



Popular Democratic of Algeria
Ministry of Higher Education and Scientific Research
Abbes Laghrou University Khenchela



Studies identity sheet

Domain : Natural and life sciences

branch: Ecology and environment

Speciality : Ecology and environment

Cycle: (Bachelor, Master, Doctorate)

Type: Academic

Attachment structure: (Faculty Natural and life sciences)

1. Context:

In this part the overall configuration of the training is presented. It is a question of highlighting the position of the training in an overall scheme with: identification of the conditions of admissibility to the training, gateway to other courses, maximum reception capacity (60 maximum).

2. Conditions of access :

Have a general baccalaureate average greater than or equal to 10/20 to participate in the ranking. The series of concerned are:

Bachelor's degree in experimental sciences

Bachelor in Mathematics

3. objectives:

The objective of this license is to train diplomas in ecology and environment who will be able to put in place the tools of identification, characterization and management of the environment. This sector is in correspondence with the existing skills in the Institute of Biology of the University of Khenchela and is consistent with the ecological characteristics of the

4. Profiles and skills targeted:

We aim through this training to train students capable of carrying out research, surveys and studies in a high-level multidisciplinary field. A discipline of synthesis at the crossroads of various disciplines in biology, the lessons that will be provided will aim to meet the

requirements of basic and applied research in the natural and life sciences, as well as the concerns of the economic sector and local communities.

5. Regional and national employability potential

Gateways to other specialties : Various sectors relating to forests and national parks, as well as municipal hygiene services, wastewater treatment plants and health and safety services of economic enterprises.

6- Gateways to other specialties:

The various practical and lecture courses are designed to allow the integration of students in all the specialties that may be considered in the Master.

This training will allow students, after ranking on the basis of the results obtained during the first six semesters of study, to continue their studies in a Master's degree.

- Management of Protected Ecological Systems
- Environmental management and protection
- Urban ecology
- Master in ecology and environment from other Algerian universities.

7. Training Partners : - Conservation of Wilaya of Khenchela forests

- Khenchela wastewater treatment plant
- DSA Wilaya of Khenchela
- Department of the environment

8. Semester organization of lessons (one table per semester)

Teaching units	Study hours per week				
	14-16 weeks.	courses	tutorials	practical courses	Other
Topic 1 : Bioclimatology		45h00	1h30	1h30	55h
Topic 2: Ecopedology		67h30	3h00	1h30	82h30
Topic 3 : Géomorphology		22h30	1h30	-	27h30
EU3 3.1.2(O/P) Pathology of écosystèm					
Topic 1: Environmental Pollution		45h00	1h30	1h30	55h
Topic 2: Analysis and protection of the environment		45h00	1h30		27h30
EUM (O/P)					
Topic 1 Sampling techniques		37h30	1h30	1h	20h30
Topic 2: general ecotoxicologist		67h30	1h30		3h00

EUF 3.2.1(O/P)Ecology of populations and communities					
1: Biology of populations and organisms	67h30	3h00	1h30	-	82h30
2 : Biogéography	67h30	3h00	1h30	-	82h30
Biodiversity and Global Change	45h	1h30	1h30	-	55h00
Conservation and sustainable development	22h30	1h30	-	-	27h30
UE méthodologie					
UEM1 (O/P)					
systematic botany	37h30	1h30	1h30h		37h30
UEM2 (O/P)					
Cartography	45h	1h30		1h30	30h

EUD (O/P)					
Topic:plant ecophysiology	45h00	1h30		3h00	5h
UE Transversale (O/P)					
Matière : Bioéconomie	22h30	1h30			2h30
Total Semestre 5	375h				375h
Matière : Bioéconomie	22h30	1h30			2h30
Total Semester 5	375h				375h

EUD (O/P)					
Water and soil conservation	45h	1h30	-	-	30h
EUT (O/P)					
Environmental regulations and law	45h	1h30	-	-	30h
Total Semester 6	375h				375h

9. Evaluation method

Examination plus continuous monitoring