

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

Bachelor's degrees

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

Pathways	Specialisms
1. Architecture	Architecture
2. Urban jobs	Operational Project Management
3. Management of Urban Techniques	Management of Urban Techniques

**Academic bachelor's degree in
Management of Urban Techniques**

A. Identification:

The aim of this academic degree is to train students in urban resource management. Access to this Bachelor's degree (Bac+3) is reserved for students who meet the entry requirements outlined in the circular issued by the Ministry of Higher Education and Scientific Research regarding the pre-registration and orientation of baccalaureate holders each year.

B. SEMESTER ORGANIZATION OF COURSES:

First year of Bachelor'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						9	18		
BTU1 (O/P)									
1. Introduction to urban planning 1	45h00	1h30	1h30			2	4	50 %	50 %
2. Project Studio 1: Introduction to technical drawing	90h00				6h00	4	8	100 %	
3. Urban layout 1	67h30	1h30	1h30			3	6	50 %	50 %
Methodological Teaching Units						5	9		
MTU1 (O/P)									
1. Mathematics 1	45h00	1h30	1h30			2	4	50 %	50 %
2. Chemistry	45h00	1h30		1h30		2	4	50 %	50 %
3. Communication techniques	22h30	1h30				1	1		100 %
Discovery Teaching Units						2	2		
DTU1 (O/P)									
1. Urban legislation 1	45h00	1h30	1h30			2	2	50 %	50 %
Cross-disciplinary Teaching Units						1	1		
CTU1 (O/P)									
1. Foreign language 1: English / French	22h30	1h30				1	1		100 %
Semester total	382h30	10h30	7h30	1h30	6h00	17	30		

First year of Bachelor'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						9	18		
BTU2 (O/P)									
1. Introduction to urban planning 2	45h00	1h30	1h30			2	4	50 %	50 %
2. Project Studio 2: Introduction to technical drawing	90h00				6h00	4	8	100 %	
3. Urban layout 2	67h30	1h30	1h30			3	6	50 %	50 %
Methodological Teaching Units						5	9		
MTU2 (O/P)									
1. Mathematics 1	45h00	1h30	1h30			2	4	50 %	50 %
2. Construction materials	45h00	1h30		1h30		2	4	50 %	50 %
3. Information technology	22h30			1h30		1	1	100 %	
Discovery Teaching Units						2	2		
DTU2 (O/P)									
1. Urban legislation 2	45h00	1h30	1h30			2	2	50 %	50 %
Cross-disciplinary Teaching Units						1	1		
CTU2 (O/P)									
1. Foreign language 2: English / French	22h30	1h30				1	1		100 %
Semester total	382h30	9h00	7h30	3h00	6h00	17	30		

Second year of Bachelor's degree

Third semester

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						9	18		
BTU3 (O/P)									
1. Roads and other networks 1	67h30	1h30		3h00		3	6	40 %	60 %
2. Project Studio 3: Diagnosis and urban development	90h00				6h00	4	8	100 %	
3. Materials resistance	45h00	1h30	1h30			2	4	40 %	60 %
Methodological Teaching Units						5	9		
MTU3 (O/P)									
1. Topography 1	45h00	1h30	1h30			2	4	40 %	60 %
2. Cartography 1	22h30		1h30	1h30		1	1		100 %
3. Information technology and graphics 1	45h00			3h00		2	4		100 %
Discovery Teaching Units						2	2		
DTU3 (O/P)									
1. Soil mechanics 1	45h00	1h30	1h30			2	2	40 %	60 %
Cross-disciplinary Teaching Units						1	1		
CTU3 (O/P)									
1. Foreign language 3: English / French	22h30	1h30	1h30			1	1		100 %
Semester total	382h30	9h00	7h30	3h00	6h00	17	30		

Second year of Bachelor's degree

Fourth semester

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						9	18		
BTU4 (O/P)									
1. Roads and other networks 2	67h30	1h30		3h00		3	6	40 %	60 %
2. Project Studio 4: Road and water network diagnostics and rehabilitation and/or development	90h00				6h00	4	8	100 %	
3. Environmental engineering	45h00	1h30	1h30			2	4	40 %	60 %
Methodological Teaching Units						5	9		
MTU4 (O/P)									
1. Topography 2	22h30		1h30			1	1	40 %	60 %
2. Cartography 2	45h00			3h00		2	4		100 %
3. Information technology and graphics 2	45h00			3h00		2	4		100 %
Discovery Teaching Units						2	2		
DTU4 (O/P)									
1. Soil mechanics 2	45h00	1h30	1h30			2	2	40 %	60 %
Cross-disciplinary Teaching Units						1	1		
CTU4 (O/P)									
1. Foreign language 4: English / French	22h30	1h30				1	1		100 %
Semester total	382h30	6h00	4h30	9h00	6h00	17	30		

Third year of Bachelor's degree

Fifth semester

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						9	18		
BTU5 (O/P)									
1. Roads and other networks 3	67h30	1h30		3h00		3	6	40 %	60 %
2. Project Studio 5: Socio-economic and environmental analysis	90h00				6h00	4	8	100 %	
3. Cities and urban traffic	45h00	1h30	1h30			2	4	40 %	60 %
Methodological Teaching Units						5	9		
MTU5 (O/P)									
1. Management	22h30		1h30			1	1	40 %	60 %
2. Research methodology	45h00			3h00		2	4		100 %
3. Urban green spaces	45h00			3h00		2	4		100 %
Discovery Teaching Units						2	2		
DTU5 (O/P)									
1. Discovery outing / Training	05 days (22h30)					2	2	40 %	60 %
Cross-disciplinary Teaching Units						1	1		
CTU5 (O/P)									
1. Construction technology	22h30	1h30				1	1		100 %
Semester total	382h30	6h00	4h30	9h00	6h00	17	30		

Third year of Bachelor's degree

Sixth semester

Teaching Units	Semester hours	Weekly hours				Coef.	Credits	Assessment mode	
	15 weeks	Courses	Tutorial	Practical	Studio			Continuous	Exam
Basic Teaching Units						9	18		
BTU6 (O/P)									
1. Project Studio 6	90h00				6h00	9	18	100 %	
Methodological Teaching Units						4	9		
MTU6 (O/P)									
1. Geographic Information System (GIS)	67h30	1h30		3h00		4	9	40 %	60 %
Discovery Teaching Units						2	2		
DTU6 (O/P)									
1. Public contracts	45h00	1h30	1h30			2	2	40 %	60 %
Cross-disciplinary Teaching Units						1	1		
CTU6 (O/P)									
1. Ethics and deontology	22h30	1h30				1	1		100 %
Semester total	225h	4h30	1h30	3h00	6h00	16	30		