

**PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA****MINISTRY OF HIGHER EDUCATION  
AND SCIENTIFIC RESEARCH****Amendment  
TRAINING OFFER  
LMD License  
Academic****(After compliance)**

<b>Establishment</b>	<b>Faculty / Institute</b>	<b>Department</b>
<b>Hassiba Benbouali University of Chlef</b>	<b>Natural and life sciences</b>	<b>Agricultural Sciences</b>

<b>Domain</b>	<b>Sector</b>	<b>Speciality</b>
<b>Natural and life sciences</b>	<b>Agricultural Sciences</b>	<b>FORESTRY</b>

## **1 - Location of the training:**

**Faculty (or Institute):** Natural and Life Sciences (SNV)

**Department :** Agricultural Sciences

**References of the license authorization order:** decree no. 1606 of October 6, 2016  
(attach a copy of the order) /

2- External partners

- Other partner establishments:

Forest conservation

National Institute of Forest Research (INRF)

EMIFOR

Environmental services of the wilaya

- Companies and other socio-economic partners:

**A – General organization of the training: position of the project**(Required field)

*If several licenses are offered or already supported at the establishment level (same training team or other training teams), indicate in the following diagram the position of this project in relation to the other courses*

3 – Context and objectives of the training

**A – General organization of the training: position of the project**(Required field)

*If several licenses are offered or already supported at the establishment level (same training team or other training teams), indicate in the following diagram the position of this project in relation to the other courses*

## **4-Training objectives**

This specialty is part of the training of licensed executives, capable of taking charge and managing, in collaboration with existing structures (forest conservation, National Institute of Forest Research INRF, Environment and Ecology Services, Forest Production Nurseries, etc.), forest ecosystems both in terms of protection through the mastery of means of combating: tree diseases caused in particular by insects, pathogenic fungi and others, fires and anthropogenic causes. Forest production (economic) is also one of the objectives of this training, namely the mastery of silvicultural and forest management techniques and methods, exploitation methods and other techniques for using the forest, and the protection of all biological biodiversity with a significant number of natural species already existing (Aleppo Pine, Barbary Thuja, Atlas Cedar, Cork Oak, Maritime Pine, etc.) and all herbaceous and shrubby species.

**C – Profiles and skills targeted**(Required field) (maximum 20 lines):

This training meets a wide range of needs:

1- At the level of public or private local authorities:-Local authorities: General councils, municipalities, inter-municipal authorities, technical services, forestry departments,

-Public structures, environment, INRF, EMIFOR, Forest Conservation, Forest Nurseries, etc.

-Landscape and environmental design offices

-Nurseries and plant production.

2- In the fields of research in research structures such as laboratories at the level of universities or Agronomic and Forestry research institutes (INRA and INRF) through the development of techniques for studying genetic diversity for conservation, in vitro culture to overcome the difficulties of regeneration for example, means of biological control and others etc....

3-In the field of production, therefore for the economic aspect, of wood and its derivatives, cork and paper pulp and other non-wood forest products.

Holders of the Forestry degree will be able to enter the following fields of activity:

-Forestry (Forest management, Silviculture,)

- Nursery Management forestry production (forest plants, resource conservation, reforestation, etc.)

-Study and expertise office (Topography, GIS, soil properties, etc.)

-Land use planning

-Scientific research (conservation such as in vitro culture, seed production, genetic improvement, etc.)

-Forest protection (means of control, conservation method, etc.)

-Environment and Ecology

-Management of plantations, reforestation and green spaces.

-Management of urban and peri-urban forests.

#### **D – Regional and national employability potential**(Required field)

- Local authorities: General councils, municipalities, inter-municipal authorities, technical services, forestry departments,

- Public structures, environment, INRF, INRA, Forest Conservation, etc.

- Landscape and environmental design offices

Nurseries and plant production

#### **E – Gateways to other specialties**(Required field)

- Microbial and plant biotechnology

- Ecology and environment

- Environmental Sciences

- Plant protection

- Landscaping

- Development and management of green spaces

- Agro-ecology

**F – Expected performance indicators of the training**(Required field)

(Viability criteria, success rate, employability, monitoring of graduates, skills achieved, etc.)

The teaching team relies on a coherent whole based on the synergy of scientific know-how, technical resources, experience in the field of research and teaching throughout the training. Continuous assessment of students, ongoing support during internships and the estimation of the number of graduates in relation to the total number of students enrolled constitute indicators, which will be regularly reported, testifying to the effectiveness of the actions which contribute, themselves, to the achievement of the overall strategic objectives.



**Half 5:**

Teaching Unit	VHS	VHweekly				Coefficient	Credits	Fashiondevaluation	
	15week	C	TD	TP	Others			Continuous(40%)	Exam(60%)
EUfundamentals									
UEF 3.1.1(O/P)									
Subject 1:General forestry	67h30	3h00	1h30		67h30	3	6	40%	60%
Matter 2 : Forest ecology	45h00	1h30	-	1h30	55h00	2	4	40%	60%
UEF 3.1.2(O/P)									
Matter 1 :Dendrometry	45h00	1h30	1h30	-	55h00	2	4	40%	60%
Matter 2 : Forest pedology	45h00	1h30	-	1h30	55h00	2	4	40%	60%
EUmethodology									
EMU1(O/P)									
Subject 1: Cartography – Topography	60h00	1h30	1 hour	1h30	65h00	3	5	40%	60%
EMU2(O/P)									
Subject 2: Statistics-Experimentation	45h00	1h30	1h30		55h00	2	4	40%	60%
EUdiscovery									
UED1(O/P)									
Subject 2: Dendrology	45h00	1h30	1h30		5:00 a.m.	2	2	40%	60%
EUtransverse									
UET1(O/P)									
Subject 2: Scientific English		1h30			2h30	1	1		100%
<b>Total Half5</b>	<b>375 hours</b>	1h30.	6h00.	5h30.	<b>375 hours</b>	<b>17</b>	<b>30</b>		

**Half 6:**

Teaching Unit	VHS	VHweekly				Coefficient	Credits	Fashiondevaluation	
	15week	C	TD	TP	Others			Continuous(40%)	Exam(60%)
<b>EUfundamentals</b>									
<b>UEF 3.2.1(O/P)</b>									
<b>Matter 1 : Forest management</b>	45h00	1h30	1h30	-	55h00	2	4	40%	60%
<b>Matter 2 : Wood technology</b>	45h00	1h30		1h30	55h00	2	4	40%	60%
<b>Matter 3 : Economy and legislation forestry</b>	10:30 p.m.	1h30		-	27:30	1	2	40%	60%
<b>UEF 3.2.2(O/P)</b>									
<b>Matter 1 : Forest Defense against fires</b>	45h00	1h30	-	1h30*	55h00	2	4	40%	60%
<b>Subject 2: Forest protection</b>	45h00	1h30		1h30	55h00	2	4	40%	60%
<b>EU methodology</b>									
<b>EMU1(O/P)</b>									
<b>Subject 1: Geographic Information System (GIS)</b>	60h00	1h30	1 hour	1h30	65h00	3	5	40%	60%
<b>EMU2(O/P)</b>									
<b>Subject 2: Forest genetics</b>	45 hours	1h30	1h30		55h00	2	3	<b>40%</b>	<b>60%</b>
<b>EUdiscovery</b>									
<b>UED1(O/P) Hydrology</b>	45h00	1h30	1h30		5:00 a.m.	2	2	<b>40%</b>	<b>60%</b>
<b>EUtransverse</b>									
<b>UET1(O/P)</b>									
<b>Subject 1: Entrepreneurship</b>	10:30 p.m.	1h30			2h30	1	1	-	100%
<b>Total Half6</b>	<b>375 hours</b>				<b>375 hours</b>	<b>17</b>	<b>30</b>		

\*educational outing

