



SAAD DAHLEB UNIVERSITY — BLIDA 1
FACULTY OF NATURAL AND LIFE SCIENCES

Department of Biotechnology and Agroecology

TIMETABLE

Semester 1

ACADEMIC YEAR 2026 – 2027

Bachelor's Degree • Master 1 • Master 2

BACHELOR'S DEGREE

9 specializations

- Plant Biotechnology and Breeding
 - Biotechnology and Health
 - Microbial Biotechnology
 - Plant Production
 - Animal Production
 - Plant Protection
 - Forest Sciences
- Ecology and Environment
 - Soil and Water

Specialization: Plant Biotechnology and Breeding

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday Lecture theatre 2	plant physiology and biochemistry Practical Work Practical Work (TP) Dr HAMIDI Physiology Lab	Soil and the fundamentals of plant fertilization Pr ZOUAOUI	Biochemistry of secondary metabolites Pr MOUMENE	Biochemistry of secondary metabolites Practical Work Pr MOUMEN Botany Lab		French Pr KEBOUR online
Monday	Day reserved for field trips and other educational activities.					
Tuesday	Plant physiology and biochemistry Dr HAMIDI Lecture theatre 2	Plant propagation Pr KEBOUR Lecture theatre 4	Genome evolution and diversity of cultivated plants Dr BOUKERMA Lecture theatre 4	Biostatistics in a hybrid format Pr KEBOUR Lecture theatre 4	Biostatistics tutorial Pr KEBOUR Lecture theatre 4	
Wednesday		Quantitative genetics and population dynamics tutorial Lecture theatre 7	Genome evolution and diversity of cultivated plants tutorial Dr BOUKERMA Lecture theatre 7	Quantitative genetics and population dynamics Lecture theatre 7		Free and open-source software Dr ABDELHUSSEIN Online
Thursday	Plant propagation Practical Work Pr KEBOUR Physiology Labo	Soil and the fundamentals of plant fertilization Practical Work Pr ZOUAOUI Lab 151	Soil and the fundamentals of plant fertilization tutorial Pr ZOUAOUI	Free and open-source software Practical Work Dr ABDELHUSSEIN		

Classroom: Faculty

Specialization: Biotechnology and Health

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Biochemical Engineering Lecture (UEF)	Biochemical Engineering Lecture (UEF)	Open Source Practical work	Biochemical Engineering Tutorials (UEF)		
Monday	Gene manipulation Lecture (UEM) Mme ZERROUTI	Gene manipulation Tutorials (UEM) Mme ZERROUTI	Enzyme Engineering Tutorials (UEF)/ Instrumentation & Bioimaging Practical works - Lab (UEM) Mme BOUAMAMA	Enzyme Engineering Tutorials (UEF)/ Instrumentation & Bioimaging Practical works - Lab (UEM) Mme BOUAMAMA		
Tuesday	Enzyme Engineering Lecture (UEF)	Enzyme Engineering Lecture (UEF)	Cellular Biomechanics and Extracellular Matrix Lecture (UEF)	Instrumentation & Bioimaging Lecture (UEM) Mme BOUAMAMA	Cellular and Molecular Basis of the Genetic Code (UEF) Tutorials Mme ZERROUTI	
Wednesday	Day reserved for field trips and other educational activities				Open Source Practical work E-Learning	Biostatistics E-Learning (UET) M. BOUKHATEM
Thursday	Principles of Physiology Lecture (UED) Mme ZATRA	Cellular and Molecular Basis of the Genetic Code Lecture (UEF) Mme ZERROUTI	Gene manipulation Practical works - Lab (UEF) Mme ZERROUTI / Principles of Physiology Practical works - Lab (UED) Mme ZATRA	Gene manipulation Practical works - Lab (UEF) Mme ZERROUTI / Principles of Physiology Practical works - Lab (UED) Mme ZATRA		

*Classroom: Lecture theatre F / **Faculty***

Specialization: Microbial Biotechnology

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Microbiological Techniques –Practical Work (TP) – Ms. TOUA		Microbiology Safety Practical Work (TP) – Dr. DJELLOUT	Bacterial Taxonomy – Tutorial (TD) Ms. BOURAOU		
Monday	Day reserved for field trips and other educational activities.					
Tuesday	Mycology Practical Work (TP) – Ms. Bensaid F.		Microbiological Techniques – Lecture Ms. TOUA	Genetic Elements – Tutorial (TD) Ms. Bensaid F.		
Wednesday	Genetic Elements – Lecture Prof. Benchabane	Mycology – Lecture Prof. Benchabane				
Thursday	Bacterial Taxonomy – Lecture Prof. Ammad	Microbiology Safety – Lecture Dr DJELLOUT		Documentary Research – UED Lecture Ms. Bensaid F.	English – UET Lecture	Free and Open- Source Software (FOSS)-Lecture

Classroom: Lecture theatre F'

Specialization: Plant Production

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Educational Field Trips					
Monday		Agropedology and Fertilization PW lab 151 Ms Zemouri	Instrumental Analysis PW lab 151 Ms Tchanchen			Free and open source software Distance learning Ms Abdehussein
Tuesday			Production of seedlings and seeds Ms Benkorteby	Irrigation and drainage Ms Ouradi	Pedogenesis	Pedogenesis Tutorials
Wednesday	Irrigation and drainage Tutorials Ms Ouradi	Bioclimatology Ms Zemouri	Bioclimatology Tutorials Ms Zemouri	Agricultural experimentation Distance learning Mr Abad	Agricultural experimentation Distance learning Tutorials Mr Abad	
Thursday	Plant breeding Ms Benkorteby	Plant breeding Tutorials Ms Benkorteby	Agropedology and Fertilization Ms Zemouri	production of seedlings and seeds PW labo Ms Benkorteby		Scientific English Distance learning Ms Salmi

Classroom: 256

Specialization: Animal Production

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Course: Selection and Genetic Improvement (mrs MEFTI)	Course: Selection and Genetic Improvement (mrs MEFTI)	Course: Nutritional Value and Forage Analysis (Mr. BENCHERCHALI)	Course / TS Statistics (mrs SID)		
Monday	Course / TS Reproductive Physiology (mrs MEFTI)		Course: Food And Rationing (mrs BOUBEKEUR)	Course: Animal Feed Technology (mrs MAAMRI)		
Tuesday	Course / TS Food And Rationing (mrs BOUBEKEUR)	Course / TS Food And Rationing (mrs BOUBEKEUR)	TS Selection and Genetic Improvement			
Wednesday	TS Animal Feed Technology (mrs MAAMRI) (L 108)	TS Animal Feed Technology (L 287)				
Thursday						

Classroom: 261

Specialization: Plant Protection

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday		Sampling and Analysis Methods – Lecture Ms. Baba-aissa	Sampling and Analysis Methods – Tutorial Ms. Baba-aissa (1h)	Major Animal Pests – Practical Ms. Sabri Lab . 106	Sampling and Analysis Methods – Practical Ms. Baba-aissa Lab . 109	
Monday	Methods and Practices of Phytosanitary Surveys – Lecture Ms. Khedar	Major Animal Pests – Lecture Ms. Sabri	Pest Bioecology Lecture Ms. Djemai	Major Animal Pests – Lecture Ms. Sabri	Methods and Practices of Phytosanitary Surveys – Practical Ms. Kheddar Lab . 109	
Tuesday	Major Plant Pests Lecture Ms. Benkorteby	Major Plant Pests Lecture Ms. Benkorteby	Pest Bioecology Lecture Ms. Djemai	Pest Bioecology Practical Ms. Djemai Lab . 106	Major Plant Pests – Practical Ms. Benkorteby Lab . 109/ 106	
Wednesday	Tritrophic Interactions – Lecture (Distance Learning) Pr Allal	Scientific English – Lecture (Distance Learning) Ms. Djemouai		Free and Open Source Software –Lecture (Distance Learning) Ms. Abdulhussain	Free and Open Source Software – Tutorial (Distance Learning) Ms. Abdulhussain	
Thursday	Day reserved for educational field and trips other activities					

Classroom: 252

Specialization: Forest Sciences

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday <i>Classroom 204</i>		Forest Ecology UEF1 Mrs Djaboub	Dendrology UED1 Mr. Ouelmouhoub	Dendrology. PW Lab. of forestry Mr. Ouelmouhoub	Free and open source software UED2 (cours / PW) EAD	Classroom 261
Monday <i>Classroom 204</i>	Dendrometry UEF2 Mrs Sebti	Dendrometry Tutorials Mrs Sebti	Forest Pedology UEF2 Mrs Zemouri	Forest Operation PW Lab. of forestry Mrs Sebti	Technical english UET1 EAD Mrs Bouchakour	Classroom 261
					EAD	
Tuesday <i>Seminar room</i>	Forest exploitation UEM1 Mrs Sebti	Forest exploitation Mrs Sebti Tutorials	Experimental methods UEM1 Mr Akli	Experimental methods Mr Akli Tutorials		Seminar room
Wednesday <i>Classroom 252</i>	Forest Ecology. PW Lab. of forestry Mrs Djaboub	Silviculture UEF1 Mr. Fellag	Silviculture UEF1 Mr. Fellag	Forest pedology PW Lab. of forestry Mrs Zemouri	Silviculture PW Lab. of forestry Mr Fellag	
Thursday	Educational Field Trips					

Classroom: 204, 252, SR

Specialization: Ecology and Environment

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday		Environmental analysis and protection Mrs Houma Course	Environmental analysis and protection Mrs Houma Tutorial	Inventory of animal populations Mrs Ouarab Course	Inventory of animal populations Mrs Ouarab Tutorial	
Monday		Environmental pollution Mrs Chaichi Course	Environmental pollution Mrs Chaichi Tutorial	Ecopedology Mr Abed Tutorial		Evolution of ecological thought (EAD) ONLINE
Tuesday	Bioclimatology Course Mrs Larfi	Geomorphology Course Mrs Larfi	Ecopedology Mr Abed Course			
Wednesday	Inventory of plant populations Course Mrs Amara	Inventory of plant populations Tutorial (1/15) Mrs Amara	Inventory of animal populations (PW) Mrs Ouarab	Scientific English Course Mrs Tchantchane		Free and open source (online) Course /PW Mrs Abdulhusseine Alia Simona
Thursday						

Classroom: 206

Specialization: Soil and Water

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Day reserved for field trips and other educational activities					
Monday		Scientific English <i>remote</i>	Discovery of free and open-source software Mrs Abdulhussain <i>remote</i>	Economics Mrs. Yahia <i>remote</i>		
Tuesday	Pedology Lab Work Mrs. Degui Pedology Laboratory	Mineral Waters Lecture Mrs. Chilali	Pedology Lecture Mrs. Degui	Pedology Tutorial Mrs. Degui		
Wednesday	Hydrology Lecture Mrs. Larfi	Hydrology Tutorial Mrs. Larfi	IT/Statistics Lecture Mrs. Chilali	Hydrogeology Lecture Mr. Amirouche	Hydrogeology Tutorial Mr. Amirouche	
Thursday	Water Resources Lecture Mrs. Yahia	Soil Mapping Lecture Mrs. Degui	Soil Mapping Tutorial Mrs. Degui			

Classroom: 204

MASTER 1

11 specializations

- Plant Biotechnology
- Biotechnology and Plant Valorization
- Biotechnology and Plant Genomics
- Microbial Biotechnology
- Biotechnology and Molecular Pathology
- Agroecological Production Systems
- Animal Production and Nutrition
- Phytopharmacy and Plant Protection
- Forest Sciences
- Water and Environment
- Agroenvironment and Bioindicators

Specialization: Plant Biotechnology

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Tutorial Principles of Variety Creation Dr. OUSRIR S.	Tutorial Phylogenetic Resources Dr. HAMIDI Y.	Practical Molecular Genetics Dr. DJERDJOURI A.	Course Natural Production Factors Dr. HOUMA I.		
Monday	Course Molecular Genetics Dr. DJERDJOURI A.		Tutorial Natural Production Factors Dr. HOUMA I.	Course Ecophysiology Dr. ABBAD M.	Practical Ecophysiology Dr. ABBAD M.	
Tuesday	Course Principles of Variety Creation Dr. OUSRIR S.		Course Phylogenetic Resources Dr. HAMIDI Y.			
Wednesday	Course /Practical (DLE) Applied Horticulture Pr. CHAOUIA C.	Course /Practical (DLE) Free and Open Source Software Dr. Alia SEMONA	Course (DLE) Communication Dr. BACHIR K.			
Thursday						

Classroom: 345 , Bloc 3 / *Faculty*

Specialization: Biotechnology and Plant Valorization

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Other activities					
Monday			Lecture & PW Free and Open-Source Software Dr ABDEL HUSSAIN	Lecture Ethnobotanical Survey of Plants of Interest Dr BACHIR	Lecture COMMUNICATION Dr BACHIR	
Tuesday	Lecture Harvesting and Conservation Methods for Plants of Interest and Their Natural Products Pr MOUMENE	Tutorials Harvesting and Conservation Methods for Plants of Interest and Their Natural Products Pr MOUMENE	Lecture Plants of Interest and Their Natural Products Dr BACHIR & Dr GHANAI	Tutorials Plants of Interest and Their Natural Products Dr BACHIR & Dr GHANAI	Lecture Constraints and Integrated Management of the Production and Protection of Plants of Interest Dr GHANAI & Dr SADDEK	
Wednesday	Lecture Extraction and Purification Processes for Natural Products from Plants of Interest Mr BENDALI	Lecture Optimization of Biomass Production in Plants of Interest and Their Natural Products Pr MOUMENE	Tutorials Optimization of Biomass Production in Plants of Interest and Their Natural Products Pr MOUMENE	Lecture Constraints and Integrated Management of the Production and Protection of Plants of Interest Dr GHANAI & Dr SADDEK	PW Constraints and Integrated Management of the Production and Protection of Plants of Interest Dr GHANAI & Dr SADDEK	
Thursday	PW Extraction and Purification Processes for Natural Products from Plants of Interest Mr Bendali	Lecture Harvesting and Conservation Methods for Plants of Interest and Their Natural Products Pr MOUMENE	Lecture Optimization of Biomass Production in Plants of Interest and Their Natural Products Pr MOUMENE	Lecture Plants of Interest and Their Natural Products Dr BACHIR & Dr GHANAI		

Classroom: 266

MASTER 1 • 3 / 11

Specialization: Biotechnology and Plant Genomics

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Lecture Biochemical analysis methods Ms. Kabir W.	Lecture Model plants for plant genomics and of economic importance Dr. Boukerma L.	Lecture Biochemical analysis methods Ms. Kabir W.	Lecture Model plants for plant genomics and of economic importance Dr. Boukerma L.	Tutorials Model plants for plant genomics and of economic importance Dr. Boukerma L.	
Monday	Lecture Plant cytogenetics Dr. Yatta D.	Lecture Plant molecular biology Dr. Ayadi R.	Tutorials Plant cytogenetics Dr. Yatta D.	Lecture Plant molecular biology Dr. Ayadi R.	Tutorials Plant molecular biology Dr. Ayadi R.	
Tuesday	E-learning: - Communication (Lecture) - Technical English (Lecture and tutorials)- Dr. Tebbal N. - Free and open-source software (Lecture and Practical work)- Dr. Bellag O.					
Wednesday	Lecture Fundamental genetics and epigenetics Dr. Guessaibia N	Practical work Biochemical analysis methods Ms. Kabir W	Lecture Fundamental genetics and epigenetics Dr. Guessaibia N.	Tutorials Fundamental genetics and epigenetics Dr. Guessaibia N.		
Thursday	A day set aside for educational trips, independent study and other educational activities (remedial lessons, ...etc.)					

Classroom: Seminar room

Specialization: Microbial Biotechnology

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Lecture Microbiology and biodiversity Pr Benchabane	Lecture Microbiology and biodiversity Dr Berdja	Tutorial Microbiology and biodiversity Dr Berdja	Lecture Metabolic biochemistry and enzymology	Practical work Metabolic biochemistry and enzymology	
Monday	Lecture Chemical Analysis Pr. KHALI M./ Dr.DJELLOUT H.	DW/PW Chemical Analysis Pr. KHALI M./ Dr.DJELLOUT H.	Lecture Adaptation and evolution of micro-organisms Dr Berdja	Tutorial Adaptation and evolution of micro-organisms Dr Berdja	Lecture Communication Pr. KHALI M. TE-Learning	
Tuesday	Lecture Identification and microbiological characterization Mme Toua	Practical work Identification and microbiological characterization Mme Toua	Lecture Adaptation and evolution of micro-organisms Dr Benoussaid	Lecture Adaptation and evolution of micro-organisms Dr Benoussaid	Lecture Valorization of Research Results Pr. KHALI M. DE-Learning	
Wednesday			Scientific English DE-Learning			
Thursday	Day reserved for outings and other educational activities					

Classroom: 330 , Bloc 2, *Faculty*

Specialization: Biotechnology and Molecular Pathology

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Biomolecules Structure–Function Mr. BOUKHATEM (Lecture)	Biomolecules Structure–Function Mr. BOUKHATEM (Lecture)	Structural and Functional Genomics Ms. DJAZOULI ALIM (Lecture)	Animal Experimentation Ms. TARZALI 1hTutorial + 1h30 (Practical work) Advanced Cell Signaling Ms BENAZOUZ (Tutorials)	Animal Experimentation Ms. TARZALI (Lecture)	
Monday		Free and Open-Source Software 2 (Lecture) E-learning	Laboratory Hygiene and Biosafety Ms. KANANE (Lecture) E-learning	Laboratory Hygiene and Biosafety Ms. KANANE (Tutorials) E-learning	Communication Ms Lemiti (Lecture) E-learning	
Tuesday	Animal Experimentation Ms. TARZALI (Lecture)	Biospecimens and Biobanking Ms. DJAZOULI ALIM (Lecture)	Structural and Functional Genomics Ms. DJAZOULI ALIM (Lecture)	Biospecimens and Biobanking Ms. REBAIA (Practical Work) G1 (1/15)/G2	Structural and Functional Genomics Tutorials G2 (1/15)/G1	
Wednesday	Advanced Cell Signaling Ms BENAZOUZ (Lecture)	Advanced Cell Signaling Ms BENAZOUZ (Lecture)	Biomolecules Structure -Function Ms BOUKHATEM (Tutorial)			
Thursday						

*Classroom: 331, Bloc 2, **Faculty***

Specialization: Agroecological Production Systems

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Agroecology (Course) Mr DEROUICHE	Agroecology (Course) Mr DEROUICHE Mr ABBAD	Agroecology (DW) Mr ABBAD	Horticultural propagation (Course) Mr ZOUAOUI	Horticultural propagation (Course) Mr ZOUAOUI	
Monday	Specialised Arboriculture and Viticulture (Course) Ms. CHAOUIA	Land Development and Cropping Systems (Course) Ms. CHELOUFI	Land Development and Cropping Systems (DW) Ms. CHELOUFI	Strategic Crops (Course) Ms. MOUAS	Strategic Crops (Course) Mr DEROUICHE	
Tuesday	Specialised Arboriculture and Viticulture (Course) Ms. CHAOUIA	Agricultural bioclimatology Mr DEROUICHE (Course / DW)	Strategic Crops (DW)	Horticultural propagation (PW) Mr ZOUAOUI	Specialised Arboriculture and Viticulture (PW) Ms. CHAOUIA	
Wednesday	Communication (distance learning)	Open-source software Ms. Alia Simona				
Thursday						

Classroom: 211

Specialization: Animal Production and Nutrition

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Course /TS FOOD TECHNOLOGY (mrs OUAKLI)		Course: FOOD FORMULATION (mrs SID)	Course / TS RUMINANT RATIONING (Mr. BENCHERCHALI)		
Monday	Course /TS NUTRITIONAL VALUE (mrs BOUBEKEUR)		Course FOOD AND NUTRITION (mrs MAHMOUDI)	Course / TS Horse Breeding (Mr. REHAL)		
Tuesday	TP FOOD FORMULATION (Mme SID) (L 287) (1/15)					
Wednesday	Course FOOD TECHNOLOGY (mrs OUAKLI) (C 261)	Course / TS RUMINANT RATIONING (Mr. BENCHERCHALI) (C 261)		Course NUTRITIONAL VALUE (mrs BOUBEKEUR) (C 261)		
Thursday	Course / TS FOOD AND NUTRITION (mrs MAHMOUDI) (C 261)					

Classroom: 204

Specialization: Phytopharmacy and Plant Protection

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday				Free and Open Source Software (Lecture & Tutorial) Ms. Abdulhussain E-learning	Scientific English (Lecture & Tutorial) Ms. Tebbal E-learning	Communication (Lecture & Tutorial) Ms. Hamel E-learning
Monday	Day reserved for educational field trips and other activities					
Tuesday Classroom 275	Systematics and Taxon Recognition (Lecture) Ms. Kheddar	Systematics and Taxon Recognition (Lecture) Ms. Kheddar	Design and Formulation of Biocides (Lecture) Mr. Moussaoui	Design and Formulation of Biocides (Lecture) Mr. Moussaoui	Systematics and Taxon Recognition (Practical Lab) Ms. Kheddar Lab. 106	
Wednesday Classroom 216	Design and Formulation of Biocides (Tutorial) Mr. Moussaoui Lab. 109	Bioactive Substances and Molecules (Tutorial) Mr. Moussaoui	Methodological Approaches to Biological Invasions (Practical Lab) Ms. Djemai Lab. 106	Bioactive Substances and Molecules (Lecture) Mr. Moussaoui	Bioactive Substances and Molecules (Lecture) Mr. Moussaoui	
Thursday Classroom 216	Plant Defense Strategies (Practical Lab) Ms. Brahimi Labo 109	Plant Defense Strategies (Lecture) Ms. Brahimi	Methodological Approaches to Biological Invasions (Lecture) Ms. Djemai	Plant Defense Strategies (Practical Lab) Ms. Brahimi	Plant Defense Strategies (Practical Lab) Ms. Brahimi Labo 109	

Classroom: 275, 216

Specialization: Forest Sciences

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Global changes Mr OUELMOUHOUB Mr FELLAG	Global Changes Mr OUELMOUHOUB Mr FELLAG	Study Methods & Statistics PW Mr AKLI	Wood valorization Tutorials Mr FELLAG		
Monday	Ecosystem structure & functioning Mrs SELLAMI	Ecosystem structure & functioning Mrs SELLAMI	Wood valorization Mr FELLAG	Wood valorization Mr FELLAG		Communication Ms LEMITI (E-learning)
Tuesday	Study Methods & Statistics Mr AKLI Mrs DJAÂBOUB	Study Methods & Statistics Mr AKLI Mrs DJAÂBOUB	Ecosystem structure & functioning Tutorials Mrs SELLAMI	Recreational management and urban forestry PW Mrs SELLAMI		
Wednesday	Recreational management and urban forestry Mrs SELLAMI	Forest geography Mrs SELLAMI E-learning	Global Changes Tutorials Mrs REMINI	Free & open source software Mrs ABDULHUSSEIN E-learning		
Thursday	Educational Field Trips					

Classroom: 200

Specialization: Water and Environment

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	(Tutorial) Water Chemistry – Mr. Bendali	(Lecture) Water Chemistry – Mr. Bendali	(Lecture) Water Chemistry – Mr. Bendali	(Practical Lab) Remote Sensing and GIS		
Monday	(Lecture) Irrigation Techniques – Mr. Amirouche	(Lecture) Irrigation Techniques – Mr. Amirouche	(Tutorial) Irrigation Techniques – Mr. Amirouche	(Lecture) Remote Sensing and GIS	(Lecture) Remote Sensing and GIS	
Tuesday	Educational Field Trips					
Wednesday	(Lecture) Soil Chemistry – Mrs. Degui N.		(Lecture) Pollution and Environment – Mrs. Remini L.	(Practical Lab) Pollution and Environment – Mrs. Remini L.	(Tutorial) Soil Chemistry – Mrs. Degui N	
Thursday		(Lecture) Communication (Online) – Mrs. Chiali F.	(Lecture + Tutorial) Biomass (Online) – Mrs. Remini L.	(Lecture) Open-Source and Free Software (Online) – Mrs. Alia Abdulhussain		

Classroom: 275

Specialization: Agroenvironment and Bioindicators

Day / Time	08:00 - 09:30	09:40 - 11:10	11:20 - 12:50	13:00 - 14:30	14:40 - 16:10	16:20 - 17:50
Sunday	Course Introduction to Phytosociology Pr. Amara					Course Free and open source software Dr Abdul Hussain
Monday		Course Biological Control in Agroecosystems Dr Sabri	Course Biological Control in Agroecosystems Dr . Sabri	Course Ecosystem Services and Agri-Environment Pr. Allal	Course Ecosystem Services and Agri-Environment Pr. Allal	Course Scientific and communication English Dr Grandi
Tuesday	Guided Work Introduction to Phytosociology Pr. Amara	Guided Work Ecosystem Services and Agri-Environment Pr. Allal	Course taxonomic identification of the flora Dr. Ghanaï			
Wednesday	Course Chemical Ecology Dr. Houma	Course Chemical Ecology Dr. Houma		Guided Work Ecologie Chimique Dr. Houma		
Thursday		Practical work Taxonomic identification of the flora Dr. Ghanai	Practical work Biological Control in Agroecosystems Dr . Sabri			Course Communication Dr. Baba Aissa

Classroom: 346, Bloc 2, Faculty

MASTER 2

10 spécialités

- Biotechnologie Végétale
- Biotechnologie et Valorisation des Plantes
- Biotechnologie et Génomique Végétale
 - Biotechnologie Microbienne
- Biotechnologie et Pathologie Moléculaire
- Système de Production Agroécologique
 - Production et Nutrition Animale
- Phytopharmacie et Protection des Végétaux
 - Sciences Forestières
- Agroenvironnement et Bioindicateurs

Spécialité : Biotechnologie Végétale

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche	Cours Génétique moléculaire des plantes Dr. MOUAS Y.		TD Mécanisme de tolérance des plantes aux stress Pr. ZOUAOUI A.	Cours Recherche bibliographique et rédaction scientifique Dr. DJERDJOURI A.		
Lundi	Cours Mécanisme de tolérance des plantes aux stress Pr. ZOUAOUI A.		TP Recherche bibliographique et rédaction scientifique Dr. DJERDJOURI A.	Cours Nutrition minérale Dr. MOUAS Y & Dr. HAMIDI Y.		
Mardi	Cours Expérimentation et analyse de données Dr. ABBAD M.	TP Expérimentation et analyse de données Dr. ABBAD M.	TD Génétique moléculaire des plantes Dr. MOUAS Y.	TD Nutrition minérale Dr. MOUAS Y.		
Mercredi	Cours / TP (EAD) L'IA appliquée aux sciences et technologie Dr. Alia SEMONA	Cours (EAD) Entreprenariat Pr. RAMDANE S.A	Cours/ TD Analyse et montage des projets Pr. RAMDANE S.A			
Jeudi	Sortie pédagogique + Stage PFE					

Salle : 345, Bloc 3 / *Faculté*

Spécialité : Biotechnologie et Valorisation des Plantes

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche	TP Caractérisation et analyse des produits naturels des plantes d'intérêts Mr BENDALI	Cours Caractérisation et analyse des produits naturels des plantes d'intérêts Mr BENDALI	TD Applications industrielles des produits formulés à base de plantes d'intérêts et de leurs produits naturels en santé, bien être et nutrition Dr AYACHI & Dr Tadjine	Cours Applications industrielles des produits formulés à base de plantes d'intérêts et de leurs produits naturels en santé, bien être et nutrition Dr AYACHI & Dr Tadjine	Cours Application industrielle des produits agro-environnementaux à base de plantes d'intérêts et de leurs produits naturels Dr SADDEK	
Lundi	Cours Documentation et planification de projet de recherche Pr MOUMENE	TD Documentation et planification de projet de recherche Pr MOUMENE	Cours Expérimentation et traitements de données Dr ABBAD	TP Expérimentation et traitements de données Dr ABBAD	Cours Applications industrielles des produits formulés à base de plantes d'intérêts et de leurs produits naturels en santé, bien être et nutrition Dr AYACHI & Dr Tadjine	
Mardi	Cours Caractérisation et analyse des produits naturels des plantes d'intérêts Mr BENDALI	Cours Documentation et planification de projet de recherche Pr MOUMENE	TD Application industrielle des produits agro-environnementaux à base de plantes d'intérêts et de leurs produits naturels Dr SADDEK	Cours Application industrielle des produits agro-environnementaux à base de plantes d'intérêts et de leurs produits naturels Dr SADDEK		
Mercredi		Cours & TD Anglais Scientifique Dr SALMI	Cours & Trvx Création d'une entreprise économique Dr SALMI	Cours & TP L'intelligence artificielle appliquée aux sciences et technologie Dr ABDELHUSSAIN		
Jeudi	Others activities					

Salle : 266

Spécialité : Biotechnologie et Génomique Végétale

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche	Cours Biotechnologies végétales et sécurité alimentaire M. Badis M.	Cours Biotechnologies végétales et sécurité alimentaire M. Badis M.	TD Bioinformatique appliquée à la génomique végétale Dr. Bellag O.	TD Biotechnologies végétales et sécurité alimentaire M. Badis M.	TD Recherche bibliographique et Rédaction scientifique Dr. Yahia N.	
Lundi	Cours Génomique structurale et fonctionnelle Dr. Boukerma L	Cours Bioinformatique appliquée à la génomique végétale Dr. Eddaikra A.	Cours Génomique structurale et fonctionnelle Dr. Boukerma L..	TD Génomique structurale et fonctionnelle Dr. Boukerma L	Cours Bioinformatique appliquée à la génomique végétale Dr. Eddaikra A.	
Mardi	Journée réservée aux enseignements à distance et autres activités pédagogiques - Cours de création d'une entreprise économique (M. Osmani M.) - Cours et TP d'IA appliquée aux sciences et technologies (Dr. Bellag O.) - Cours de Recherche bibliographique et rédaction scientifique (Dr. Yahia N.)					
Mercredi	Cours Biostatistiques appliquées M. Himrane H.	Cours Biotechnologies et Bioindustries Dr. Bentoura S.	TD Biostatistiques appliquées M. Himrane H.	Cours Biotechnologies et Bioindustries Dr. Bentoura S.	TD Biotechnologies et Bioindustries Dr. Bentoura S.	
Jeudi	Journée réservée aux sorties pédagogiques et autres activités pédagogiques (EAD, Séances de remplacement...etc.)					

Salle : de soutenance

Spécialité : Biotechnologie Microbienne

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche	Cours Entreprenariat (UET)	Cours Marqueurs moléculaires et phylogénie Pr. Benchabane M	Cours Marqueurs moléculaires et phylogénie Pr. Benchabane M	Cours Techniques Séparatives Pr. KHALI M.	DW/PW Techniques Séparatives Pr. KHALI M.	
Lundi	Cours (Pr Benchabane) + TP (Dr Berdja) Bioinformatique et analyses de séquences biologique		Cours Génie microbiologique Dr. Benoussaid.N	Cours Génie microbiologique Dr. Benoussaid.N		TD Génie microbiologique Dr. Benoussaid.N
Mardi	Cours-UED Biomolécules microbiennes et Valorisation Pr Ammad F	Cours-UED Recherche et Valorisation des résultats Pr Khali	TD Biomolécules microbiennes et Valorisation Pr Ammad F	Cours Biomolécules microbiennes et Valorisation Pr Ammad F		
Mercredi						
Jeudi	Journée réservée aux sorties et autres activités pédagogiques					

Salle : **Amphi F'**

Spécialité : Biotechnologie et Pathologie Moléculaire

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche			Tissue Engineering (Practical work) Mr BOUKHATEM	Molecular Diagnostics II (lecture) Ms DJAZOULI ALIM	Molecular Diagnostics II (lecture) Ms DJAZOULI ALIM	
Lundi	Biotherapies (lecture)	Biotherapies (lecture)	Histopathology and Cytopathology (lecture) Ms BOUKERT	Histopathology and Cytopathology (lecture) Ms BOUKERT		
Mardi	Innovative Biotechnologies and Nanobiotechnology (lecture)	Innovative Biotechnologies and Nanobiotechnology (Practical Work)	Molecular Diagnostics II (Tutorials) Ms REBAIA			
Mercredi	Tissue Engineering (lecture) Mr BOUKHATEM	Tissue Engineering (lecture) Mr BOUKHATEM	Biotherapies (Tutorials) (Tutorials G1/G2_ 1x 15D)			
			Histopathology and Cytopathology (Tutorials G2/G1_ 1x 15D) Ms BOUKERT			
Jeudi		AI Applied to Science and Technology (30 min lecture -1 h practical work) (E-learning)	Bioinformatics II (E-learning)	Entrepreneurship (E-learning)	Lean Startup E-learning	

Salle :.331, bloc 2, **Faculté**

Spécialité : Système de Production Agroécologique

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche						
Lundi	Conception et évaluation de projets agricoles (EAD)	Entreprenariat UE Transversale (EAD)				
Mardi			Biodiversité et ressources phylogénétiques (Cours) Mr HAMIDI Mme OUSSERIR	Agriculture et changements climatiques (Cours) Mr DEROUCHE		
Mercredi	Expérimentation et analyse des (Cours) Mr ABBAD	Relation plante / microorganisme/ environnement (Cours) Mme MOUAS	Relation plante / microorganisme/ environnement (TD) Mme MOUAS	Recherches bibliographiques (Cours)	Recherches bibliographiques (TP)	
Jeudi	Biodiversité et ressources phylogénétiques (Cours) Mr HAMIDI Mme OUSSERIR	Expérimentation et analyse (Cours) Mr ABBAD	Expérimentation et analyse (TD) Mr ABBAD	Agriculture et changements climatiques (TP) Relation plante / microorganisme/ environnement (TP) 1/15 Mr DEROUCHE Labo. Physiologie	Biodiversité et ressources phylogénétiques (TD) Mr HAMIDI Mme OUSSERIR	

Salle : 211

Spécialité : Production et Nutrition Animale

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche						
Lundi						
Mardi	Cours / TD SYSTEMES D'ELEVAGE (Mme OUAKLI)	Cours EXPERIMENTATION ANIMALE (Mme SID)	Cours / TD SYSTEMES D'ELEVAGE (Mme OUAKLI)	TP EXPERIMENTATION ANIMALE (Mme SID)	TD EXPERIMENTATION ANIMALE (Mme SID)	
Mercredi	Cours HYGIENE ALIMENTAIRE (Mr BENCHERCHALI)	Cours SYSTEMES D'ELEVAGE (Mme OUAKLI)	Cours DOCUMENTATION (Mme BOUBEKEUR	Cours / TD PROJETS		
Jeudi	Cours / TD HYGIENE ALIMENTAIRE (Mr BENCHERCHALI)		Cours / TD CARACTERISTIQUES DES PRODUITS ANIMAUX (Mme MAHMOUDI)			

Salle : 204

Spécialité : Phytopharmacie et Protection des Végétaux

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche		Création d'une entreprise économique (Cours) EN LIGNE			Création d'une entreprise économique (TD) EN LIGNE	
Lundi Salle 256	Valorisation de la recherche et application des outils statistiques (Cours) Mme Chaichi	Phytopharmacovigilance (TD) Mme Brahimi Labo 109/Enquêtes terrain		Symptomatologie et diagnostic phytosanitaire (Cours) Mme Chaichi	Phytopharmacovigilance (Cours) Mme Brahimi	Symptomatologie et diagnostic phytosanitaire (TP) Mme Chaichi
Mardi	Sorties et Autres activités pédagogiques					
Mercredi Salle 200	Moyens et procédés de gestion des polluants (cours) Mr Moussaoui	Moyens et procédés de gestion des polluants (cours) Mme Baba Aïssa	Moyens et procédés de gestion des polluants (TD) (Mr Moussaoui/Mme Baba Aïssa) labo 109			
Jeudi Salle 200	Changement climatique et protection phytosanitaire (Cours) Mme Allal		Valorisation de la recherche et application des outils statistiques (Cours) Mme Chaichi	Valorisation de la recherche et application des outils statistiques (TD) Mme Chaichi	Changement climatique et protection phytosanitaire (TD) Mme Allal	Changement climatique et protection phytosanitaire (Cours) Mme Allal

Salle : 256, 200

Spécialité : Sciences Forestières

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche	Cours Génie Rural Mr AKLI	Cours Génie Rural Mr AKLI	TP (Labo. Sc. Forest) Zones humides Mme LEMITI	Cours Pépinières et Reboisement Mr AKLI	TD Agroforesterie Mr FELLAG	
Lundi	Cours Agroforesterie Mr FELLAG	Cours Agroforesterie Mr FELLAG	Cours Pépinières et Reboisement Mme SEBTI		TD Aménagement des bassins versants Mme Sebti	
Mardi	Cours Zones Humides Mme Djaâboub	TD Génie Rural Mr AKLI	Cours Aménagement des bassins versants Mme Sebti	Cours Aménagement des bassins versants Mme Sebti		
Mercredi	TD Agroforesterie Mr FELLAG	TP (Labo. Sc. Forest) Pépinières et Reboisement Mr AKLI		Cours (EAD) Création d’une entreprise économique M. OUELMOUHOU	Cours (EAD) l’IA appliquée aux sciences et technologie	Cours (EAD) Gestion durable des forêts Mme LEMITI
Jeudi	Educational Field Trips					

Salle : 200

Spécialité : Agroenvironnement et Bioindicateurs

Jour / Horaire	08h00 - 09h30	09h40 - 11h10	11h20 - 12h50	13h00 - 14h30	14h40 - 16h10	16h20 - 17h50
Dimanche		Cours Sélection végétale et conservation de la biodiversité Cultivée . Dr. Bachir	TD Analyse écologiques appliquées (UEM) Pr. Ouarab	Cours/TD Indicateurs de la santé des milieux cultivés (UEF) Dr. Sabri/ Dr. Lemiti	Cours/TD Indicateurs de la santé des milieux cultivés (UEF) Dr. Sabri/ Dr. Lemiti	
Lundi		Cours Biodiversité fonctionnelle dans les agrocénoses et caractérisation (UEF) Dr. Djennas/ Dr.Ouanighi	TP Biodiversité fonctionnelle dans les agrocénoses et caractérisation (UEF) Dr. Djennas/ Dr. Ouanighi	Cours Sélection végétale et conservation de la biodiversité Cultivée Dr. Bachir	TP Sélection végétale et conservation de la biodiversité Cultivée Dr. Bachir	
Mardi		Cours Gestion durable des écosystèmes naturels (UEF) Dr. Grandi	TD Gestion durable des écosystèmes naturels (UEF) Dr. Grandi			
Mercredi	Cours Analyses écologiques appliquées (UEM) Pr. Allal	Cours / TD Initiation à la recherche bibliographique (UED) Pr. Ouarab	Cours / TP l'IA appliquée aux sciences et technologie (UED) Dr. Abdelhussain			
Jeudi			Cours Entrepreneuriat (UET) Dr. Tlemssani			

Salle : 346, bloc 3, Faculté