



COURS MUSÉUM

Biodemography

Date: 27th of November to the 1th of December 2017

Effectives: 30

Number of hours: 30 hours

Language: English

Head:

Samuel Pavard
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Prerequisites:

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

Registration fees:

Free for master students from the universities belonging to the COMUEs Sorbonne Universités and Sorbonne Paris Cité
Free for doctorants,
50€ for master students from other universities
100€ for individual training,
400€ for public sector,
800€ for private sector.

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

- 1./ 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.
- 2./ Human life-history and demography – Humans amongst mammals and primates; human demographic history.
- 3./ Infancy and childhood – Biological, behavioral and cultural determinants of mortality and growth; early life effects.
- 4./ Adult reproductive life – Adolescence, mating choices, marriage practices; males and females fertility and fecundity; evolution of menopause and andropause.
- 5./ 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.

MUSÉE DE L'HOMME

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