



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



Make-up exam program of the 1st semester (S1) of the first year Licence L1 Common core 2023/2024

Amphitheatre 13

Day and date	Time	Module	Teacher
Monday 03/06/2024	10:15 – 11:45	Working method and terminology 1	M. Kanouni
Tuesday 04/06/2024	10:15 – 11:45	Mathematics statistics	S. Raouar
Wednesday 05/06/2024	10:15 – 11:45	Cellular biology	N. Basa
Thursday 06/06/2024	10:15 – 11:45	Universal history of biological sciences	L. Ababsa
	15:30 – 17:00	Geology	Y.I. Bezaz
Saturday 08/06/2024	10:15 – 11:45	Communication and expression techniques 1	B. Hamel
Sunday 09/06/2024	10:15 – 11:45	General and organic chemistry	T. Cheriet



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



Make-up exam program of the 3rd semester (S4) of the second year Licence L2 2023/2024

Amphitheatre 12+11

Day and date	Time	Module	Teacher
Monday 03/06/2024	08:30 – 10:00	Genetic	A. Mechri
	13:45 – 15:15	Communication techniques and expression	R. Aulmi
Tuesday 04/06/2024	08:30 – 10:00	Biophysics	N. Hennir
Wednesday 05/06/2024	08:30 – 10:00	Biochemistry	A. Ayat
	08:30 – 10:00	plant physiology	A. Bouhbila
Thursday 06/06/2024	08:30 – 10:00	Environment and Sustainable Development	S. Nebache
Saturday 08/06/2024	08:30 – 10:00	Zoology	N. Khelili
	08:30 – 10:00	Introduction to biotechnology	Z. Kebaili
Sunday 09/06/2024	08:30 – 10:00	Ethics and academic conduct	R. Kellache



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



Make-up exam program of the 5th semester (S6) of the third year Licence

L3 2023/2024

L3 Plant biotechnology

Room I 03

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Biostatistics	M. Boudjouraf
Tuesday 04/06/2024	12:00 – 13:30	Genetic Bases of Biodiversity	B. Grama
Wednesday 05/06/2024	12:00 – 13:30	Biology instruments and methods and laboratory safety	Z. Kadi
Thursday 06/06/2024	12:00 – 13:30	Physiology and Plant Multiplication	M.M. Senoussi
Saturday 08/06/2024	12:00 – 13:30	Vegetative propagation and biotechnology	Z. Kadi
Sunday 09/06/2024	12:00 – 13:30	Scientific english	M. Djabelkhir

L3 Animal biology and physiology

Room I 04

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Pharmacology	W. Mazouz
Tuesday 04/06/2024	12:00 – 13:30	Laboratory analysis techniques	K. Derouiche
Wednesday 05/06/2024	12:00 – 13:30	Embryonic development	A. Saihia
Thursday 06/06/2024	12:00 – 13:30	Functional histology	Y. Moumen
Saturday 08/06/2024	12:00 – 13:30	Comparative anatomy	K. Ami



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



L3 Parasitology

Room I 05

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Parasitic protozoa and metazoa	A. Abdessamed
Tuesday 04/06/2024	12:00 – 13:30	Methods for studying protozoa	S. Khiel
	15:30 – 17:00	English	M. Djabelkhir
Wednesday 05/06/2024	12:00 – 13:30	Bacteriology 1	M. Aberkane
Thursday 06/06/2024	12:00 – 13:30	Histology and physiology of mammals	S. Khiel
Saturday 08/06/2024	12:00 – 13:30	Basic virology	W. Mazouz
Sunday 09/06/2024	12:00 – 13:30	Methods for studying metazoans	S. Boulahbel

L3 Microbiology

Room I 08

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Mycology-Algology-Virology	M. Hamitou
Tuesday 04/06/2024	12:00 – 13:30	Microbial genetics	M. Hamames
Wednesday 05/06/2024	12:00 – 13:30	Microbial biochemistry	C. Djaballah
	15:30 – 17:00	Scientific English	M. Djabelkhir
Thursday 06/06/2024	12:00 – 13:30	Systematics of prokaryotes	K. Derouiche
Saturday 08/06/2024	12:00 – 13:30	Molecular biology and genetic engineering	N. Khenouchi
Sunday 09/06/2024	12:00 – 13:30	Microbial biotechnologies	K. Derouiche



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



L3 Ecology and environment

Room 13

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Technical sampling and data analysis	L. Ababsa
Tuesday 04/06/2024	12:00 – 13:30	Geomorphology	M. Kribaa
	15:30 – 17:00	Ecopedology	M. Kribaa
Wednesday 05/06/2024	12:00 – 13:30	Animal and plant ecophysiology	
Thursday 06/06/2024	12:00 – 13:30	Environmental analysis and protection	H. Khammar
Saturday 08/06/2024	12:00 – 13:30	Bioclimatology	Z. Berbache
Sunday 09/06/2024	12:00 – 13:30	Environmental pollution	N. Allaoua

L3 Biochemistry

Room I 20

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Cellular and molecular immunology	C. Boumeddous
Tuesday 04/06/2024	12:00 – 13:30	Biochemical analysis methods	K. Derouiche
	15:30 – 17:00	Cellular and functional biochemistry	M. Boulekhsaim
Wednesday 05/06/2024	12:00 – 13:30	Metabolic regulation	A. Benbout
	15:30 – 17:00	Biostatistics	B. Gheraibia
Thursday 06/06/2024	12:00 – 13:30	In-depth enzymology	A. Ouldjaoui



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



Make-up exam program of the 1st semester (S2) of the first Master year M1 2023/2024

M1 Parasitology

Room I 09

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Communication	B. Hamel
Tuesday 04/06/2024	12:00 – 13:30	Molecular biology products and techniques	W. Mazouz
Wednesday 05/06/2024	12:00 – 13:30	General parasitology	A. Boussada
	15:30 – 17:00	English	C. Ouenas
Thursday 06/06/2024	12:00 – 13:30	Method for diagnosing human and animal parasitoses	S. Boulahbel
Saturday 08/06/2024	12:00 – 13:30	Parasitic zootaxis	A. Abdessamed
Sunday 09/06/2024	12:00 – 13:30	Eco-Biology of parasite vectors	H. Medjoudj

M1 Applied microbiology

Room I 12

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Communication	B. Hamel
Tuesday 04/06/2024	12:00 – 13:30	Agro-food microbiology	A. Meradi
Wednesday 05/06/2024	12:00 – 13:30	Microbiology technique	A. Rahmani
Thursday 06/06/2024	12:00 – 13:30	Microbiology of fermentations	S. Kaouche
Saturday 08/06/2024	12:00 – 13:30	Reading the practicals	N. Khennouchi
	15:30 – 17:00	Medical virology	H. Chadi
Sunday 09/06/2024	12:00 – 13:30	Medical bacteriology	L. Meradi



University of Larbi Ben M'Hidi Oum El Bouaghi
جامعة العربي بن مهيدي أم البواقي
Faculty of Exact Sciences and Natural and Life Sciences
كلية العلوم الدقيقة والعلوم الطبيعية والحياة
Department of Natural and Life Sciences
قسم العلوم الطبيعي والحياة



M1 Ecology of natural environments

Room I 21

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Communication	B. Hamel
Tuesday 04/06/2024	12:00 – 13:30	Origin and functioning of Ecosystems	R. Hadjab
	15:30 – 17:00	Conservation and Restoration	R. Hadjab
Wednesday 05/06/2024	12:00 – 13:30	Biogeography	H. Zaidi
	15:30 – 17:00	Sustainable development	H. Zaidi
Thursday 06/06/2024	12:00 – 13:30	Study methods	N. Bekhouche
Saturday 06/06/2024	12:00 – 13:30	Hydrochemistry	H. Khammar

M1 Plant biotechnology

Room I 22

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Communication	B. Hamel
Tuesday 04/06/2024	12:00 – 13:30	Sampling strategy	A. Amokrane
	15:30 – 17:00	Molecular biology	B. Grama
Wednesday 05/06/2024	12:00 – 13:30	Applied biochemistry	A. Zellagui
	15:30 – 17:00	Plant genetics	A. Bouhbila
Thursday 06/06/2024	12:00 – 13:30	Bioinformatics	S. Kaouach
Saturday 08/06/2024	12:00 – 13:30	Bibliographic analysis	S. Nebbache
Sunday 09/06/2024	12:00 – 13:30	Plant biotechnology	M.M. Senoussi



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



M1 Applied biochemistry

Room I 23

Day and date	Time	Module	Teacher
Monday 03/06/2024	12:00 – 13:30	Communication	B. Hamel
Tuesday 04/06/2024	12:00 – 13:30	CCA	F. Zeghib
	12:00 – 13:30	RCC	F. Zeghib
Wednesday 05/06/2024	12:00 – 13:30	English	C. Ouenas
	15:30 – 17:00	ADBE1	S. Raouar
Thursday 06/06/2024	12:00 – 13:30	MBOP	M. Bouzid



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



Make-up exam program of the 3rd semester (S3) – second Master year

M2 2023/2024

M2 Plant biotechnology

Room I 03

Day and date	Time	Module	Teacher
Monday 03/06/2024	08:30 – 10:00	Scientific research methodology	S. Malki
	13:45 – 15:15	Methodology of genetic plants amelioration	F. Chehili
Tuesday 04/06/2024	08:30 – 10:00	Cell signaling and gene regulation	S. Karouche
	13:45 – 15:15	Microbial fermentation techniques and applications	M. Hamames
Wednesday 05/06/2024	08:30 – 10:00	Applied plant physiology and biochemistry	S. Malki
	13:45 – 15:15	Industrial uses of crop production	S. Malki
Thursday 06/06/2024	08:30 – 10:00	Entrepreneurship	R. Kalache
	13:45 – 15:15	Assessment and management of genetic resources	S. Zaidi

M2 Applied biochemistry

Room I 04

Day and date	Time	Module	Teacher
Monday 03/06/2024	08:30 – 10:00	Analysis Techniques in Molecular Biology	S. Karouche
	13:45 – 15:15	Control Laboratory Management	A. Djefal
Tuesday 04/06/2024	08:30 – 10:00	Genomics and Bioinformatics	O. Benslama
	13:45 – 15:15	Assurance and quality	H. Medjoudj
Wednesday 05/06/2024	08:30 – 10:00	Writing and Analysis of Articles	A. Zellagui
	13:45 – 15:15	Legislative Aspects of Quality	H. Medjoudj



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



M2 Biodiversity and Environment

Room I 05

Day and date	Time	Module	Teacher
Monday 03/06/2024	08:30 – 10:00	Evolutionary Biology and Biogeography	H. Hafid
	13:45 – 15:15	Global changes and natural disasters	H. Hafid
Tuesday 04/06/2024	08:30 – 10:00	Biodiversity dynamics and conservation biology	M.F. Hadjadj
	13:45 – 15:15	Geomatics applied to the environment	M.F. Hadjadj
Wednesday 05/06/2024	08:30 – 10:00	Conservation and Restoration Biology	Z. Berbache
	13:45 – 15:15	Laboratory Techniques	A. Zaidi
Thursday 06/06/2024	08:30 – 10:00	Entrepreneurship	R. Kalleche
	13:45 – 15:15	Organization and promotion of scientific research	A. Hamel
Saturday 08/06/2024	08:30 – 10:00	Politics and environment	N. Basa

M2 Reproductive biology and physiology

Room I 08

Day and date	Time	Module	Teacher
Monday 03/06/2024	08:30 – 10:00	Bioclimatology	Z. Berbache
	13:45 – 15:15	Reproductive pathophysiology	S.A. Allaoua
Tuesday 04/06/2024	08:30 – 10:00	Article analysis	D. Mahdi
	13:45 – 15:15	Reproductive Endocrinology	D. Mahdi
Wednesday 05/06/2024	08:30 – 10:00	Animal breeding techniques	A. Berkani
	13:45 – 15:15	Entrepreneurship	R. Kalache
Thursday 06/06/2024	08:30 – 10:00	Reproductive toxico-pharmacology	M. Lounis



University of Larbi Ben M'Hidi Oum El Bouaghi

جامعة العربي بن مهيدي أم البواقي

Faculty of Exact Sciences and Natural and Life Sciences

كلية العلوم الدقيقة والعلوم الطبيعية والحياة

Department of Natural and Life Sciences

قسم العلوم الطبيعي والحياة



M2 Applied microbiology

Room I 13

Day and date	Time	Module	Teacher
Monday 03/06/2024	08:30 – 10:00	Environmental Biotechnology	M. Aberkane
Tuesday 04/06/2024	08:30 – 10:00	Entrepreneurship	R. Kalache
Wednesday 05/06/2024	08:30 – 10:00	Control of industrial microbiology products	C. Djaballah
Thursday 06/06/2024	08:30 – 10:00	Microbial genome plasticity	O. Benslama
Saturday 08/06/2024	08:30 – 10:00	Bibliographic research and article analysis	L. Ababsa
	13:45 – 15:15	Genetic engineering applied to microbial biotechnology	N. Khennouchi
Sunday 09/06/2024	08:30 – 10:00	Analysis of experimental data in biology	B. Gheraibia
	13:45 – 15:15	Scientific English	C. Ouenas