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| **Timetable: Master 2 Specialty: Ecology of natural environments Semester 3 (2023-2024) Class :20 Block I** | | | | | | |
|  | **8h00-9h30** | 9h30-l1h00 | **11h00-l2h30** | 12h30-14h00 | 14h00-15h30 | 15h30-17h00 |
| **Sunday** | Haut du formulaire  Eco-ethology  **Mrs/ Allaoua**  Course | Haut du formulaire  Eco-ethology  **Bas du formulaire**  **Mrs/Debassi**  Practical work G1/G2 | Haut du formulaire  Eco-ethology  **Mrs/Debassi**  Tutorial G1 | Haut du formulaire  Eco-ethology  **Mrs/Debassi**  Tutorial G2 | Entrepreneurship  **Course** |  |
| **Monday** | Haut du formulaire  Eco-ethologyBas du formulaire  **Mrs/Allaoua**  Course | Haut du formulaire  Population genetics  **Mrs/ Rached**  Course | Haut du formulaire  Vegetation mapping  **Mrs/ Rached**  Course | Haut du formulaire  Population genetics  **Mrs/ Zarouki**  Tutorial G1 | Population genetics  **Mrs/ Zarouki**  Tutorial G2 |  |
| **Tuesday** |  | Haut du formulaire  Vegetation mapping  Practical work G1 Mr : | Haut du formulaire  Vegetation mapping  Practical work G2 Mr : |  |  |  |
| SIG  Practical work G2  **Mr/Hmida** | SIG  Practical work G1  **Mr/Hmida** |
| **Wednesday** | Haut du formulaire  Vegetation mapping  **Mrs/Rached**  Course | SIG  **Mrs/Rached**  Course |  | Haut du formulaire  Vegetation mapping  Tutorial G1**Mrs /Zarouki** | Haut du formulaire  Vegetation mapping  Tutorial G1  Mr/Zarouki |  |
| Haut du formulaire  Biodiversity of biological entities  **Mr :Benachrine**  Tutorial G2 | Haut du formulaire  Biodiversity of biological entitiesBas du formulaire  **Mr :Benachrine**  Tutorial G2 |
| **Thursday** | Haut du formulaire  Biodiversity of biological entities  **Bas du formulaireMrs/Hafid**  Course | Haut du formulaire  Ecosystem Management Plan  **Mrs :**  Course | Haut du formulaire  Ecosystem Management Plan  **Mrs :**  Tutorial G1 | Haut du formulaire  Ecosystem Management Plan  **Mrs :**  Tutorial G2 |  |  |

**Timetable Master 2 Spesiality : Applied Biochemistry Semester3 (2023-2024) Class : 23 Block I**

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|  | **8h-9.30h** | **9.30h-11h** | **11h-12.30h** | **12.30h-14h** | **14h-1530h** | **15.30h-17h** |
| **Saturday** |  |  | **Communication**  Online Lecture  Ms. |  |  |  |
| **Sunday** |  | **GL** Lecture  Dr. Djeffal | **GBI** Lecture  Pr. Benslama |  | **RAA** Lecture  Pr. Zellagui |  |
| **Monday** | **AQ**  Lecture  Ms: Benayad | **TABM** Lecture  Dr. Karouche |  | **GL** Labwork (TP) G1/ G2  Dr. Djeffal ; Biochemistry Lab | |  |
| **TABM** Labwork (TP) G1/ G2  Dr. Karouche; Biochemistry Lab | |
| **Tuesday** | **RAA** Tutorial (TD)  Pr. Zellagui | **GBI** Lecture  Pr. Benslama |  | **GBI** Tutorial (TD)  Pr. Benslama | **GBI** Labwork (TP)  Pr. Benslama |  |
| **Wednesday** |  | **ALCQ** Lecture  Ms. Benayad |  | **TABM** Lecture  Dr. Karouche | **GL** Lecture  Dr. Djeffal |  |
| **Thursday** |  |  |  |  |  |  |

Laboratories management (**GL),** Genomics and Bioinformatics **(GBI),** Writing and Analysis of Articles **(RAA),** Analysis Techniques inMolecular Biology **(TABM),** Quality assurance **(AQ),** Legislative Aspects of Quality Control **(ALCQ)**

**Timetable master 2 Speciality : Applied Microbiology Semester 3 (2023/2024). Class : 22 Block I**

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|  | **8.00-9.30** | **9.30-11.00** | **11.00-12.30** | **12.30-14.00** | **14.00-15.30** | **15.30-17.00** |
| **Saturday** |  | **Scientific and technical English**  CLASS ONLINE | **Entrepreneurship and project management**  CLASS ONLINE  Ms. ABABSA |  |  |  |
| **Sunday** | **Analysis of experimental data in biology**  CLASS  Mr. ROUAR | **Genome plasticity**  CLASS  Ms. BENSLAMA | **Analysis of experimental data in biology**  Tutorial  Mr. ROUAR |  | **Environmental biotechnology**  CLASS  Ms. ABERKENE | **Environmental biotechnology**  Labwork  Ms. ABERKENE |
| **Monday** | **Environmental biotechnology**  CLASS  Ms. ABERKENE | **Control of industrial microbiology products**  CLASS  Mr. DJABALLAH | **Bibliographic research and article analysis**  CLASS  Mr. ABABSA |  |  |  |
| **Tuesday** |  | **Genome plasticity**  Labwork  Ms. RAHAL | **Genetic engineering applied to microbial biotechnology**  CLASS  Ms. KHENNOUCHI |  | **Genetic engineering applied to microbial biotechnology**  Labwork  Ms. RAHAL |  |
| **Wednesday** | **Genetic engineering applied to microbial biotechnology**  CLASS Ms. KHENNOUCHI | **Control of industrial microbiology products**  CLASS  Mr. DJABALLAH |  |  |  |  |
| **Thursday** | **Control of industrial microbiology products**  Labwork G1  Ms. BOUKELKOULE | |  | **Control of industrial microbiology products**  Labwork G2  Ms. BOUKELKOULE | |  |

**Time table master 2 Specialty : Plant Biotechnology Semester 3 /2023-2024 Class : 19 Block I**

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| **Time** | **8h-9.30h** | **9.30h-11h** | **11h-12.30h** | **12.30h-14h** | **14h-15:30h** | | **15.30h-17h** | |
| **Saturday** |  |  | Entrepreneurship  **(Course)**  **Class OnlineMrs.** |  |  | | | |
| **Sunday** | **Industrial uses of crop production**(Course) | **Applied plant physiology and biochemistry**  (Course)    **Mrs.** Malki |  | **Industrial uses of crop production**(Practical work)  1 /15 Labo: biotechnologie  **Mrs. Achaura** | | | |  |
|  | **Mrs. Malki** | **Applied plant physiology and biochemistry**  (Practical work)  1 /15 Labo: biotechnologie  **Mrs. Goul** | | | |
| **Monday** | **Applied plant physiology and biochemistry**  (Directed work)  **Mrs.** Malki | **Industrial uses of crop production**  (Directed work)  **Mrs.** Malki |  | **Evaluation and management of genetic resources**  **(Course)**  **Mrs.** Zaidi | | **Evaluation and management of genetic resources**  **(**Directed work)  **Mrs.** Zaidi | |  |
|  |  | |
| **Tuesday** | **Methodology of scientific research**(Course)  **Mrs.** Malki | **Methodology of scientific research**(Directed work)  **Mrs. Grama** |  | **Plant Breeding Methodology**  (Course)  **Mrs.** Chehili | | **Plant Breeding Methodology**  (Directed work)  **Mrs.** Chehili | |  |
| **Wednesday** | **Cell signaling and gene regulation**  (Course)  **Mrs.** Karrouche | **Cell signaling and gene regulation**  (Directed work)  **Mrs.** Karrouche |  | **Plant Breeding Methodology**  (Practical work)  Labo: biotechnologie  **Mrs.** Chehili | | | |  |
| **Thursday** |  | **Techniques and applications of microbial fermentation** (Course)  **Mr.** Hamames |  | **Techniques and applications of microbial fermentation** (Practical work)  1 /15 Labo:  **Mr.** Hamames | | | |  |

**Timetable master 2 Speciality : Biodiversity and Environnment Semester 3 (2023/2024) Class : 20 Block I**

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|  | **8h-9:30h** | **9:30h-11h** | **11h-12:30h** | **12:30h-14h** | **14h-15:30** | **15:30h-17h** |
| **Saturday** |  | Business and Project Management | |  |  |  |
| **Sunday** |  | Laboratory Techniques  Course  **MS ZIDI Anissa** | Evolutionary biology and biogeography  Course  **Ms HAFID H** |  | Global change and natural disasters  Practical work  MS HAFID H |  |
| **Monday** | Laboratory Techniques  Practical work  **MS ZIDI Anissa** | Geomatics applied to the environment  Course  **Mr Hadjadj MF** | Biodiversity dynamics and conservation biology  Course  **Mr Hadjadj MF** |  | Biodiversity dynamics and conservation biology  Practical work  **Mr Hadjadj MF** |  |
| **Tuesday** | Organizing and promoting scientific research  Course  **M BOUDIAF** | Global change and natural disasters  Course  **HAFID H** | Evolutionary biology and biogeography  Course  **Ms HAFID H** |  | Evolutionary biology and biogeography  Practical work  **HAFID H** |  |
| **Wednesday** |  | Politics and the environment  Course  **Ms Bassa Nora** |  | Conservation Biology and Restoration  Course  **Mr BARBACHE Zakaria** | Conservation Biology and Restoration  Practical work  **Mr BARBACHE Zakaria** |  |
| **Thursday** |  | Geomatics applied to the environment  Course  **Mr HADJADJ** |  | Geomatics applied to the environment  Practical work  **Mr HADJADJ** | |  |

**Biology and Physiology of Reproduction Timetable master 2 Semester 2 (2023-2024) Class : 21 Block I**

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| **Days / Time** | 8h-9.30h | 9.30h-11h | 11h-12.30h | 12.30h-14h | 14h-15.30h | 15.30h-17h |
| **Saturday** |  | **ENTREPRENEURSHIP**  **Course. Enligne:**  **Ms** |  |  |  |  |
| **Sunday** |  | **ENDOCRINOLOGY OF**  **REPRODUCTION**  **Course**  **Ms ; Mahdi** |  | **ANIMAL HUSBANDRY TECHNIQUES**  **Course**  **Ms ; Berkani** | **ENDOCRINOLOGY OF**  **REPRODUCTION**  **Tutorial**  **Ms ; Berkani** |  |
| **Monday** | **PHYSIOPATHOLOGY OF REPRODUCTION**  **Course**  **Ms ; Allaoua S** | **PHYSIOPATHOLOGY OF REPRODUCTION**  **Tutorial**  **Ens ; Allaoua S.** |  | **TOXICOPHARMACOLOGY OF REPRODUCTION**  **Course**  **Ms Boudiaf** | **TOXICOPHARMACOLOGY OF REPRODUCTION**  **Tutorial**  **Ms Boudiaf** |  |
| **Tuesday** |  | **PHYSIOPATHOLOGY OF REPRODUCTION**  **Course**  **Ms Boudiaf** |  | **ANIMAL HUSBANDRY TECHNIQUES**  **Course**  **Ms ; Berkani** | **ANIMAL HUSBANDRY TECHNIQUES**  **Tutorial**  **Ms ; Berkani** |  |
| **Wednesday** | **ENDOCRINOLOGY OF**  **REPRODUCTION**  **Course**  **Ms ; Mahdi** | **ARTICLES ANALYSIS**  **Tutorial**  **Ms ; Mahdi** |  | **ARTICLES ANALYSIS**  **Course**  **Ms ; Mahdi** |  |  |
| **Thursday** | **BIOCLIMATOLOGY**  **Course**  **Mr. Berbache** | **BIOCLIMATOLOGY**  **Tutorial**  **Mr.. Berbache** | **PHYSIOPATHOLOGY OF REPRODUCTION**  **Course**  **Ms ; Allaoua** |  |  |  |