



PREREQUISITES

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



DATES

> 30 hrs /
November 2024



LOCATION

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



SCIENTIFIC HEAD

Samuel Pavard, Maître de conférences MNHN - UMR 7206 - Biodémographie humaine



CONTACT AND REGISTRATION

For registration send an E-mail to **Samuel Pavard**



LES COURS MUSÉUM BIODEMOGRAPHY

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 growth, reproduction and survival in humans.
- > To understand how human societies have incorporated genetic, biological and behavioural traits into the construction of their social organizations.

TEACHING OUTLINE

- > Population biology and Life-history theory – Diversity of the life-cycles, main concepts in ecology and population biology; measures and models in population dynamics and evolution.
- > Human life-history and demography – Humans amongst mammals and primates; human demographic history.
- > Infancy and childhood – Biological, behavioral and cultural determinants of mortality and growth; early life effects.
- > Adult reproductive life – Adolescence, mating choices, marriage practices; males and females fertility and fecundity; evolution of menopause and andropause.
- > Old ages and senescence – Aging in modern population; ecology, genetic and biology of aging; evolutionary theory of senescence; allelic spectrum of old age diseases in humans.

METHODS USED

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

Course given in English.