Université de Toulouse

Faculté sciences et ingénierie Université de Toulouse

PÉRIODE D'ACCRÉDITATION : 2022 / 2026

UNIVERSITE DE TOULOUSE

SYLLABUS MASTER

Mention Functional Biology and Ecology

M2 TULIP - EUR/Graduate School

http://www.fsi.univ-tlse3.fr/
https://www.labex-tulip.fr/La-Graduate-School/Le-Master-TULIP-GS

2026 / 2027

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TABLE SUMMARIZING THE MODULES THAT MAKE UP THE TRAINING PROGRAM

page	Code	Title of the module	semestre*	ECTS	Mandatory Optional	Cours	TD	Mentoring EUR	Projet	Stage ne
First semester										
8	KEBE9AAU	GUIDED TOUR OF THE INTERNATIONAL COMMUNITY-PART-1	I	3	O	15	15			
9	KEBE9ABU	CONSTRUCTION OF THE INDIVIDUAL INTERNSHIP PRO-JECT	I	10	O			40		
10	KEBE9ACU	INDIVIDUAL INTERNSHIP AND REPORTING-PART-1	I	17	O					2
Second semester										
11	KEBEAAAU	GUIDED TOUR OF THE INTERNATIONAL COMMUNITY-PART-2	II	3	O	15	15			
12	KEBEAABU	INDIVIDUAL INTERNSHIP AND REPORTING-PART-2	II	21	O					10
13	KEBEAACU	TEAM WRITING OF A MINI REVIEW ARTICLES	II	6	O				300	

* **AN** :year long teaching, **I** : first semester, **II** : second semester

LIST OF THE MODULES

UE	GUIDED TOUR OF THE INTERNATIONAL COMMUNITY-PART-1	3 ECTS	1st semester
KEBE9AAU	Cours : 15h , TD : 15h	Teaching in anglais	Personal work 45 h
URL	https://www.labex-tulip.fr/La-Graduate-School/Le-Master-TULIP-GS		

[Retour liste des UE]

UE	CONSTRUCTION OF THE INDIVIDUAL INTERNSHIP PROJECT	10 ECTS	1st semester
KEBE9ABU	Mentoring EUR : 40h	Teaching in anglais	Personal work 250 h
URL	https://www.labex-tulip.fr/La-Graduate-School/Le-Master-TULIP-GS		

[Retour liste des UE]

UE	INDIVIDUAL INTERNSHIP AND REPORTING-PART-1	17 ECTS	1st semester
KEBE9ACU	Stage ne : 2h	Teaching in anglais	Personal work 425 h
URL	https://www.labex-tulip.fr/La-Graduate-School/Le-Master-TULIP-GS		

[Retour liste des UE]

UE	GUIDED TOUR OF THE INTERNATIONAL COMMUNITY-PART-2	3 ECTS	2nd semester
KEBEAAAU	Cours : 15h , TD : 15h	Teaching in anglais	Personal work 45 h
URL	https://www.labex-tulip.fr/La-Graduate-School/Le-Master-TULIP-GS		

[Retour liste des UE]

UE	INDIVIDUAL INTERNSHIP AND REPORTING-PART-2	21 ECTS	2nd semester
KEBEAABU	Stage ne : 12h	Teaching in anglais	Personal work 525 h
URL	https://www.labex-tulip.fr/La-Graduate-School/Le-Master-TULIP-GS		

[Retour liste des UE]

UE	TEAM WRITING OF A MINI REVIEW ARTICLES	6 ECTS	2nd semester
KEBEAACU	Projet : 300h	Teaching in anglais	Personal work 150 h
URL	https://www.labex-tulip.fr/La-Graduate-School/Le-Master-TULIP-GS		

[Retour liste des UE]

GLOSSARY

GENERAL TERMS

DEPARTMENT

The departments are teaching structures within components (or faculties). They group together teachers lecturing in one or more disciplines.

MODULE

A semester is structured into modules that may be mandatory, elective (when there is a choice) or optional (extra). A module corresponds to a coherent teaching unit whose sucessful completion leads to the award of ECTS credits.

ECTS: EUROPEAN CREDITS TRANSFER SYSTEM

The ECTS is a common unit of measure of undergraduate and postgraduate university courses within Europe, created in 1989. Each validated module is thus assigned a certain number of of ECTS (30 per teaching semester). The number of ECTS depends on the total workload (lectures, tutorials, practicals, etc.) including individual work. The ECTS system aims to facilitate student mobility as well as the recognition of degrees throughout Europe.

TERMS ASSOCIATED WITH DEGREES

Degrees have associated domains, disciplines and specialities.

DOMAIN

The domain corresponds to a set of degrees from the same scientific or professional field. Most of our degrees correspond to the domain Science, Technology and Health.

DISCIPLINE

The discipline corresponds to a branch of knowledge. Most of the time a discipline consists of several specialities.

SPECIALITY

The speciality constitutes a particular thematic orientation of a discipline chosen by a student and organised as a specific trajectory with specialised modules.

TERMS ASSOCIATED WITH TEACHING

LECTURES

Lectures given to a large group of students (for instance all students of the same year group) in lecture theatres. Apart from the presence of a large number of students, lectures are characterized by the fact they are given by a teacher who defines the structure and the teaching method. Although its content is the result of a collaboration between the teacher and the rest of the educational team, each lecture reflects the view of the teacher giving it.

TD : TUTORIALS

Tutorials are work sessions in smaller groups (from 25 to 40 students depending on the department) led by a teacher. They illustrate the lectures and allow students to explore the topics deeper.

TP : PRACTICALS

Teaching methods allowing the students to acquire hands-on experience concerning the knowledge learned during lectures and tutorials, achieved through experiments. Practical classes are composed of 16 to 20 students. Some practicals may be partially supervised or unsupervised. On the other hand, certain practicals, for safety reasons, need to be closely supervised (up to one teacher for four students).

PROJECT

A project involves putting into practice in an autonomous or semi-autonomous way knowledge acquired by the student at the university. It allows the verification of the acquisition of competences.

FIELD CLASS

Field classes are a supervised teaching method consisting of putting into practice knowledge acquired outside of the university.

INTERNSHIPS

Internships are opportunities enabling students to enrich their education with hands-on experience and to apply lessons learned in the classroom to professional settings, either in industry or in research laboratories. Internships are strongly regulated and the law requires, in particular, a formal internship convention established between the student, the hosting structure and the university.


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