**Make-up exam program of the 1st semester(S1) of the first year Licence**

**L1 Common core 2024/202**

**Amphitheatre 13**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 10:15 – 11:45 | Working method and terminology 1 | M. Rached-Kanouni |
| Wednesday 11/06/2025 | 10:15 – 11:45 | Mathematics statistics | S. Guerara |
| Thursday 12/06/2025 | 10:15 – 11:45 | Cellular biology | N. Bassa |
| Saturday 13/06/2025 | 10:15 – 11:45 | Geology | Kanouni |
| 15:30 – 17:00 | Universal history of biological sciences |  |
| Sunday 15/06/2025 | 10:15 – 11:45 | Communication and expression techniques 1 | C. Meziane  Y. Bentayeb |
| Monday 16/06/2025 | 10:15 – 11:45 | General and organic chemistry | M. Chebbah |

**Make-up exam program of the 3rd semester (S4) of the second year Licence**

**L2 2024/2025**

**Amphitheatre 12+11**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 08:30 – 10:00 | Genetic | A. Mechri |
| 13:45 – 15:15 | Communication techniques and expression | R. Aulmi |
| Wednesday 11/06/2025 | 08:30 – 10:00 | Ethics and academic conduct | R. Kellache |
| Thursday 12/06/2025 | 08:30 – 10:00 | Biophysics | N. Hennir |
| Saturday 13/06/2025 | 08:30 – 10:00 | Biochemistry | A. Ayat |
| 08:30 – 10:00 | plant physiology | A. Bouhbila |
| Sunday 15/06/2025 | 08:30 – 10:00 | Environment and Sustainable Development | S. Nebache |
| Monday 16/06/2025 | 08:30 – 10:00 | Zoology | N. Khelili |
| 08:30 – 10:00 | Introduction to biotechnology | Z. Kebaili |

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

**L3 2024/2025**

**L3 Plant biotechnology Room I 03**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 12:00 – 13:30 | Biostatistics | M. Boudjouraf |
| Wednesday 11/06/2025 | 12:00 – 13:30 | Genetic Bases of Biodiversity | B. Grama |
| Thursday 12/06/2025 | 12:00 – 13:30 | Biology instruments and methods and laboratory safety | Z. Kadi |
| Saturday 13/06/2025 | 12:00 – 13:30 | Physiology and Plant Multiplication | M.M. Senoussi |
| Sunday 15/06/2025 | 12:00 – 13:30 | Vegetative propagation and biotechnology | Z. Kadi |
| Monday 16/06/2025 | 12:00 – 13:30 | Scientific English | Hadjab |

**L3 Animal biology and physiology Room I 04**

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| --- | --- | --- | --- |
| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 12:00 – 13:30 | Pharmacology | W. Mazouz |
| Wednesday 11/06/2025 | 12:00 – 13:30 | Laboratory analysis techniques | O. Med Cherif |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Embryonic development | A. Saihia |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Functional histology | Y. Moumen |
| Sunday 15/06/2025 | 12:00 – 13:30 | Comparative anatomy | K. Ami |

**L3 Parasitology Room I 05**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 12:00 – 13:30 | Parasitic protozoa and metazoa | A. Abdessamed |
| Wednesday 11/06/2025 | 12:00 – 13:30 | Methods for studying protozoa | S. Khiel |
| **Wednesday 11/06/2025** | 15:30 – 17:00 | English | Hadjab |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Methods for studying metazoans | S. Boulahbel |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Bacteriology 1 | M. Aberkane |
| Sunday 15/06/2025 | 12:00 – 13:30 | Histology and physiology of mammals | S. Khiel |
| **Monday 16/06/2025** | 12:00 – 13:30 | Basic virology | W. Mazouz |

**L3 Microbiology Room I 08**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 12:00 – 13:30 | Mycology-Algology-Virology | M. Hamitou |
| Wednesday 11/06/2025 | 12:00 – 13:30 | Microbial genetics | M. Hamames |
| Thursday 12/06/2025 | 12:00 – 13:30 | Microbial biochemistry | C. Djaballah |
| 15:30 – 17:00 | Scientific English | M. Hadjab |
| Saturday 14/06/2025 | 12:00 – 13:30 | Systematics of prokaryotes | K. Derouiche |
| Sunday 15/06/2025 | 12:00 – 13:30 | Molecular biology and genetic engineering | N. Khenouchi |
| Monday 16/06/2025 | 12:00 – 13:30 | Microbial biotechnologies | K. Derouiche |

**L3 Ecology and environment Room13**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 12:00 – 13:30 | Technical sampling and data analysis | L. Ababsa |
| Wednesday 11/06/2025 | 12:00 – 13:30 | Geomorphology | M. Kribaa |
| 15:30 – 17:00 | Ecopedology | M. Kribaa |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Animal and plant ecophysiology | A.Hamel |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Environmental analysis and protection | H. Khammar |
| Sunday 15/06/2025 | 12:00 – 13:30 | Bioclimatology | Z. Berbache |
| Monday 16/06/2025 | 12:00 – 13:30 | Environmental pollution | N. Allaoua |

**L3 Biochemistry Room I 20**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 12:00 – 13:30 | Cellular and molecular immunology | C. Boumeddous |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | Biochemical analysis methods | K. Derouiche |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Metabolic regulation | A. Benbout |
| **Saturday 14/06/2025** | 12:00 – 13:30 | In-depth enzymology | A. Ouldjaoui |
| Sunday 15/06/2025 | 12:00 – 13:30 | Biostatistics | B. Gheraibia |
| Monday 16/06/2025 | 12:00 – 13:30 | Cellular and functional biochemistry | M. Boulekhsaim |

**Make-up exam program of the 1st semester (S2) of the first Master year**

**M1 2024/2025**

**M1 Parasitology Room I 09**

|  |  |  |  |
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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Monday 03/06/2024** | 12:00 – 13:30 | Communication | N.Mansouri |
| **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**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 12:00 – 13:30 | Communication | N.Mansouri |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | Agro-food microbiology | A. Meradi |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Microbiology technique | A. Rahmani |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Microbiology of fermentations | S. Kaouche |
| Sunday 15/06/2025 | 12:00 – 13:30 | Reading the practicals | N. Khennouchi |
| 15:30 – 17:00 | Medical virology | H. Chadi |
| **Monday 16/06/2025** | 12:00 – 13:30 | Medical bacteriology | L. Meradi |

**M1 Ecology of natural environments Room I 21**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 12:00 – 13:30 | Communication | N.Mansouri |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | Origin and functioning of Ecosystems | R. Hadjab |
| Thursday 12/06/2025 | 12:00 – 13:30 | Biogeography | H. Zaidi |
| 15:30 – 17:00 | Sustainable development | H. Zaidi |
| Saturday 14/06/2025 | 15:30 – 17:00 | Conservation and Restoration | R. Hadjab |
| Sunday 15/06/2025 | 12:00 – 13:30 | Study methods | N. Bekhouche |
| Monday 16/06/2025 | 12:00 – 13:30 | Hydrochemistry | H. Khammar |

**M1 Plant biotechnology Room I 22**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 12:00 – 13:30 | Communication | N.Mansouri |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | Sampling strategy | A. Amokrane |
| 15:30 – 17:00 | Molecular biology | B. Grama |
| Thursday 12/06/2025 | 12:00 – 13:30 | Applied biochemistry | A. Zellagui |
| 15:30 – 17: 00 | Plant genetics | A. Bouhbila |
| Saturday 14/06/2025 | 12:00 – 13:30 | Bioinformatics | S. Kaouach |
| Sunday 15/06/2025 | 12:00 – 13:30 | Bibliographic analysis | S. Nebbache |
| Monday 16/06/2025 | 12:00 – 13:30 | Plant biotechnology | M.M. Senoussi |

**M1 Reproductive biology and physiology Room I 01**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| Tuesday 10/06/2025 | 12:00 – 13:30 | Communication | N.Mansouri |
|  | 15.30-17 | Computer science | I. Guerfi |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | TP. Histologie Sp. | S.Boulahbel |
| Thursday 12/06/2025 | 12:00 – 13:30 | mmunologie | Moumen |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Toxicologie Fondamentale | A.Radouane |
| Sunday 15/06/2025 | 12:00 – 13:30 | Biologie Moléculaire | A.Oueldjaoui |
| Monday 16/06/2025 | 12:00 – 13:30 | Agents Pathogènes | A.Radouane |

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

**M2 2024/2025**

**M2 Plant biotechnology Room I 03**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Scientific research methodology | S. Malki |
| 13:45 – 15:15 | Methodology of genetic plants amelioration | F. Chehili |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Cell signaling and gene regulation | S. Karouche |
| 13:45 – 15:15 | Microbial fermentation techniques and applications | M. Hamames |
| **Thursday 12/06/2025** | 08:30 – 10:00 | Applied plant physiology and biochemistry | S. Malki |
| Saturday 14/06/2025 | 08:30 – 10:00 | Industrial uses of crop production | S. Malki |
| Sunday 15/06/2025 | 13:45 – 15:15 | Assessment and management of genetic resources | S. Zaidi |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entrepreneurship | R. Kalache |

**M2 Applied biochemistry Room I 04**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Analysis Techniques in Molecular Biology | S. Karouche |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Genomics and Bioinformatics | O. Benslama |
| **Thursday 12/06/2025** | 08:30 – 10:00 | Writing and Analysis of Articles | A. Zellagui |
| Saturday 14/06/2025 | 08:30 – 10:00 | Legislative Aspects of Quality | H. Medjoudj |
| Sunday 15/06/2025 | 13:45 – 15:15 | Assurance and quality | H. Medjoudj |
| **Monday 16/06/2025** | 08:30 – 10:00 | Control Laboratory Management | A. Djeffal |

**M2 Reproductive biology and physiology Room I 08**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Reproductive pathophysiology | S.A. Allaoua |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Article analysis | D. Mahdi |
| 13:45 – 15:15 | Reproductive Endocrinology | D. Mahdi |
| Thursday 13/06/2025 | 08:30 – 10:00 | Reproductive toxico-pharmacology | M. Lounis |
| Saturday 14/06/2025 | 08:30 – 10:00 | Animal breeding techniques | A. Berkani |
| **Sunday 15/06/2025** | 08:30 – 10:00 | Bioclimatology | Z. Berbache |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entreprenariat | R. Kalleche |

**M2 Applied microbiology Room I 13**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Environmental Biotechnology | M. Aberkane |
| **Tuesday 10/06/2025** | 13:45 – 15:15 | Bibliographic research and article analysis | L. Ababsa |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Control of industrial microbiology products | C. Djaballah |
| Thursday 13/06/2025 | 08:30 – 10:00 | Microbial genome plasticity | O. Benslama |
| Saturday 14/06/2025 | 08:30 – 10:00 | Analysis of experimental data in biology | B. Gheraibia |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entrepreneurship | R.Kallahce |

**M2 Ecology of natural environments Room I6**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Vegetation mapping | Y .Bezzaz |
| **Tuesday 10/06/2025** | 13:45 – 15:15 | Geographic information system | M.F.Hadjaj |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Ecosystem management plans | S. Senoussi |
| Thursday 13/06/2025 | 08:30 – 10:00 | Population genetics | Z.Barbahce |
| Saturday 14/06/2025 | 08:30 – 10:00 | Biodiversity of entities | H. Hafid |
| Synday 15/06/2025 | 08:30 – 10:00 | Eco-ethology | N.Allaoua |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entrepreneurship | R. Kalache |