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Visit the Evobio website here !



APPLICATIONS

Master Evobio's capacity : 15 places in Master 1.

Admission to the first year of the master's program is subject to the examination of candidates' application. Candidates shall hold:

- a BSc (Licence) in Population Biology or equivalent,
- relevant theoretical knowledge and practical experience (previous academic program, skills acquired, academic level, internship ...)
- a motivation to study in an multicultural environment (international mobility,...)

- good english skills (minimum scores for Toefl paper test 550; IELTS:6.5; CEF Europass: B2)

International students must complete the Campus France procedure as soon as possible (CampusFrance.org/en) for application to the Master and Student Visa.

Students with no Campus France agency and Europeans have to go through the university's application program e-candidat

<https://candidat.univ-lille.fr/>

RECRUITMENT CALENDAR

- Campus France: before 01/01/2022

E-candidat:

1st. round: opening from February 28, 2022

to April 11, 2022

2d round: opening from May 2, 2022 to June 6, 2022

INTERNATIONAL RELATIONSHIP

▪ The University of Lille has a policy of supporting international access to its courses. That's why it has introduced special procedures to make international students feel welcome and form collaborations.

<https://www.univ-lille.fr/home/international-student/>

- Practical information for your stay at the University of Lille

<https://international.univ-lille.fr/en/toolbox/>

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GRADUATE PROGRAMME
'SCIENCE FOR A
CHANGING PLANET'

Master

Master 1 - Master 2

Mention

Biodiversity Ecology Evolution

EVOLUTIONARY
BIOLOGY
(EVOBIO)



MASTER MENTION BIODIVERSITÉ ÉCOLOGIE ÉVOLUTION

MASTER 1 - TRONC COMMUN			MASTER 1 GRADUATE PROGRAM Evolutionary biology (EvoBio)
MASTER 2 parcours Ecologie et restauration des milieux dégradés (ECOREMID)	MASTER 2 parcours Expertise naturaliste et gestion de la biodiversité (ENGB)	MASTER 2 parcours Fonctionnement et gestion des écosystèmes marins (FOGEM)	MASTER 2 GRADUATE PROGRAM pathway Evolutionary biology (EvoBio)

OBJECTIVES

The Master Evolutionary Biology (EvoBio) is a new master of the Graduate programme of Lille University. It is a two years (4 semester, 30 ECTS each) International Master's program taught in English and including a mobility in foreign universities.

The objective of the course is to provide students with high-level knowledge and skills in Evolutionary Biology in order to potentially continue towards Doctoral studies.

TARGETED SKILLS

- to be expert in Evolutionary Biology and notably in population genomics, evolutionary students genomics, statistics and modelling;
- to have a good understanding of ecological concepts, bioinformatic tools and NGS data management;
- to be well prepared to start a PhD thesis;
- to develop high skills in project management, intercultural communication, and be fluent in English.

JOB OPPORTUNITIES & FURTHER STUDIES

At the end of this training, students can apply for engineering-level positions, both in the public and private sectors, or for the preparation of a PhD thesis in France or abroad. The training, entirely taught in English, consists of courses, practical work and internships. Internships will be followed by a dissertation and a defence.

The Master EvoBio is organized by the Evolution, Ecology and Paleontology Lab (EEP).

The Master Evolutionary Biology (EvoBio) trains students to become: Researcher (after defending a thesis), Environmental engineer, Scientific mediator.

In sectors such as Public research establishments, environmental offices, natural museums, natural reserves, Bio-technological Industries (sequencing, ...).

THIS MASTER'S DEGREE PROGRAMME IS PART OF THE GRADUATE PROGRAMME 'SCIENCE FOR A CHANGING PLANET'

A research-driven and interdisciplinary training in a competitive and innovative scientific environment offering research internships, international mobility grants, and professional networking for successful career planning. Graduate Programme students can actively interact with PhDs during thematic events to prepare their careers and to tackle the scientific and technological challenges of our time.

Key figures

8 MSc, 2 Graduate Schools, 12 Laboratories, 55 PhDs/Year

Scholarships

3 different scholarships are awarded by the Graduate Programme « Science for a Changing Planet » to support students' studies (3500€/Year), Facilitate settling down in Lille (3500€), and foster outgoing International mobility (up to 3000€).

- deadline: 15th March 2022 (First call)
- deadline: 20th June 2022 (Second call)

More information about eligibility, criteria, and application



<https://international.univ-lille.fr/graduate-programmes/science-for-a-changing-planet/bourses-etudes-mobilite-these/>



TRAINING'S ORGANISATION

- The master EvoBio is a 2 years course in English.

The course is organized around 4 blocks of knowledge and skills:

- BKS1 - Knowledge on biodiversity at different scales and the functioning of natural and anthropized ecosystems**
- BKS2 - Selection, development and application of tools dedicated to biological and ecological objects**
- BKS3 - Design and management of projects in ecology and evolution**
- BKS4 - Training valorisation to build a professional project**

The graduate program promotes international mobility: students in the graduate programme must spend part of their curriculum or of their research traineeship abroad. To ensure that this mobility takes place in the best conditions, we are developing collaborations with others universities and grants are potentially available to help with the mobility costs.

Master 1 - Semester 1 (30 ECTS):

- BKS1
 - Conservation genetics
 - Evolutionary biology and population dynamics
 - Introduction to Omics data
- BKS2
 - Statistics initiation with R
 - Informatic tools for biologists
- BKS3
 - English
 - Scientific communication
- BKS4 - Student project

Master 1 - Semester 2 (30 ECTS):

- BKS1
 - From genotype to phenotype
 - Theoretical modelling
 - Ecology : from theory to experiments
- BKS2
 - Multivariate statistics
 - Analysis of empirical population genetics data
 - Experimental approaches in ecology
- BKS4
 - Research in «global changes and biodiversity»
 - Research Internship

Master 2 - Semester 1 (30 ECTS)

- BKS1
 - Population genomics
 - Evolutionary genomics
 - Macroevolution
- BKS2
 - GLM Statistics
 - Introduction to Bioinformatics
- BKS3 - Project management
- BKS4
 - Bibliographic project
 - Research in «evolution of mating systems»

Master 2 - Semester 2 (30 ECTS)

- BKS3 - Research Internship (5-6 months)

STRENGTH OF THE TRAINING

- High level of supervision and training
- A master degree in a stimulating scientific Environment within the Graduate Programme «Science for a changing planet» <http://www.site-univ-lille.fr/index.php/en/graduate-programme-science-for-a-changing-planet/>