**Timetable: 3rd year license Specialty: Microbiology Semester 5 (2023-2024) Class : 11 Block I**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **8-9.30** | **9.30-11** | **11-12.30** | **12.30-14** | **14-15.30** | **15.30-17** |
| **Saturday** |  | Scientific English**Miss Khenfar**(Distance lessons) |   |  |  |
| **Sunday** | Myco. algo. virology**Mr. Hamitou**Course  | Myco. algo. Virology (Practical work)**Mr. Hamitou** G01/G2 Microbiology lab |  |  |
| Microbial biochemistry (Practical work)**Mrs. Meziani**G01/G02 Microbiology lab |
| **Monday** |  | Systematics of prokaryotes**Mr. Derouiche**Course  | Microbial biochemistry**Mr. Djaballah**Course  |   | Molecular biology and genetic engineering (Directed work)**Miss. Achoura**G01/G02  |  |
| **Tuesday** | Myco. algo. virology**Mr. Hamitou**Course  | Molecular biology and genetic engineering **Mrs. Khenouchi**Course  | Microbial genetics**Mr. Hamames**Course  |  |   |
| **Wednesday** |  | Molecular biology and genetic engineering **Mrs. Khenouchi**Course  | Microbial biochemistry**Mr. Djaballah**Course  |  | Systematics of prokaryotes (Practical work)**Miss. Malaoui**G01/G02 Microbiology lab |
| Thursday | Microbial genetics(Directed work) **Mr. Hamames**G02/G2 | Systematics of prokaryotes**Mr. Derouiche**Course  | Microbial biotechnology**Mr. Derouiche**Course  |  |  |

**Timetable: 3rd year licence Speciality : Parasitology Semester 5 (2023-2024) Class : 12 Block I**

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|  | **8-9.30** | **9.30-11** | **11-12.30** | **12.30-14** | **14-15.30** | **15.30-17** |
| **Saturday** |  | Scientific English**Miss Khenfar**(Distance lessons) |  |  |   |  |
| **Sunday** | Bacteriology 1Mme. ABERKANECourse  | Fundamental Virology Ms. MAZOUZCourse  |  | Fundamental Virology Ms. MAZOUZTD G01+ G02 |  |  |
| **Monday** | TP Histology and physiology of mammals Mme. KHAIAL**G01/G02( 1/15)** **Labo Animal**  **Biology** | Bacteriology 1Mme. ABERKANECourse  |  | TP Bacteriology 1Mme. ABERKANE**G01/G02( 1/15)****Labo Microbiology** |
| **Tuesday** | Protozoa andMetazoan parasites Mme. ABDSSEMEDCourse  | Methods of studyingMetazoaMme. ABDSSEMEDCourse  |  | TP Methods of studying MetazoaMme. ABDSSEMED**G01/G02( 1/15)****Labo Zoology** |  |
| **Wednesday** | Fundamental Virology Ms. MAZOUZTD G01+ G02 | Protozoa andMetazoan parasites Mme. ABDSSEMEDCourse  |  | TP Protozoa and Metazoan parasitesMme. ABDSSEMED**G01/G02( 1/15) Labo Zoology** |  |
| TP Methods of studying protozoaMe. KHAIAL**G01 ( 1/7) Labo Zoology** |
| **Thursday** | Methods of studyingProtozoa Mme. KHAIALCourse  | Histology and physiologyof mammals Mme. KHAIALCourse  |  |  TP Methods of studyingProtozoa Mme. KHAIAL**G02 ( 1/7) Labo Zoology**  |  |

**Timetable for the 3rd year of the BIOCHEMISTRY license (semester 5) Academic year 2023-2024 Class : 13 Block I**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **8am-9.30am** | **9.30am-11am** | **11am-12.30pm** | **12:30 p.m.-2 p.m.** | **2 p.m.-3:30 p.m.** | **3:30 p.m.-5 p.m.** |
| **Sunday** | **Biostatistics**Mr. GHERAIBIAcourse **Class 13** | **Cellular and functional biochemistry**Mr. BOULAKHSAIMCourse **Class 13** |     | **Cellular and functional biochemistry**Mr. BoulakhsaimTW **Class 13** | **Biostatistics**Mr. GHERAIBIATW **Class 13** |   |
| **Monday** |  | **Cellular and functional biochemistry**Mr. BoulakhsaimCourse **Class 13** |      | **Biochemical analysis methods**Mr. DEROUICHECourse **Class 13** | **Metabolic regulation**Mrs. BENBOTTcourse **Class 13** |      |
| **Tuesday** |     | **Cellular and molecular immunology**Mrs. BOUMEDOUSCourse **Class 13** | **Extensive enzymology**Mr. OULDJAOUI Course **Class 13** |  | **Extensive enzymology**Mr. OULDJAOUI Course **Class 13** |    |
| **Wednesday** |  | **Biochemical analysis methods** (9:00 a.m.-11:00 a.m.)Mr. BOUDJOURAFPWG1/G2  |        | **Extensive enzymology**M. BOUDJOURAFTW **Class 13**   |     |        |
| **Extensive enzymology** (9:00 a.m.-11:00 a.m.)Ms. LOUNISTP G1/G2 |
| **Thursday** | **Metabolic regulation**Mrs. BENBOTTCourse **Class 13**  | **Metabolic regulation**Mrs. BENBOTTTW **Class 13** |        | **Cellular and molecular immunology**Mrs. BOUMEDOUSTW **Class 13** | **Cellular and molecular immunology**Mrs. BOUMEDOUSCourse **Class 13** |      |

**Timetable: 3rd year license Specialty: Ecology and Environment5 (2023-2024) Class : 15 Block I**

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| --- | --- | --- | --- | --- | --- | --- |
| Heure | 8h-9.30h | 9.30h-11h | 11h-12.30h | 12.30h-14h | 14h-1530h | 15.30h-17h |
| **Saturday** | / | / | / | / | / | / |
| **Sunday** | Sampling Techniques and Data Analysis Ens/ ABABSA Cours  | Sampling Techniques and Data Analysis Ens/ ABABSATD G1S/C1  |  | GeomorphologyCours Ens :  |  |  |
| **Monday** | Animal and plant eco physiologyEns : Zouainia **Course**  | Animal and plant eco physiologyZouainiaTD  |  | Animal and plant eco physiologyZouainia**Course**  | Ecopedology Kribaâ Course  |  |
| **Tuesday** | Ecopedology EnsKribaâ Cours | Ecopedology Kribaâ TD  |  | Analysis and protection of the environment :Hadjeb Course  | Analysis and protection of the environment TD Ens:Hadjeb |  |
| **Wednesday** | Environmental PollutionAllaouaCours  | Environmental PollutionAllaoua TD  |  | Bioclimatology BarbacheCourse  | Bioclimatology Barbache TD  |  |

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| **Timetable: 3rd year licence Speciality : Animal Biology and Physiology S5 (2023-2024) Class: 10 Block I** |
| **Heure** | **8h-9.30h** | **9.30h-11h** | **11h-12.30h** | **12.30h-14h** | **14h-15.30h** | **15.30h-17h** |
| **Sunday** | **Pharmacology** Ens: MazouzCourse  | **Pharmacology TD Ens:** Mazouz |  | **Embryonic development** Ens: SaihiaCourse | **TP Embryonic development****Ens: Saihia** |
| **Monday** | **Embryonic development**Ens: Saihia cours  | Embryonic developmentEns: SaihiaTD  |  | **Laborator analytical techniques**Course Ens: Derouiche |  |  |
| **Tuesday** | **Comparative anatomy**Ens: Amie Course  | **TP****Comparative anatomy**Ens: Amie  |  |  |  |
| **Wednesday** | **Functional Histology**Ens: Moumen**TP** | **Functional Histology**MoumenCourse  |  |  |  |
| **Thursday** | **Laboratory analytical techniques TP****Ens:**  |  | **Laboratory analytical techniques**Course Ens: Derouiche  |  |  |

**Timetable: 3rd year license Specialty:plant Biotechnology Semester 5 (2023-2024) Class: 17 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** |  | Scientific English**Miss Khenfar**(Course) Online |  |  |  |  |
| **Sunday** | **Plant physiology**(Course) **Mr. senoussi** | **Genetic bases of biodiversity**(Course) **Mr. Grama** | **Genetic bases of biodiversity**(Directed work)**Mr. Grama** |  |  |  |
| **Monday** | **Instruments and biology methods and laboratory safety**(Course) **Mrs. Kadi** | **Multiplication vegetative and biotechnology****(**Course) **Mrs. Kadi** |  |  |  |  |
| **Tuesday** | **Plant physiology**(Course) **Mr. Senoussi** | **Plant physiology**(Practical work) G1**Mrs. Chehili** | **Instruments and biology methods and laboratory safety**(Practical work) G1**Mr. Chebout** |  |  |  |
| **Instruments and biology methods and laboratory safety**(Practical work) G2**Mr. Chebout** | **Plant physiology**(Practical work) G2**Mrs. Chehili** |
| **Wednesday** | **Multiplication vegetative and biotechnology**(Course) **Mrs. Kadi** | **Multiplication vegetative and biotechnology** (Practical work) G1**Mrs. Kadi** | **Multiplication vegetative and biotechnology** (Practical work) G2**Mrs. Kadi** |  |  |  |
| **Thursday** | **Biostatistics**(Course)**Mr. Boudjouref** | **Biostatistics**(Directed work)**Mr. Boudjouref** |  |  |  |  |