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

**L1 Common core 2024/2025**

**Amphitheatre 11 (section 1) + 13 (section 2)**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 10:15 – 11:45 | Universal history of biological sciences | A. Rahmani |
| **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 14/06/2025** | 10:15 – 11:45 | Communication and expression techniques 1 | C. Meziane  Y. Bentayeb |
| **Sunday 15/06/2025** | 10:15 – 11:45 | Geology | M. Rached-Kanouni |
| 13:45 – 15:15 | Working method and terminology 1 |
| **Monday 16/06/2025** | 10:15 – 11:45 | General and organic chemistry | M. Chebbah |

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

**L2 biological sciences + ecology + plant biotechnology**

**Amphitheatre 8 (SB) + 12 (Eco + BTV)**

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| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Communication techniques and expression | B. Djouani |
| 13:45 – 15:15 | Genetic | A. Mechri |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Ethics and academic conduct | R. Kalache |
| **Thursday 12/06/2025** | 08:30 – 10:00 | Biophysics | N. Hebbir |
| **Saturday 14/06/2025** | 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. Nebbache |
| **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 (S5) of the third year Licence (L3)**

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| **L3 Plant biotechnology** | | | **Room I 02** |
| **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.S. Grama |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Biology instruments and methods and laboratory safety | Z. Kadi |
| **Saturday 14/06/2025** | 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 | O. Hadjab |
| **L3 Animal biology and physiology** | | | **Room I 03** |
| **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 | Comparative anatomy | K. Ami |
| **Sunday 15/06/2025** | 12:00 – 13:30 | Functional histology | Y. Moumen |
| **L3 Parasitology** | | | **Room I 04** |
| **Tuesday 10/06/2025** | 12:00 – 13:30 | Parasitic protozoa and metazoa | M. Tolba |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | Methods for studying protozoa | S. Khiel |
| 15:30 – 17:00 | Histology and physiology of mammals | S. Khiel |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Bacteriology 1 | M. Aberkane |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Methods for studying metazoans | M. Lounis |
| **Sunday 15/06/2025** | 12:00 – 13:30 | English | O. Hadjab |
| **Monday 16/06/2025** | 12:00 – 13:30 | Basic virology | W. Mazouz |

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| **L3 Microbiology** | | | **Room I 05** |
| **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 biochemistry | C. Djaballah |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Microbial genetics | M. Hamames |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Molecular biology and genetic engineering | N. Khenouchi |
| **Sunday 15/06/2025** | 12:00 – 13:30 | Systematics of prokaryotes | K. Derouiche |
| 15:30 – 17:00 | Scientific English | O. Hadjab |
| **Monday 16/06/2025** | 12:00 – 13:30 | Microbial biotechnology | K. Derouiche |
| **L3 Ecology and environment** | | | **Room I 08** |
| **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. Barbache |
| **Monday 16/06/2025** | 12:00 – 13:30 | Environmental pollution | I. Zidi |
| **L3 Biochemistry** | | | **Room I 09** |
| **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 | Cellular and functional biochemistry | M. Boulekhsaim |
| **Sunday 15/06/2025** | 12:00 – 13:30 | In-depth enzymology | A. Ouldjaoui |
| **Monday 16/06/2025** | 12:00 – 13:30 | Biostatistics | B. Gheraibia |

**Make-up exam program of the 1st semester (S1) of the first Master year (M1)**

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| **M1 Applied microbiology** | | | **Room I 13** |
| **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 | L. Meradi |
|  | 15:30 – 17:00 | Medical bacteriology | L. Meradi |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Microbiology of fermentations | S. Kaouache |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Reading the practicals | N. Mansouri |
| **Sunday 15/06/2025** | 12:00 – 13:30 | Medical virology | N. Mansouri |
| **Monday 16/06/2025** | 12:00 – 13:30 | General microbiology technique | H. Medjoudj |
| **M1 Ecology of natural environment** | | | **Room I 12** |
| **Tuesday 10/06/2025** | 12:00 – 13:30 | Communication | N. Mansouri |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | Biogeography | H. Zaidi |
| 15:30 – 17:00 | Sustainable development |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Population study and inventory methods | N. Bekhouche |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Conservation and Restoration | R. Hadjab |
| 15:30 – 17:00 | Origin and functioning of Ecosystems |
| **Sunday 15/06/2025** | 12:00 – 13:30 | Hydrochemistry and water quality | H. Khammar |
| **M1 Applied biochemistry** | | | **Room I 17** |
| **Tuesday 10/06/2025** | 12:00 – 13:30 | Communication | N. Mansouri |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | English | B. Djouani |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Regulation and Cellular Communication | F. Zeghib |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Bioactive molecules of prokaryotic origin | F.F. Kebaili |
| **Sunday 15/06/2025** | 12:00 – 13:30 | Cell Culture and Applications | F. Zeghib |
| **Monday 16/06/2025** | 12:00 – 13:30 | Analysis of Experimental Data in Biology | S. Raouar |

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| **M1 Plant biotechnology** | | | **Room I 20** |
| **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 | Experiments strategies in biology | A. Amokrane |
| 15:30 – 17:00 | Molecular biology | B.S. Grama |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Applied biochemistry | A. Zellagui |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Plant genetics | A. Bouhbila |
| **Sunday 15/06/2025** | 12:00 – 13:30 | Bioinformatics | S. Kaouache |
| 15:30 – 17:00 | Bibliographic analysis | S. Nebbache |
| **Monday 16/06/2025** | 12:00 – 13:30 | Plant biotechnology | M.M. Senoussi |
| **M1 Reproductive biology and physiology** | | | **Room I 18** |
| **Tuesday 10/06/2025** | 12:00 – 13:30 | Communication | N. Mansouri |
| **Wednesday 11/06/2025** | 12:00 – 13:30 | Basic toxicology | S. Radouane |
| 15:30 – 17:00 | Pathogens agents |
| **Thursday 12/06/2025** | 12:00 – 13:30 | Special histology | S. Boulahbel |
| **Saturday 14/06/2025** | 12:00 – 13:30 | Immunology | Y. Moumen |
| **Sunday 15/06/2025** | 12:00 – 13:30 | Computer science | I. Guerfi |
| **Monday 16/06/2025** | 12:00 – 13:30 | Molecular biology | A. Ouldjaoui |

**Make-up exam program of the 3rd semester (S3) of the second Master year (M2)**

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| **M2 Applied microbiology** | | | **Room I 07** |
| **Day and date** | **Time** | **Module** | **Teacher** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Environmental biotechnology | M. Aberkane |
| 13:45 – 15:15 | Scientific and technical English | B. Djouani |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Control of industrial microbiology products | C. Djaballah |
| **Thursday 12/06/2025** | 08:30 – 10:00 | Bibliographic research and article analysis | L. Ababsa |
| **Saturday 14/06/2025** | 08:30 – 10:00 | Microbial genome plasticity | O. Benslama |
|  | 13:45 – 15:15 | Genetic engineering applied to microbial biotechnology | N. Khenouchi |
| **Sunday 15/06/2025** | 08:30 – 10:00 | Analysis of experimental data in biology | S. Raouar |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entrepreneurship | R. Kalache |
| **M2 Ecology of natural environment** | | | **Room I 10** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Vegetation mapping | Y. Bezaz |
| 13:45 – 15:15 | Geographic information system | M.F. Hadjadj |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Ecosystem management plans | S. Senoussi |
| **Thursday 12/06/2025** | 08:30 – 10:00 | Eco-ethology | N. Allaoua |
| **Saturday 14/06/2025** | 08:30 – 10:00 | Biodiversity of biological entities | H. Hafid |
| **Sunday 15/06/2025** | 13:45 – 15:15 | Population genetics | Z. Barbache |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entrepreneurship | R. Kalache |
| **M2 Plant biotechnology** | | | **Room I 11** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Scientific research methodology | S. Malki |
| 13:45 – 15:15 | Applied plant physiology and biochemistry |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Methodology of genetic plants amelioration | F. Chehili |
| **Thursday 12/06/2025** | 08:30 – 10:00 | Cell signaling and gene regulation | S. Karouche |
| 13:45 – 15:15 | Microbial fermentation techniques and applications | M. Hamames |
| **Saturday 14/06/2025** | 08:30 – 10:00 | Assessment and management of genetic resources | S. Zaidi |
| **Sunday 15/06/2025** | 08:30 – 10:00 | Industrial uses of crop production | S. Malki |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entrepreneurship | R. Kalache |

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| **M2 Reproductive biology and physiology** | | | **Room I 15** |
| **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 12/06/2025** | 08:30 – 10:00 | Reproductive toxico-pharmacology | S. Boulahbel |
| **Saturday 14/06/2025** | 08:30 – 10:00 | Animal breeding techniques | A. Berkani |
| **Sunday 15/06/2025** | 08:30 – 10:00 | Bioclimatology | Z. Barbache |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entreprenariat | R. Kalache |
| **M2 Parasitology** | | | **Room I 19** |
| **Tuesday 10/06/2025** | 08:30 – 10:00 | Prophylaxis and control of parasitoses | A. Boussada |
| 13:45 – 15:15 | Anti-vector control | N. Mansouri |
| **Wednesday 11/06/2025** | 08:30 – 10:00 | Methods for combating parasites | Z. Chettouh |
| **Thursday 12/06/2025** | 08:30 – 10:00 | Epidemiology of parasitoses worldwide | A. Abdessamed |
| **Saturday 14/06/2025** | 08:30 – 10:00 | Zoonoses | M. Tolba |
| **Sunday 15/06/2025** | 08:30 – 10:00 | Bibliographic analysis and scientific articles | S. Senoussi |
| **Monday 16/06/2025** | 08:30 – 10:00 | Entrepreneurship | R. Kalache |