

People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research
University of L'arbi ben Mhid Oum El Bouaghi
Faculty of exact sciences and natural and life sciences

Department of natural and life sciences

The exam papers consultation program for L1

Date	Level	Time	Module	Place
27/01/2025	L1	08:30–09:30	Mathematics-statistics	Amphitheatre 13
		09:30–10:30	Geology	
		10:30–11:30	Work methods and terminology 1	
		11:30–12:30	Cellular biology	
		12:30–13:30	General and organic chemistry	
		13:30–14:30	Universal history of biological sciences	
		14:30–15:30	Communication and Expression Techniques 1 (in French)	

The exam papers consultation program for L2

Date	Level	Specialty	Time	Module	
27/01/2025	L2		08:30–09:30	Communication and expression techniques	Amphitheatre 12
			09:30–10:30	Genetic	
			10:30–11:30	Ethics and academic conduct	
		SB & Eco	11:30–12:30	Zoology	
		BTV	11:30–12:30	Introduction to Biotechnology	Amphitheatre 11
		Eco	12:30–13:30	Plant Physiology	Amphitheatre 11
		SB & BTV	12:30–13:30	Biochemistry	Amphitheatre 12
			13:30–14:30	Environment and sustainable development	Amphitheatre 12
			14:30–15:30	Biophysics	

The exam papers consultation program for L3

Specialty	Date	Time	Module	Place
Plant biotechnology	26/01/2025	12:30–13:30	Genetic bases of biodiversity	I 03
	27/01/2025	09:30–10:30	Multiplication vegetative and biotechnology	
		10:30–11:30	Instruments and biology methods and laboratory safety	
		11:30–12:30	Biostatistics	
	28/01/2025	08:30–09:30	Plant physiology	
		09:30–10:30	Scientific English	
Biochemistry	26/01/2025	10:00–11:00	Régulation métabolique	I 13
		11:00–12:00	Méthodes d'analyse Biochimique	
	27/01/2025	10:00–11:00	Biochimie cellulaire et fonctionnelle	
		11:00–12:00	Biostatistique	
	28/01/2025	10:00–11:00	Enzymologie approfondie	
		11:00–12:00	Immunologie cellulaire et moléculaire	
Animal biology & physiology	26/01/2025	09:00–10:00	Techniques d'analyse de laboratoire	I 23
		10:00–11:00	Pharmacologie	
	27/01/2025	09:00–10:00	Histologie fonctionnelle	
		10:00–11:00	Développement embryonnaire	
	28/01/2025	09:00–10:00	Anatomie Comparée des Vertébrés	
Parasitology	26/01/2025	09:30–10:30	Fundamental virology	I 22
		10:30–11:30	Protozoa and Metazoan parasites	
	27/01/2025	09:30–10:30	Bacteriology 1	
		10:30–11:30	Methods of studying Metazoa	
	28/01/2025	09:30–10:30	Histology and physiology of mammals	
		10:30–11:30	Methods of studying Protozoa	
	29/01/2025	09:30–10:30	English	
Microbiology	26/01/2025	09:30–10:30	Microbial biochemistry	I 21
	27/01/2025	09:30–10:30	Scientific English	
		10:30–11:30	Molecular biology and genetic engineering	
	28/01/2025	09:30–10:30	Microbial biotechnology	
		10:30–11:30	Systematics of prokaryotes	
		11:30–12:30	Microbial genetics	

	29/01/2025	09:30–10:30	Mycology-Algology-Virology	
Ecology of natural environments	26/01/2025	10:00–11:00	Environmental Pollution	I 20
		11:00–12:00	Analysis and protection of the environment	
	27/01/2025	10:00–11:00	Geomorphology	
		11:00–12:00	Ecopedology	
	28/01/2025	10:00–11:00	Bioclimatology	
		11:00–12:00	Sampling techniques and data analysis	
	29/01/2025	10:00–11:00	Animal and plant eco physiology	

The exam papers consultation program for M1

Specialty	Date	Time	Module	Place
Plant biotechnology	26/01/2025	10:00–11:00	Molecular biology	I 06
		11:00–12:00	Plant genetics	
		12:00–13:00	Bibliographic analysis	
	27/01/2025	08:30–09:30	Vegetal biotechnology	
		09:30–10:30	Applied biochemistry	
	28/01/2025	11:00–12:00	Experiments strategies in biology	
		12:00–13:00	Bio-informatics	
	29/01/2025	11:00–12:00	Communication	
Biochemistry	26/01/2025	10:00–11:00	English	I 08
	28/01/2025	10:00–11:00	ADBEI	
	29/01/2025	09:00–10:00	MBOP	
		10:00–11:00	Communication	
	30/01/2025	09:00–10:00	RCC	
		10:00–11:00	CCA	
Reproductive biology and physiology	28/01/2025	10:00–11:00	Special histology	I 04
		11:00–12:00	Fundamental toxicology	
		12:00–13:00	Pathogens	
	29/01/2025	09:00–10:00	Immunology	
		10:00–11:00	Informatics	
		11:00–12:00	Molecular biology	
		12:00–13:00	Communication	
Parasitology	26/01/2025	09:30–10:30	General parasitology	I 09
		10:30–11:30	Method for the diagnosis of human and animal parasitosis	
	27/01/2025	09:30–10:30	Molecular biology tools and techniques	
		10:30–11:30	Communication	
	28/01/2025	09:30–10:30	Eco-Biology of Parasites Vectors	
		10:30–11:30	Parasitic Zootaxis	
		11:30–12:30	Scientific English	
Microbiology	26/01/2025	10:00–11:00	General microbiology techniques	I 07

		12:00–13:00	Reading labwork	
		13:00–14:00	Virology	
	27/01/2025	10:30–11:30	Medical bacteriology	
		11:30–12:30	Communication	
		12:30–13:30	Food microbiology	
	29/01/2025	09:30–10:30	Microbiology of fermentations	
Ecology of natural environments	26/01/2025	09:30–10:30	Sustainable development	I 05
		10:30–11:30	Origin and functioning of Ecosystems	
		11:30–12:30	Biogeography	
		12:30–13:30	Conservation and restoration of natural environments	
		13:30–14:30	Hydrochemistry	
	27/01/2025	09:30–10:30	Communication	
		10:30–11:30	Inventory and sampling study methods	

The exam papers consultation program for M2

Specialty	Date	Time		Module	Place
Plant biotechnology	26/01/2025	09:00–10:00		Plant breeding methodology	I 11
		10:00–11:00		Applied plant physiology and biochemistry	
		11:00–12:00		Industrial uses of crop production	
		12:00–13:00		Methodology of scientific research	
		13:00–14:00		Evolution and management of genetic resources	
	27/01/2025	09:00–10:00		Cell signaling and gene regulation	
		10:00–11:00		Microbial fermentation techniques and applications	
		11:00–12:00		Entrepreneurship	
Biochemistry	26/01/2025	10:00–11:00		GL	I 18
		11:00–12:00		RAA	
	28/01/2025	10:00–11:00		TABM	
		11:00–12:00		GBI	
	29/01/2025	10:00–11:00		ALCQ	
		11:00–12:00		AQ	
Reproductive biology and physiology	27/01/2025	09:00–10:00		Articles analysis	I 15
		10:00–11:00		Endocrinology of reproduction	
		11:00–12:00		Entrepreneurship	
		12:00–13:00		Animal husbandry techniques	
	28/01/2025	10:00–11:00		Physiopathology of reproduction	
		11:00–12:00		Toxicopharmacology of reproduction	
	29/01/2025	10:00–11:00		Bioclimatology	
Parasitology	26/01/2025	09:30–10:30		Anti vector control	I 09
		10:30–11:30		Methods for combating parasites	
	27/01/2025	09:30–10:30		Zoonoses	
		10:30–11:30		Prophylaxis and control of parasitoses	
	28/01/2025	09:30–10:30		Epidemiology of parasitosis worldwide	
		10:30–11:30		Bibliographic analysis and scientific articles	
		11:30–12:30		Entrepreneurship	

Microbiology	26/01/2025	12:00–13:00		Control of industrial microbiology products	I 17
	27/01/2025	09:30–10:30		Environmental biotechnology	
		10:30–11:30		Entrepreneurship	
		11:30–12:30		Genetic engineering applied to microbial biotechnology	
	28/01/2025	09:30–10:30		Scientific and technical English	
		10:30–11:30		Analysis of experimental data in biology	
		11:30–12:30		Genome plasticity	
	29/01/2025	09:30–10:30		Bibliographic research and article analysis	
Ecology of natural environments	27/01/2025	09:30–10:30		Eco-ethology	I 10
		10:30–11:30		Geographic information system	
	28/01/2025	09:30–10:30		Biodiversity of entities	
		10:30–11:30		Population genetics	
	29/01/2025	09:30–10:30		Ecosystem management plans	
		10:30–11:30		Vegetation mapping	
		11:30–12:30		Entrepreneurship	