AND DIRECTORS COORDINATORS

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ADMINISTRATIVE

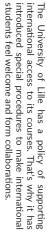
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Building SN4 - office 12 bis



Visit the EvoBio website here!





Practical information for your stay at the University of

compétences



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 academic level, internship ...) experience (previous academic program, skills acquired, knowledge and practical
- a motivation to study in an multicultural environment (international mobility...).
- good english skills (minimum scores for Toefl paper test 550; IELST: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://ecandidat.univ-lille.fr/



- **CALENDAR** RECRUITMENT
- Campus France: before 01/01/2022
- 1st. round: opening from February 28, 2022 to April 11, 2022 2d round: opening from May 2, 2022 to June 6, 2022 E-candidat:

INTERNATIONAL

RELATIONSHIP

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

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



CHANGING PLANET SCIENCE FOR A GRADUATE PROGRAMME

Master

Master 1 - Master 2

Mention

Biodiversity Ecology Evolution

BIOLOGY EVOLUTIONARY (EVOBIO)





Responsable de la rédaction





MASTER MENTION BIODIVERSITÉ ÉCOLOGIE ÉVOLUTION

MASTER 1 - TRONC COMMUN

GRADUATE PROGRAM Evolutionary biology MASTER 1

(EvoBio)

Ecologie et **MASTER 2** parcours

naturaliste et

parcours Expertise

MASTER 2

Fonctionnement et gestion des **MASTER 2** parcours

pathway Evolutionary biology **GRADUATE PROGRAM** MASTER 2

TARGETED SKILLS

 to be expert in Evolutionary Biology and students genomics, statistics and modelling; notably in population genomics, evolutionary

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

OBJECTIVES

- to have a good understanding of ecological concepts, bioinformatic tools and NGS data management;
- to be well prepared to start a PhD thesis;

ry Biology in order to potentially continue towards with high-level knowledge and skills in Evolutiona-The objectif of the course is to provide students and including a mobility in foreign universities.

Doctoral studies.

 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. Interships will be followed by a dissertation

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 officies, natural museums, natural reserves, Bio-technological industries (sequencing, ...)

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

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

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

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

- 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 organised around 4 blocks of knowledge and skills:

ecosystems BKS1- Knowledge on biodiversity at different scales and the functioning of natural and anthropized

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 developping collaborations with others universities and grants are potentially available to help with the mobility costs. Master 2 - Semester 1 (30 ECTS)

Master 1 - Semester 1 (30 ECTS):

BKS1

- Conservation genetics
 Evolutionary biology and population dynamics
- Introduction to Omics data

BKS3

Statistics initiation with R

BKS2

 Macroevolution Population genomics
 Evolutionary genomics

BKS3 - Project management

Introduction to Bioinformatics

GLM Statistics

Informatic tools for biologists

English

Scientific communication

BKS4 - Student project

Master 1 - Semester 2 (30 ECTS):

From genotype to phenotype

BKS3 - Research Internship (5-6 months)

Master 2 - Semester 2 (30 ECTS)

Bibliographic project Research in «evolution of mating systems»

 Theorical modelling Ecology: from theory to experiments

BKS2

- Analysis of empirical population genetics data Multivariate statistics
- Experimental approaches in ecology

- Research in «global changes and biodiversity»
- Research internship

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.isite-ulne.fr/index.php/en/graduate-programme-science-for-