



The 1st semester (S1)-Make-up exam program of natural and life sciences department

Engineer in agricultural sciences		Room i01	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	10:15 – 11:45	Geology	A. Zerrouki
	15:30 – 17:00	Agricultural geography	MF. Hadjadj
Sunday 14/06/2026	10:15 – 11:45	Mathematics	A. Azzi
Monday 15/06/2026	10:15 – 11:45	Chemistry 1	A. Benosmane
Tuesday 16/06/2026	10:15 – 11:45	Plant biology	S. Malki
	15:30 – 17:00	Physics	N. Hebbir
Wednesday 17/06/2026	10:15 – 11:45	Computer science	R. Khenfar
	13:45 – 15:15	TEC (English)	M. Ababsa
Thursday 18/06/2026	10:15 – 11:45	Animal biology (cytology and histology)	A. Berkani



L1 Common core		Amphitheatre 11 (section 1) Amphitheatre 12 (section 2)	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	10:15 – 11:45	Universal history of biological sciences	A. Rahmani
Sunday 14/06/2026	10:15 – 11:45	Mathematics & statistics	T. Laib
Monday 15/06/2026	10:15 – 11:45	Cellular biology	N. Bassa
Tuesday 16/06/2026	10:15 – 11:45	Communication and expression techniques 2	A. Baktache
Wednesday 17/06/2026	10:15 – 11:45	Geology	M. Rached-Kanouni
	13:45 – 15:15	Working method and terminology 1	
Thursday 18/06/2026	10:15 – 11:45	General and organic chemistry	M. Chebbah

L2 SB / ECO / BTV		Amphitheatre 13 (SB) Amphitheatre 8 (Eco + BTV)	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	08:30 – 10:00	Communication techniques and expression	A. Zaouia
	13:45 – 15:15	Ethics and academic conduct	R. Kalache
Sunday 14/06/2026	08:30 – 10:00	Genetic	A. Mechri
Monday 15/06/2026	08:30 – 10:00	Biophysics	N. Hebbir
Tuesday 16/06/2026	08:30 – 10:00	Biochemistry	A. Ayat
	08:30 – 10:00	Plant physiology	A. Bouhbila
Wednesday 17/06/2026	08:30 – 10:00	Environment and sustainable development	S. Nebbache
Thursday 18/06/2026	08:30 – 10:00	Zoology	N. Khelili
	08:30 – 10:00	Introduction to biotechnology	Z. Kebaili



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L3 Plant biotechnology		Room i15	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	12:00 – 13:30	Biostatistics	Z. Tamrabet
Sunday 14/06/2026	12:00 – 13:30	Genetic bases of biodiversity	BS. Grama
Monday 15/06/2026	12:00 – 13:30	Biology instruments and methods and laboratory safety	Z. Kadi
Tuesday 16/06/2026	12:00 – 13:30	Scientific English	W. Mazouz
Wednesday 17/06/2026	12:00 – 13:30	Vegetative propagation and biotechnology	Z. Kadi
Thursday 18/06/2026	12:00 – 13:30	Physiology and Plant Multiplication	MM. Senoussi
L3 Animal biology and physiology		Room i23	
Saturday 13/06/2026	12:00 – 13:30	Pharmacology	W. Mazouz
Sunday 14/06/2026	12:00 – 13:30	Laboratory analysis techniques	O. Med Cherif
Monday 15/06/2026	12:00 – 13:30	Embryonic development	A. Saihia
Tuesday 16/06/2026	12:00 – 13:30	Comparative anatomy	K. Ammi
Wednesday 17/06/2026	12:00 – 13:30	Functional histology	Y. Moumen
L3 Parasitology		Room i24	
Saturday 13/06/2026	12:00 – 13:30	Fundamental virology	W. Mazouz
Sunday 14/06/2026	12:00 – 13:30	Methods for studying protozoa	S. Khiel
	15:30 – 17:00	Histology and physiology of mammals	S. Khiel
Monday 15/06/2026	12:00 – 13:30	Bacteriology 1	M. Hamames
Tuesday 16/06/2026	12:00 – 13:30	English	W. Mazouz
Wednesday 17/06/2026	12:00 – 13:30	Methods for studying metazoans	M. Lounis
Thursday 18/06/2026	12:00 – 13:30	Parasitic protozoa and metazoa	M. Tolba



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L3 Microbiology		Room i25	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	12:00 – 13:30	Mycology-Algology-Virology	M. Hamitou
Sunday 14/06/2026	12:00 – 13:30	Microbial biochemistry	C. Djaballah
Monday 15/06/2026	12:00 – 13:30	Molecular biology and genetic engineering	N. Khenouchi
	15:30 – 17:00	Microbial genetics	M. Hamames
Tuesday 16/06/2026	12:00 – 13:30	Scientific English	W. Mazouz
Wednesday 17/06/2026	12:00 – 13:30	Systematics of prokaryotes	K. Derouiche
Thursday 18/06/2026	12:00 – 13:30	Microbial biotechnology	K. Derouiche
L3 Ecology and environment		Room i26	
Saturday 13/06/2026	12:00 – 13:30	Animal and plant ecophysiology	A. Hamel
Sunday 14/06/2026	12:00 – 13:30	Geomorphology	M. Kribaa
	15:30 – 17:00	Ecopedology	M. Kribaa
Monday 15/06/2026	12:00 – 13:30	Technical sampling and data analysis	L. Ababsa
Tuesday 16/06/2026	12:00 – 13:30	Environmental analysis and protection	H. Khammar
Wednesday 17/06/2026	12:00 – 13:30	Bioclimatology	Z. Barbache
Thursday 18/06/2026	12:00 – 13:30	Environmental pollution	MN. Lyazid
L3 Biochemistry		Amphitheatre 8	
Saturday 13/06/2026	12:00 – 13:30	Cellular and molecular immunology	C. Boumeddous
Sunday 14/06/2026	12:00 – 13:30	Biochemical analysis methods	K. Derouiche
Monday 15/06/2026	12:00 – 13:30	Metabolic regulation	A. Benbout
Tuesday 16/06/2026	12:00 – 13:30	Cellular and functional biochemistry	M. Boulekhsaim
Wednesday 17/06/2026	12:00 – 13:30	In-depth enzymology	A. Ouldjaoui
Thursday 18/06/2026	12:00 – 13:30	Biostatistics	B. Gheraibia



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M1 Applied microbiology		Room i14	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	12:00 – 13:30	Communication	N. Mansouri
Sunday 14/06/2026	12:00 – 13:30	Agro-food microbiology	L. Meradi
	15:30 – 17:00	Medical bacteriology	L. Meradi
Monday 15/06/2026	12:00 – 13:30	Microbiology of fermentations	S. Kaouache
Tuesday 16/06/2026	12:00 – 13:30	Reading the practicals	N. Mansouri
Wednesday 17/06/2026	12:00 – 13:30	Medical virology	N. Mansouri
Thursday 18/06/2026	12:00 – 13:30	General microbiology technique	H. Medjoudj
M1 Ecology of natural environment		Room i13	
Saturday 13/06/2026	12:00 – 13:30	Communication	N. Mansouri
Sunday 14/06/2026	12:00 – 13:30	Biogeography	H. Zaidi
	15:30 – 17:00	Sustainable development	
Monday 15/06/2026	12:00 – 13:30	Population study and inventory methods	N. Bekhouche
Tuesday 16/06/2026	12:00 – 13:30	Conservation and restoration	R. Hadjab
	15:30 – 17:00	Origin and functioning of ecosystems	
Wednesday 17/06/2026	12:00 – 13:30	Hydrochemistry and water quality	H. Khammar
M1 Applied biochemistry		Room i12	
Saturday 13/06/2026	12:00 – 13:30	Communication	N. Mansouri
Sunday 14/06/2026	12:00 – 13:30	English	N. Gherraf
Monday 15/06/2026	12:00 – 13:30	Regulation and cellular communication	F. Zeghib
Tuesday 16/06/2026	12:00 – 13:30	Bioactive molecules of prokaryotic origin	FF. Kebaili
Wednesday 17/06/2026	12:00 – 13:30	Cell culture and applications	F. Zeghib
Thursday 18/06/2026	12:00 – 13:30	Analysis of experimental data in biology	S. Raouar



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M1 Plant biotechnology		Room i11	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	12:00 – 13:30	Communication	N. Mansouri
Sunday 14/06/2026	12:00 – 13:30	Experiments strategies in biology	A. Amokrane
	15:30 – 17:00	Molecular biology	BS. Grama
Monday 15/06/2026	12:00 – 13:30	Applied biochemistry	A. Zellagui
Tuesday 16/06/2026	12:00 – 13:30	Plant genetics	A. Bouhbila
Wednesday 17/06/2026	12:00 – 13:30	Bioinformatics	S. Kaouache
	15:30 – 17:00	Bibliographic analysis	S. Nebbache
Thursday 18/06/2026	12:00 – 13:30	Plant biotechnology	MM. Senoussi
M1 Reproductive biology and physiology		Room i10	
Saturday 13/06/2026	12:00 – 13:30	Communication	N. Mansouri
Sunday 14/06/2026	12:00 – 13:30	Basic toxicology	S. Radouane
	15:30 – 17:00	Pathogens agents	
Monday 15/06/2026	12:00 – 13:30	Special histology	S. Boulahbel
Tuesday 16/06/2026	12:00 – 13:30	Immunology	Y. Moumen
Wednesday 17/06/2026	12:00 – 13:30	Computer science	R. Khenfar
Thursday 18/06/2026	12:00 – 13:30	Molecular biology	A. Ouldjaoui
M1 Parasitology		Room i09	
Saturday 13/06/2026	12:00 – 13:30	Communication	N. Mansouri
Sunday 14/06/2026	12:00 – 13:30	Eco-Biology of parasite vectors	A. Abdessamed
Monday 15/06/2026	12:00 – 13:30	Molecular biology tools and techniques	A. Rahmani
Tuesday 16/06/2026	12:00 – 13:30	General parasitology	A. Boussaada
	15:30 – 17:00	Method for diagnosing human and animal parasitoses	K. Ammi
Wednesday 17/06/2026	12:00 – 13:30	Scientific English	Z. Boubechou
Thursday 18/06/2026	12:00 – 13:30	Parasitic zootaxis	S. Boughoudjil



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M1 Biodiversity and Environment		Room i08	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	12:00 – 13:30	Communication	N. Mansouri
Sunday 14/06/2026	12:00 – 13:30	Genetic basic of biodiversity	A. Mechri
	15:30 – 17:00	Sampling strategy and stand study methods	YI. Bezaz
Monday 15/06/2026	12:00 – 13:30	Functional ecology	N. Bassa
Tuesday 16/06/2026	12:00 – 13:30	Soil biology	H. Hafid
Wednesday 17/06/2026	12:00 – 13:30	GIS and remote sensing	MF. Hadjadj
	13:45 – 15:15	Ecosystem dynamics	A. Satour
Thursday 18/06/2026	12:00 – 13:30	Ecotoxicology	S. Senoussi



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M2 Applied microbiology		Room i15	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	08:30 – 10:00	Environmental biotechnology	M. Aberkane
	13:45 – 15:15	Scientific and technical English	S. Larabaa
Sunday 14/06/2026	08:30 – 10:00	Control of industrial microbiology products	C. Djaballah
Monday 15/06/2026	08:30 – 10:00	Bibliographic research and article analysis	L. Ababsa
	13:45 – 15:15	Genetic engineering applied to microbial biotechnology	N. Khenouchi
Tuesday 16/06/2026	08:30 – 10:00	Microbial genome plasticity	W. Benslama
Wednesday 17/06/2026	08:30 – 10:00	Entrepreneurship	R. Kalache
Thursday 18/06/2026	08:30 – 10:00	Analysis of experimental data in biology	B. Gheraibia
M2 Ecology of natural environment		Room i23	
Saturday 13/06/2026	08:30 – 10:00	Eco-ethology	N. Allaoua
	13:45 – 15:15	Geographic information system	M.F. Hadjadj
Sunday 14/06/2026	08:30 – 10:00	Vegetation mapping	YI. Bezaz
Monday 15/06/2026	08:30 – 10:00	Ecosystem management plans	S. Senoussi
Tuesday 16/06/2026	08:30 – 10:00	Biodiversity of biological entities	H. Hafid
	13:45 – 15:15	Population genetics	Z. Barbache
Wednesday 17/06/2026	08:30 – 10:00	Entrepreneurship	R. Kalache
M2 Plant biotechnology		Room i04	
Saturday 13/06/2026	08:30 – 10:00	Methodology of genetic plants amelioration	F. Chehili
Sunday 14/06/2026	08:30 – 10:00	Assessment and management of genetic resources	S. Zaidi
	13:45 – 15:15	Scientific research methodology	BS. Grama
Monday 15/06/2026	08:30 – 10:00	Cell signaling and gene regulation	S. Karouche
	13:45 – 15:15	Microbial fermentation techniques and applications	M. Hamames
Tuesday 16/06/2026	08:30 – 10:00	Applied plant physiology and biochemistry	S. Malki
	13:45 – 15:15	Industrial uses of crop production	S. Malki
Wednesday 17/06/2026	08:30 – 10:00	Entrepreneurship	R. Kalache



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M2 Reproductive biology and physiology		Room I24	
Day and date	Time	Module	Teacher
Saturday 13/06/2026	08:30 – 10:00	Reproductive pathophysiology	SA. Allaoua
Sunday 14/06/2026	08:30 – 10:00	Article analysis	D. Mahdi
	13:45 – 15:15	Reproductive Endocrinology	
Monday 15/06/2026	08:30 – 10:00	Reproductive toxico-pharmacology	S. Boulahbel
Tuesday 16/06/2026	08:30 – 10:00	Bioclimatology	Z. Barbache
Wednesday 17/06/2026	08:30 – 10:00	Entreprenariat	R. Kalache
Thursday 18/06/2026	08:30 – 10:00	Animal breeding techniques	A. Berkani
M2 Parasitology		Room i25	
Saturday 13/06/2026	08:30 – 10:00	Prophylaxis and control of parasitoses	A. Boussaada
	13:45 – 15:15	Bibliographic analysis and scientific articles	S. Senoussi
Sunday 14/06/2026	08:30 – 10:00	Methods for combating parasites	Z. Chettouh
Monday 15/06/2026	08:30 – 10:00	Epidemiology of parasitoses worldwide	A. Abdessamed
Tuesday 16/06/2026	08:30 – 10:00	Anti-vector control	N. Mansouri
Wednesday 17/06/2026	08:30 – 10:00	Entrepreneurship	R. Kalache
Thursday 18/06/2026	08:30 – 10:00	Zoonoses	M. Tolba
M2 Applied biochemistry		Room i26	
Saturday 13/06/2026	08:30 – 10:00	Laboratory management	A. Djeffal
Sunday 14/06/2026	08:30 – 10:00	Analysis techniques in molecular biology	S. Karouche
Monday 15/06/2026	08:30 – 10:00	Writing and analysis of articles	A. Zellagui
Tuesday 16/06/2026	08:30 – 10:00	Genomics and bioinformatics	W. Benslama
Wednesday 17/06/2026	08:30 – 10:00	Assurance and quality	H. Medjoudj
Thursday 18/06/2026	08:30 – 10:00	Legislative aspects of quality control	H. Medjoudj