research	22h30	1h30				3	2		100 %
2. History of Algerian architecture 1: 19 th -20 th centuries	45h00	1h30	1h30			2	3	40 %	60 %
3. Building services 1: Electricity and building lighting	45h00	1h30	1h30			2	4	40 %	60 %
Cross-disciplinary Teaching Units						3	3		
CTU1 (O/P)									
1. Project management and contracting	22h30	1h30				1	1		100 %
2. Roads and other networks	22h30	1h30				1	1		100 %
3. English 1	22h30	1h30				1	1		100 %
Semester total	382h30	12h00	4h30		9h00	20	30		

First year of Master's degree

Second semester

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						10	18		
BTU2 (O/P)									
1. Project Studio 2: Execution file	135h00				9h00	6	12	100 %	
2. Introduction to architectural detailing	22h30	1h30				2	3		100 %
3. Structure 2	45h00	1h30	1h30			2	3	40 %	60 %
Methodological Teaching Units						7	9		
MTU2 (O/P)									
1. Introduction to writing an architectural thesis	22h30	1h30				3	2		100 %
2. History of Algerian architecture 2: 19 th ~20 th centuries	45h00	1h30	1h30			2	3	40 %	60 %
3. Building services 1: Acoustics	45h00	1h30	1h30			2	4	40 %	60 %
Cross-disciplinary Teaching Units						3	3		
CTU2 (O/P)									
1. Curriculum seminar	22h30	3h00				2	2		100 %
2. English 2	22h30	1h30				1	1		100 %
Semester total	382h30	12h30	4h30		9h00	20	30		

Second year of Master's degree

Third semester

Topic 1: Urban Design

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						10	18		
BTU3 (O/P)									
1. Project Studio 3: Theoretical statement of project / thesis	135h00				9h00	6	12	100 %	
2. Project and urban context	22h30	1h30				2	3	60 %	40 %
3. Methods and tools of urban analysis	45h00	1h30	1h30			2	3	60 %	40 %
Methodological Teaching Units						7	9		
MTU3 (O/P)									
1. Work experience placement	90h00 (15 days)					7	9	100 %	
Discovery Teaching Units						3	3		
DTU3 (O/P)									
1. Seminar on architectural innovations	45h00	3h00				3	3		100 %
Semester total	337h30	6h00	1h30		9h00	20	30		

Second year of Master's degree

Third semester

Topic 2: Housing and Urban Policy

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						10	18		
BTU3 (O/P)									
1. Project Studio 3: Theoretical statement of project / thesis	135h00				9h00	6	12	100 %	
2. Housing: Spaces and uses	22h30	1h30				2	3	60 %	40 %
3. Urban renewal and city policy	45h00	1h30	1h30			2	3	60 %	40 %
Methodological Teaching Units						7	9		
MTU3 (O/P)									
1. Work experience placement	90h00 (15 days)					7	9	100 %	
Discovery Teaching Units						3	3		
DTU3 (O/P)									
1. Seminar on architectural innovations	45h00	3h00				3	3		100 %
Semester total	337h30	6h00	1h30		9h00	20	30		

Second year of Master's degree

Third semester

Topic 3: Architecture, Technology and Environment

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						10	18		
BTU3 (O/P)									
1. Project Studio 3: Theoretical statement of project / thesis	135h00				9h00	6	12	100 %	
2. Environmental performance and technological innovation in the building industry	22h30	1h30				2	3	60 %	40 %
3. Building comfort assessment and energy diagnostics	45h00	1h30	1h30			2	3	60 %	40 %
Methodological Teaching Units						7	9		
MTU3 (O/P)									
1. Work experience placement	90h00 (15 days)					7	9	100 %	
Discovery Teaching Units						3	3		
DTU3 (O/P)									
1. Seminar on architectural innovations	45h00	3h00				3	3		100 %
Semester total	337h30	6h00	1h30		9h00	20	30		

Second year of Master's degree

Third semester

Topic 4: Architectural and Urban Built Heritage

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						10	18		
BTU3 (O/P)									
1. Project Studio 3: Theoretical statement of project / thesis	135h00				9h00	6	12	100 %	
2. Preservation and valorization of architectural and urban heritage	22h30	1h30				2	3	60 %	40 %
3. Preliminary studies and diagnosis according to the pathologies of the building system	45h00	1h30	1h30			2	3	60 %	40 %
Methodological Teaching Units						7	9		
MTU3 (O/P)									
1. Work experience placement	90h00 (15 days)					7	9	100 %	
Discovery Teaching Units						3	3		
DTU3 (O/P)									
1. Seminar on architectural innovations	45h00	3h00				3	3		100 %
Semester total	337h30	6h00	1h30		9h00	20	30		

Second year of Master's degree

Fourth semester

The four topics

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						20	30		
BTU3 (O/P)									
1. Project	90h00				6h00	12	20	100 %	
2. Thesis	45h00				3h00	8	10	100 %	
Semester total	135h00				9h00	20	30		