

**People's Democratic Republic of Algeria
Ministry of Higher Education and Science**

Hassiba Benbouali University of Chlef



Training offer

L.M.D

Academic degree

Institution	Faculty	Department
Hassiba Benbouali University of Chlef	Faculty of nature and life sciences	Water, Environment and Sustainable Development

Field: Nature and Life Sciences

Field: Ecology and environment

Speciality: ecology and environment

II – Semi-annual organizational sheet of the specialty's teachings

Semester 1
Common Base «Nature and Life Sciences»

Teaching units			Credits	Coefficients	Hourly volume weekly			HVW (weeks 15)	Other	Mode of evaluation			
	Code	Entitled			Course	TD	TP			Continuous (40%)		Exam (60%)	
U E Fondamental Code : UEF 1.1	F 1.1.1	General and organic chemistry	6	3	1h30	1h30	1h30	67h30	60h00	x	40%	x	60%
	F 1.1.2	Cell biology	9	4	1h30	1h30	3h00	90h	90h00	x	40%	x	60%
U E Methodology Code : UEM 1.1	M 1.1.1	Mathematical Statistics Computer	5	2	1h30	1h30	-	45h00	60h00	x	40%	x	60%
	M 1.1.2	Communication and Expression Techniques 1 (in French)	3	2	1h30	1h30	-	45h00	45h00	x	40%	x	60%
U E Discovery Code : UED 1.1	D 1.1.1	Geology	5	3	1h30	-	3h00	67h30	60h00	x	40%	x	60%
U E Transversal Code : UET 1.1	T 1.1.1	Universal History of the Biological Sciences	2	1	1h30	-	-	22h30	45h00	x			
Total Semester 1			30	15	9h00	6h00	7h30	337h30	360h				

Semester 2

Teaching units			Credits	Coefficients	H.V weekly			HVW (15 weeks)	Other	Mode of evaluation			
	Code	Entitled			Course	TP	TP			Continuous (40%)		Exam (60%)	
U E Fondamental Code : UEF 2.1	F 2.1.1	Thermodynamics and chemistry of solutions	6	3	1h30	1h30	1h30	67h30	60h	x	40 %	x	60 %
	F 2.1.2	Plant Biology	8	3	1h30	-	3h00	67h30	90h	x	40 %	x	60 %
	F 2.1.3	Animal Biology	8	3	1h30	-	3h00	67h30	90h	x	40 %	x	60 %
U E Methodology Code : UEM 2.1	M 2.1.1	Physical	4	2	1h30	1h30	--	45h00	45h	x	40 %	x	60 %
	M 2.1.2	Communication and Expression Techniques 2 (in English)	2	2	1h30	1h30	-	45h00	45h	x	40 %	x	60 %
U E Transversal Code : UET 2.1	T 2.1.1	Working methods	2	1	1h30	-	-	22h30	25h	x			
Total Semester 2			30	14	10h30	4h30	7h30	315h	355h				

Semester 3

Teaching units	Entitled	Credits	Coefficients	H.V weekly			HVW (15 weeks)	Other	Mode of evaluation			
				Course	TD	TP			Continuous (40%)		Exam (60%)	
U E Fondamental Code : UEF 2.1.1	Zoology	8	3	2 x 1h30	1h30	1h30	90h00	45h00	x	40%	x	60%
U E Fondamental Code : UEF 2.1.2	Biochemistry	8	3	2 x 1h30	1h30	1h30	90h00	45h00	x	40%	x	60%
	Genetic	8	3	2 x 1h30	2 x 1h30	-	90h00	45h00	x	40%	x	60%
U E Methodology Code : UEM 2.1.1	Communication and Expression Techniques (in English)	2	1	1h30	-	-	22h30	20h00			x	100%
U E Methodology Code : UEM 2.1.2	Working methods	2	1	1h30	-	-	22h30	20h00			x	100%
U E Discovery Code : UED 2.1.1	Biophysics	2	2	1h30	1h30	1h30	67h30	10h00	x	40%	x	60%
Total Semester 3		30	13	13h30	7h30	4h30	382h30	185h				

Semester 4

Teaching units	Entitled	Credits	Coefficients	H.V weekly			HVW (15 weeks)	Other	Mode of evaluation			
				Course	TD	TP			Continuous (40%)		Exam (60%)	
U E Fondamental Code : UEF 2.2.1	Botany	8	3	2 x 1h30	1h30	1h30	90h00	45h	x	40%	x	60%
U E Fondamental Code : UEF 2.2.2	Microbiology	8	3	2 x 1h30	1h30	1h30	90h00	45h	x	40%	x	60%
	Immunology	6	2	1h30	1h30	-	45h00	37h	x	40%	x	60%
U E Methodology Code : UEM 2.2.1	General Ecology	4	2	1h30	1h30	1h30	67h30	20h	x	40%	x	60%
U E Methodology Code : UEM 2.2.2	Biostatistics	4	2	1h30	1h30	-	45h00	37h	x	40%	x	60%
Total Semester 4		30	12	10h30	7h30	4h30	337h30	184h				

Semester 5

Teaching Unit	HVS	H.V weekly				Coeff	Credits	Mode of evaluation	
	14-16 weeks	C	TD	TP	other			Continuous (40%)	Exam (60%)
EU fundamental						11	18		
UEF 3.1.1 Mesology (Characterization of the medium)	135h00	6h00	3h00				10		
Subject 1: Bioclimatology	45h00	1h30	1h30			2	4	X	X
Material 2: Ecopédologie	67h30	3h00	1h30			2	4	X	X
Subject 3: Geomorphology	22h30	1h30	-			1	2	X	X
UEF 3.1.2 Pathologies of ecosystems	90h00	3h00	3h00				8		
Subject 1: Environmental pollution	45h00	1h30	1h30			3	4	X	X
Subject 2: Environmental analysis and protection	45h00	1h30	1h30			3	4	X	X
UEIN1 methodology	90h00	3h00	3h00			4	8		
Subject 1: Methods for the study of populations and stands	45h00	1h30	1h30		45h00	2	4	X	X
Subject 2: Biostatistics	45h00	1h30	1h30			2	4	X	X
UED1 discovery	22h30	1h30				1	2		
Subject 1: Bioeconomy and legislation	22h30	1h30				1	2	X	X
UET1 transversal	22h30	1h30				1	2		
Subject 1: English	22h30	1h30				1	2	X	X
Total Semester 5	360h	15h00	9h00		45h	17	30		

*Field Exit

Semester 6

Teaching Unit	HVS	H.V weekly				Coeff	Credits	Mode of evaluation	
	14-16 weeks	C	TD	TP	personal work			Continuous (40%)	Exam (60%)
EU fundamental						14	24		
UEF 3.2.1: Population and community ecology	202h30	9h00	4h30						
Subject 1: Biology of Populations and Organisms	67h30	3h00	1h30	-		4	7	X	X
Subject 2: Biogeography	67h30	3h00	1h30	-		4	7	X	X
Subject 3: Biodiversity and global change	45h00	1h30	1h30	-		2	4	X	X
Subject 4: Conservation and sustainable development	22h30	1h30	-	-		2	4	X	X
UEF2: Geographic Information System	45h00	1h30		1h30		2	2		
Subject 1: Cartography	45h00	1h30		1h30		2	2	X	X
UEM1 methodology	45h00	1h30	1h30			2	3		
Subject 1: Taxonomy	45h00	1h30	1h30			2	3	X	X
UED1 discovery	45h00	1h30		1h30		1	2		
Subject 1: Ecophysiology	45h00	1h30		1h30		1	2	X	X
UET1 transversal	22h30					1	1		
Subject 1: Mini projects	22h30	1h30			45h	1	1		X
Total Semester 6	360h00	13h30	6h00	3h00		18	30		

Overall summary of training: (indicate the separate global VH in progress, TD, TP... for the 06 teaching semesters, for the different types of UE)

HV \ UE	UEF	UEM	UED	UET	Total
Course	652.5	292.5	90	90	1125
TD	405	292.5	22.5	-	720
TP	292.5	22.5	90	-	405
Personal work	642	342.5	77.5	92.5	1154.5
Field exit		45			45
Total	1992	995	280	182.5	3449.5
Credits	125	37	11	7	180
% in credits for each EU	69.44%	20.56 %	6.11%	3.89%	100%