APPLICATIONS
Master GP-EvoBio's capacity: 15 places in Master 1.
Recruitment calendar: opening from 02/03/20 to 20/04/20. Admissions will be released on 04/05/20.
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 a 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/

RECRUITMENT CALENDAR
- Campus France: before 06/03/2020
- e-candidat: 02/03 to 24/04/2020

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://www.univ-lille.fr/home/international-student-tool-box/
OBJECTIVES
The Master Evolutionary Biology (EvoBio) is a new master of the Graduate program 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 objectif 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 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.

TRAINING'S ORGANISATION
- The master GP-EvoBio is a 2 years course in English.

The course is organised 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: for all masters belonging to the Graduate Program, students have to spend part of the course abroad for a semester or during one of the research internships.

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
  - From genotype to phenotype
  - Conservation genetics
  - Evolutionary biology and population dynamics
  - Introduction to Omics data
- BKS2
  - Statistics initiation with R
  - Bioinformatics tools
- BKS3 - English
- BKS4 - Student project

Master 1 - Semester 2 (30 ECTS):
- BKS1
  - Theorical modelling
  - Ecology : from theory to experiments
- BKS2
  - Multivariate statistics
  - Methods in ecology
- BKS3 - Project management
- 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 - Bibliographic project
- BKS4
  - Scientific communication
  - Research in «evolution of mating systems»

Master 2 - Semester 2 (30 ECTS)
- BKS3 - Research Internship (5-6 months)

The teaching units can be shared with the other pathways of the mention Biodiversity Ecology and Evolution (BEE) and of the Graduate Program.

STRENGTH OF THE TRAINING
- High level of supervision and training