

Democratic and People's Republic of Algeria
Ministry of Higher Education and Scientific Research
Hassiba Benbouali University – Chlef



Academic offer
License Degree
In
Soil and Water

Etablissement	Faculté / Institut	Département
Hassiba Benbouali University	Natural and Life Sciences	Agronomic Sciences

Field	Subject	Specialty
Natural and life sciences	Agronomic Sciences	Soil and Water

Academic year: 2025/2026

specialty “ Soil - Water ”
Semester 05

Teaching Unit	Semes trial HV	HV Weekly				coefficient s	Credits	Evaluation	
	15 weeks	Course	Directed Work	Practical Work	Student Individual Work			Continuous	Exam
Basic Teaching Unit									
BTU1						09	18		
Teaching subjects 1: General soil science	67h30	03h00		01h30	82h30	03	06	40%	60%
Teaching subjects 2: Soil mapping	45h00	01h30	01h30	-	55h00	02	04	40%	60%
Teaching subjects 3: Hydrogeology	45h00	01h30	01h30	-	55h00	02	04	40%	60%
Teaching subjects 4: Hydrology	45h00	01h30	01h30	-	55h00	02	04	40%	60%
Methodological Teaching Unit									
MTU1						05	09		
Teaching subjects 1: Applied Soil-Water Statistics & AI	60h00	03h00	-	01h00	65h00	03	05	40%	60%
Teaching subjects 2: Soil-Plant-Atmosphere-Continuum	45h00	01h30	-	01h30	55h00	02	04	40%	60%
Discovery Teaching Unit									
DTU1						02	02		
Teaching subjects 1: General agroclimatology	45h00	01h30	01h30	-	05h00	02	02	40%	60%
Transversal Teaching Unit									
TTU1						01	01		
Teaching subjects 1: Scientific English	22h30	01h30	-	-	02h30	01	01	-	100%
Total Semester 05	375h	16h30	06h00	02h30	375h	17	30		

Specialty “ Soil - Water ”
Semester 06

Teaching Unit	Semestrial HV	HV Weekly				coefficients	Credits	Evaluation	
	15 weeks	Course	Directed Work	Practical Work	Student Individual Work			Continuous	Exam
Basic Education Unit									
BTU1						09	18		
Teaching subjects 1: General hydraulics	67h30	03h00	01h30	-	82h30	03	06	40%	60%
Teaching subjects 2: Irrigation & Drainage	67h30	01h30	01h30	01h30	82h30	03	06	40%	60%
BTU1									
Teaching subjects 3: Soil conservation	67h30	03h00	01h30	01h30	82h30	03	06	40%	60%
Methodological Teaching Unit									
MTU1						05	09		
Teaching subjects 1: Geomatics	60h00	03h00	-	01h00	65h00	03	05	40%	60%
Teaching subjects 2: Modern irrigation and fertigation techniques	45h00	01h30	-	01h30	55h00	02	04	40%	60%
Discovery Teaching Unit									
DTU1						02	02		
Teaching subjects 1: Precision agriculture	45h00	01h30	01h30	-	05h00	02	02	40%	60%
Transversal Teaching Unit									
TTU1						01	01		
Teaching subjects 1: Entrepreneurship	22h30	01h30	-	-	02h30	01	01	-	100%
Total Semester 06	375h	16h30	06h00	02h30	375h	17	30		