Information about the training program Geography and Land Use Planning Program Bachelor's Degree in Land Use Planning Department of Geography and Land Use Planning Faculty of Earth Sciences and Architecture

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Program overview: A general description of the program.	The program focuses on several areas: - Theoretical and analytical approach to land use planning - Territorial policies, urban planning, and urban development - Institutional, economic, legal, and social aspects of land use planning - Environment and urban planning practices - Project management and urban planning practices - Acquisition of fundamental concepts - Acquisition of fundamental concepts in geography. - Acquisition of working methods and tools used in geography - Development of urban planning instruments (PDAU, POS), etc.
Curriculum highlights: Key elements of the study program.	 The Land Use Planning degree aims to provide students with theoretical and practical training. Its objectives are: To enable students to master the main concepts of land use planning in their geographical, economic, and social dimensions. To introduce students to various methods and techniques for collecting, processing, and representing geographical data (statistics, cartography, GIS). Provide students with a general education in land use planning and geography. Offer practical training in all disciplines related to land use planning (urban planning, urban development, environment, and operational planning). In detail: This bachelor's degree covers, in the common core (S1 and S2), elements related to physical and rural space and the methods used to analyze them, enabling students to understand the functioning and internal dynamics of the

 earth, and introducing them to reading textual/statistical information, representing it, and visualizing it using the various graphic methods that will be taught to them through the subject of techniques. The core curriculum also traces the history of urbanization and cities, allowing students to familiarize themselves with urban history and understand the mechanisms that led to the formation of cities. This subject provides students from different backgrounds and educational backgrounds with a general understanding of cities and urban planning at the beginning of their bachelor's degree. It offers a general introduction and an overview of the ideas and systems of interpretation in urbanology. Geomorphology, meanwhile, allows students to study landforms and the processes that shape them, generally through erosion, transport, and deposition. This introductory course in geomorphology examines landforms at different spatial scales. The processes that shape and modify the environment will be covered in detail in the second- and third-year courses. The core curriculum allows students to familiarize themselves with geomatics and its applications: (Cartography, Geographic Information Systems (GIS), Computer Science, Aerial and Space Imaging, Geodesy, Topometry, Remote Sensing, Photogrammetry, Mathematics). The duse Planning" specialization begins in the third semester and has many varied objectives depending on the subjects taught in the teaching units: The objective of the Hydrology subject is to study water as a structuring resource of space; analyze the ways in which it is used. Teach students the different methods related to flow calculations and the mapping of surface and groundwater basins. Objective/understanding of the mechanisms that led to the formation of cities (urban history). Demonstrate the place and usefundess of remote sensing in a geographical approach to the territory. Also, provide the theoretical and methodological elements essential t
thematic mapping software. In Semester 4 , the objectives of the subjects taught can be
summarized as follows:
• Understanding the Algerian reality through the space-
society interface: space as an element of social
description, society as an element of geographical explanation.

 Acquiring the methodological foundations necessary
for analyzing the dynamics of physical environments.
Give students the ability to understand an urbanized
space by distinguishing the different spatial entities
that compose it and the functions they perform. This
allows them to analyze the dynamics that result from
allows them to analyze the dynamics that result nom
them.
 Teach students survey techniques, questionnaire
design, and data analysis.
 Take a sociological approach to rural and urban
spaces.
 Inform and raise awareness among students about
the risk of corruption and encourage them to
contribute to the fight against corruption
contribute to the right against corruption.
Semester 5:
- The main objective of this course is to provide students with
a theoretical understanding of all aspects of land use
a checket and an and a standing of an aspects of failud use
understanding spatial organization, acquiring analytical and
design skills, and mastering practical land use planning
techniques.
 Understanding and analyzing land use planning practices
through the study of policies implemented.
- Identifying the institutions responsible for land management
and the tools used to implement policies consolidates
knowledge in this subject.
- Analysis of geographical space, demographic analysis,
planning techniques and practices.
- Present the concepts, methods, and techniques for
approaching territorial functioning as a system and network
- Develop theoretical and applied knowledge in the specific
field of the transport sector in relation to the territory
lightight the interactions within the sector and between it
night the interactions within the sector and between it
and the components of the territory, particularly at the
regional level.
- The workshop aims to promote understanding of a territory
through observation of natural landscapes and different
modes of human occupation and land use.
- GIS Applications follows on from the introductory course
taught in the third semester and enables students to become
more involved in the use of geographic information systems in
land use planning.
- Facilities and Services enables students to understand two
essential components of geographical space, facilities and
services, and to analyze their role in the organization of space
Finally semester 6:
The subject Covernance and Lecal Development sime to
- The subject Governance and Local Development aims to
introduce the concept of governance as applied to territories.
Students learn to understand the importance of governance in
the functioning of local territories, given that the local

	 territory is the most relevant scale for networking the various territorial actors. Risks and Territorial Vulnerability aims to teach students methods for assessing the vulnerability of environments and managing major risks. Teach students methods for identifying and analyzing environmental constraints and raise their awareness of the ecological specificities of each type of ecosystem and techniques for combating pollution. Introduce students to choosing a topic, using appropriate methods, and writing the final project. Teach students to observe, investigate, conduct field surveys, collect the necessary data, and write to complete a mini-project. Introduce students to choosing a topic, using appropriate methods and approaches, and finalizing their project. Understand the location of economic activities at the local, regional, national, and supranational levels; analyze current issues in economic geography and understand the concept of globalization.
Admission information: Details	Scientific baccalaureate
regarding admission	
requirements and procedures.	
Basic training modules: The	
fundamental modules included in	Semester 1.
the program.	Teaching unit: Fundamental Teaching Unit 1
	Analysis of geographical space and land use planning 1
	Teaching unit: Fundamental Teaching Unit 2
	Geology
	Cartographic techniques
	Semester 2:
	Teaching unit: Fundamental Teaching Unit 1
	Analysis of geographical space and land use planning 2
	Teaching unit: Fundamental UE 2
	Urban planning Geomorphology
	Geomorphology
	Semester 3
	Teaching unit: Fundamental UE 1
	Hydrology Biaglimetalogy
	Biociimatology Teaching unit: Fundamental LIF 2
	Cities and regions
	Demographic analysis
	Semester 4
	Cities and regions Demographic analysis Semester 4

	Teaching unit: Fundamental UE 1 Algeria, Space and Society Water and Development Teaching unit: Fundamental Teaching Unit 2 Physical Environments Rural Environments Urban Environments. Semester 5 Teaching unit: Fundamental Teaching Unit 1 Planning Techniques and Practices Land Use Planning Policies Teaching unit: Fundamental Teaching Unit 2 Networks and territory Mobility and transport. Semester 6 Teaching unit: Fundamental Teaching Unit Governance and local development. Activities and organization of space Teaching unit: Fundamental Teaching Unit Risks and territorial vulnerability Environment.
Advanced training modules: Specialized or in-depth modules of the program.	Semester 1: Teaching unit: Methodology Biology Chemistry Mathematics I: Algebra and Analysis Physics 1 Teaching unit: Cross-disciplinary Computer Science 1 Teaching unit: Discovery French Language 1 Semester 2: Teaching unit: Methodology Mathematics 2 Statistics Physics 2 Introduction to Geomatics Teaching unit: Discovery Teaching Unit Computer Science 2 Teaching unit: Cross-disciplinary Teaching Unit Foreign Language Semester 3 Teaching unit: Methodology Teaching Unit Foreign Language Introduction to Geographic Information Systems

	Analysis of Cartographic Documents
	Economics
	Teaching unit: Transversal Teaching Unit
	Language 3 (English).
	Semester 4:
	Teaching unit: Methodology
	Survey techniques
	Field internship
	Teaching unit: Discovery
	Sociology
	leaching unit: Cross-disciplinary
	Ethics and professional conduct
	Foreign language.
	Semester 5:
	Teaching unit: Methodology
	Workshon
	GIS applications
	Teaching unit: Discovery
	Equipment and services.
	Teaching unit: Cross-disciplinary
	Foreign language.
	Semester 6:
	Teaching unit: Methodology
	Research methods
	Field internship
	Teaching unit: Discovery
	Territories and globalization.
Training casts, Casts associated	
with training and mention of any	
additional costs.	
Language of instruction: The	English, French, and Arabic
language in which the course is	
taught.	
Training outline: The plan or	Semester 1:
visual structure of the program	Teaching unit: Fundamental Teaching Unit 1
	Analysis of geographical space and land use planning 1
	Teaching unit: Fundamental Teaching Unit ?
	Geology
	Cartagraphic techniques
	reaching unit: Methodological Teaching Unit
	Biology
	Chemistry
	Mathematics I: Algebra and Analysis

Physics 1		
Teaching unit	Cross-disciplinary Teaching Unit	
Computer Sc	ence 1	
Teaching unit	Discovery	
French Langu	age 1	
0	5	
Semester 2		
Teaching unit	Fundamental 1	
	ographical space and land use planning 2	
	Fundamental 2	
Geomorpholo	gy	
leaching unit	Methodology	
Mathematics	2 Statistics	
Physics 2		
Introduction	o Geomatics	
Teaching unit	Discovery Teaching Unit	
Computer Sc	ence 2	
Teaching unit	Cross-disciplinary Teaching Unit	
Foreign Lang	age.	
Semester 3:		
Teaching unit	Fundamental Teaching Unit 1	
Hydrology		
Bioclimatolog	ý	
Teaching unit	Fundamental Teaching Unit 2	
Cities and Re	ions	
Demographic	Analysis	
Teaching unit	Methodology	
Remote Sens	ng	
Introduction	o Geographic Information Systems	
	rtographic Documents	
Economics		
	Cross dissiplinant	
Language 3 (I	nglish).	
Semester 4		
leaching unit	Fundamental 1	
Algeria, Space	and Society	
Water and De	velopment	
Teaching unit	Fundamental Teaching Unit 2	
Physical Envi	onments	
Rural Environ	nents	
Urban Enviro	iments	
Teaching unit Physical Envir Rural Environ Urban Enviro	Fundamental Teaching Unit 2 onments ments iments	

	Teaching unit: Methodology Teaching Unit
	Survey Techniques
	Field Internship
	Teaching unit: Discovery Teaching Unit
	Sociology
	Teaching unit: Cross-disciplinary Teaching Unit
	Ethics and Professional Conduct
	Foreign Language.
	Semester 5
	Teaching unit: Fundamental UE 1
	Planning techniques and practices
	Land use planning policies
	Teaching unit: Fundamental UE 2
	Networks and territory
	Mobility and transport
	Teaching unit: Methodological UE
	Workshop
	GIS applications
	Teaching unit: Discovery UE
	Facilities and services.
	Teaching unit: Transversal teaching unit
	Foreign language.
	Semester 6
	Teaching unit: Fundamental teaching unit
	Governance and local development.
	Activities and spatial organization
	Teaching unit: Fundamental teaching unit
	Risks and territorial vulnerability
	Environment
	Teaching unit: Methodological teaching unit
	Research methods
	Field internship
	Teaching unit: Discovery teaching unit
	Territories and globalization.
	https://www.univ-oeb.dz/fr/faculte-des-sciences-de-la-
Link to the program on the	terre-et-de-larchitecture/
university website	

svp insérer le Canvas de la formation : Le plan ou la structure visuelle du programme

Annexe de l'arrêté nº447 du 30

3 0 MARS 2022

Fixant le programme des enseignements

en vue de l'obtention du diplôme de Licence dans le domaine « Sciences de la Terre et de l'Univers», filière «Géographie et Aménagement du Territoire» spécialité « Aménagement du territoire»



Semestre 1

Unité		its	ients	Volume horaire hebdomadaire			VHS		Mode d'évaluation	
d'enseignement	Intitulé des matières	Créd	Coeffici	Cours	TD	тр	(15 semaines)	Autre*	Mode d'ét Contrôle Continu 40% 40% 40% 40% 40% 40%	Examen
UE Fondamentale Code : UEF1.1.1 Crédits : 8 Coefficients : 4	Analyse de l'espace géographique et aménagement du territoire 1	8	4	3H00		3h00	90h00	45h00	40%	60%
UE Fondamentale	Géologie générale	4	2	1h30	× .	1h30	45h00	45h00	40%	60%
Code : UEF 1.1.2 Crédits : 8 Coefficients : 4	Techniques cartographiques	4	2	1h30	*	1h30	45h00	45h00	40%	60%
	Biologie	3	2	1h30	1h30		45h00	45h00	40%	60%
Code : UEM 1.1	Chimie	2	2	1h30		1h30	45h00	45h00	40%	60%
Crédits : 10	Mathématiques 1: Analyse mathématique	3	2	1h30	1h30		45h00	45h00	40%	60%
Coefficients : 8	Physique 1	2	2	1h30	1h30		45h00	45h00	40%	60%
UE Découverte Code : UED 1.1 Crédits : 2 Coefficients : 2	Informatique 1	2	2	1h30	-		22h30	45h00		100%
UE Transversale Code : UET 1.1 Crédits : 2 Coefficients : 1	Langue française 1	2	1	1h30	-	•	22h30	45h00		100%
and the second	Total semestre 1	30	19	15h00	4h30	7h30	405h00	405h00		-

Autre* = Travail complémentaire en consultation semestrielle ; CC* = Contrôle continu.

Annexe de l'arrêté nº441 du

3 0 MARS 2022

Fixant le programme des enseignements

en vue de l'obtention du diplôme de Licence dans le domaine « Sciences de la Terre et de l'Univers», filière «Géographie et Aménagement du Territoire» spécialité « Aménagement du territoire»



Semestre 2

Unités		dits	cients	Volume horaire Hebdomadaire			VHS	Autro*	Mode d'évaluation	
d'enseignement	Intitulé des matières	Cré	Coeff	Cours	TD	ТР	(15 semaines)		M d'éva CC* 40% 40% 40% 40% 40%	Examen
UE Fondamentale Code : UEF 1.2.1 Crédits : 8 Coefficients : 4	Analyse de l'espace géographique et aménagement du territoire 2	8	4	3h00	-	3h00	90h00	45h00	40%	60%
UE Fondamentale	Urbanisme	5	3	1h30	1h30	3	45h00	45h00	40%	60%
Crédits : 9 Coefficients : 6	géomorphologie	4	3	1h30	2	3h00	45h00	45h00	40%	60%
UE Méthodologique	Mathématique 2 : Statistiques	3	2	1h30	1h30	1.34	45h00	45h00	40%	60%
Code : UEM 1.2	Physique 2	3	2	1h30	1h30	84	45h00	45h00	40%	60%
Coefficients : 6	Introduction à la géomatique	3	2	1h30	1h30		45h00	45h00	40%	60%
UE Découverte Code : UED 1.2 Crédits : 2 Coefficients : 2	Informatique 2	2	2	1h30	-	14	22h30	45h00	-	100%
UE Transversale Code : UET 1.2 Crédits : 2 Coefficients : 2	Langues étrangères 2	2	2	1h30	2	-	22h30	45h00		100%
	Total Semestre 2	30	20	13h30	6h00	6h00	360h00	360h00		

Autre* = Travail complémentaire en consultation semestrielle ; CC = Contrôle continu

3 0 MARS 2022 Annexe de l'arrêté n%/41 du

Fixant le programme des enseignements en vue de l'obtention du diplôme de Licence dans le domaine « Sciences de la Terre et de l'Univers», filière «Géographie et Aménagement du Territoire» spécialité « Aménagement du territoire»

Semestre 3

Unités d'enseignement	Intitulé des matières		fficients	Volu Heb	me hora domadai	ire re	VHS (15 semaines)	Autre*	Mode d'évaluation	
		0	Coe	Cours	TD	TP	(15 seriumes)		CC*	Examen
UE Fondamentale	Hydrologie	5	3	1h30	1h30	-	45h00	45h00	40%	60%
Crédits : 09 Coefficients: 06	Bioclimatologie	4	3	1h30	1h30	-	45h00	45h00	40%	60%
UE Fondamentale Code : UEF 2.1.2	Villes et régions	4	2	1h30	1h30		45h00	1.20	40%	60%
Crédits : 8 Coefficients : 4	Analyse démographique	4	2	1h30	1h30	- 27	45h00	45h00	40%	60%
UE Méthodologique Code : UEM 2.1	Télédétection	5	2	1h30	1	1h30	45h00	1	40%	60%
Crédits : 9 Coefficients: 4	Introduction aux Systèmes d'Information Géographique	4	2	1h30		1h30	45h00	45h00	40%	60%
UE Découverte Code : UED 2.1	Analyse des documents cartographique	2	2	1h30	1h30	4	45h00	45h00	40%	60%
Crédits : 3 Coefficients : 3	Economie	1	1	1h30			22h30	45h00		100%
U E Transversale Code : UET 2.1 Crédits : 1 Coefficients :1	Langue 3	1	1	1h30	(*)		22h30	45h00	(*	100%
	Total Semestre 3	30	18	13h30	7h30	3h00	360h00	315h00	1 (4)	Cart and

Autre* = Travail o aire en consultation semestrielle ; CC* = Contrôle continu.

Annexe de l'arrêté n°447 du 30 MARS 2022

Fixant le programme des enseignements

en vue de l'obtention du diplôme de Licence dans le domaine « Sciences de la Terre et de l'Univers», filière «Géographie et Aménagement du Territoire» spécialité « Aménagement du territoire»

Semestre 4

Semestre 5

Unités d'enseignement		dits	ients	Volu Heb	me hora domadai	ire ire	VHS	Autre*	Mode d'évaluation	
	Intitule des matières	Créc	Coeffic	Cours	TD	TP	(15 semaines)		CC*	Examen
UE Fondamentale Code : UEF 2.2.1	Algérie : Espace et société	4	2	1h30	1h30	-	45h00	45h00	40%	60%
Crédits : 8 Coefficients: 4	Eau et développement	4	2	1h30	1h30	-	45h00	45h00	40%	60%
UE Fondamentale	Milieux physiques	4	2	1h30	1h30		45h00	45h00	40%	60%
Code : UEF 2.2.2	Milleux rural	4	2	1h30	1h30	-	45h00	45h00	40%	60%
Coefficients : 6	Milleux urbain	4	2	1h30	1h30	4	45h00	45h00	40%	60%
UE Méthodologique Code : UEM 2.2	Techniques d'enquêtes	3	2	1h30	1h30	- e	45h00	45h00	40%	60%
Crédits : 7 Coefficients: 4	Stage de terrain	4	2	-	-	4	40h00	-	100%	8 4 8
UE Découverte Code : UED 2.2 Crédits : 1 Coefficients: 1	Sociologie	1	1	1h30	-		22h30	22h30		100%
UE Transversale Code : UET 2.2	Ethique et déontologie	1	1	1h30	2 4 2	2	22h30	22h30	1000	100%
Crédits : 2 Coefficients:2	Langue étrangère	1	1	1h30		-	22h30	22h30	- /	100%
Marshall and the second	Total Semestre 4	30	17	13h30	9h00	00h00	377h30	337h30		12

Autre* = Travail complémentaire en consultation semestrielle ; CC = Contrôle continu.

Annexe de l'arrêté nº447 du 3 D MARS 2022

Fixant le programme des enseignements

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Unités d'enseignement	Intitulé des matières	Crédits	Coefficients	Volume horaire hebdomadaire			VHS (15 semaines)	Autre*	Mode d'évaluation	
				Cours	TD	TP			CC*	Examen
UE Fondamentale Code: UEF 3.1.1 Crédits: 9 Coefficients: 5	Techniques et pratiques de l'aménagement	5	3	1h30	÷	3h00	67h30	45h00	40%	60%
	Politiques d'aménagement du territoire	4	2	1h30	1h30		45h00	45h00	40%	60%
UE Fondamentale Code : UEM 3.1.2 Crédits :8 Coefficients: 4	Réseaux et territoire	4	2	1h30	1h30	1.2	45h00	45h00	40%	60%
	Mobilité et transports	4	2	1h30	1h30		45h00	45h00	40%	60%
UE Méthodologique Code : UEM 3.1 Crédits : 8 Coefficients: 4	Atelier	4	2	-		3h00	45h00	45h00	100%	-
	Applications des SIG	4	2	1h30	1h30		45h00	45h00	40%	60%
UE Découverte Code : UED 3.1 Crédits :4 Coefficients :2	Equipements et services	4	2	1h30	1h30	-	45h00	45h00	40%	60%
JE Transversale Code : UET 3.1 Crédits : 1 Coefficients :1	Langue étrangère	1	1	1h30	-		22h30	45h00	2	100%
Total Semestre 5		30	16	10h30	7h30	6h00	360h00	360h00	1	200

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Fixant le programme des enseignements en vue de l'obtention du diplôme de Licence dans le domaine « Sciences de la Terre et de l'Univers»,

filière «Géographie et Aménagement du Territoire» spécialité « Aménagement du territoire»

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		-			S .	•

Unités d'enseignement	Intitulé des matières	Crédits	Coefficients	Volume horaire hebdomadaire			VHS (15 semaines)	Autre*	Mode d'évaluation	
				Cours	TD	TP	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		CC*	Examen
UE Fondamentale Code: UEF 3.2 Crédits: 8 Coefficients: 4	Gouvernance et développement local	4	2	1h30	3h00	-	45h00	45h00	40%	60%
	Activités et organisation de l'espace	4	2	1h30	1h30		45h00	45h00	40%	60%
UE Fondamentale Code: UEF 3.2 Crédits: 8 Coefficients:4	Risques et vulnérabilité territoriale	4	z	1h30	1h30	-	45h00	45h00	40%	60%
	Environnement	4	2	1h30	1h30	-	45h00	45h00	40%	60%
UE Méthodologique Code : UEM 3.2 Crédits :12 Coefficients:4	Méthodes de recherche	2	1	1h30	-	-	22h30	45h00	- 4	100%
	Stage de terrain	10	3		5	-	45h00	45h00	100%	-
UE Découverte Code : UED 3.2 Crédits :2 Coefficients :1	Territoires et mondialisation	2	1	1h30	2	3	22h30	45h00		100%
Total Semestre 6		30	13	9h00	6h00		270h00	315h00	1	(They