



PREREQUISITES

Students must have a master 1 in biology or an equivalent medical degree.



DATES

> 30 hrs /
November 2024



LOCATION

Musée de l'Homme,
17 Place du Trocadéro - 75016 Paris



SCIENTIFIC HEAD

Evelyne HEYER, Professeure
MNHN - UMR 7206 - Anthropologie
Génétique

Lluís Quintana-Murci, Professeur
Institut Pasteur - UMR 2000 Human
Evolutionary Genetics



CONTACT AND REGISTRATION

For registration send an E-mail to
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LES COURS MUSÉUM HUMAN EVOLUTIONARY GENETICS

The objectives of this class is to provide students with theoretical and empirical knowledge on the evolution of growth, reproduction and survival in humans. Thus, with this knowledge in hand, to understand how human societies have incorporated genetic, biological and behavioural traits into the construction of their social organizations.

TEACHING OBJECTIVES

- > To provide students with theoretical and empirical knowledge on the evolution of our species and its genetic diversity.
- > To understand advanced methods in molecular and population genetics applied to human evolution.

TEACHING OUTLINE

- > Introduction to genomic data
- > A genetic and paleoanthropological view of human origins
- > Evolutionary and cultural forces shaping human genomic diversity
- > Neutral diversity and demography inference
- > Natural selection at a genome-wide scale
- > Evolution and infectious diseases
- > Genetics of infectious diseases and human migrations
- > Human genetics and evolutionary medicine

DELIVERY TYPE

Classroom, teaching resources might be available on the MNHN distance-learning platform.

Course given in English

For students, the validation of the ECTS necessitate the success of an exam (consisting of half knowledge questions and half an essay answering an open question). For others, presence alone allows validation.