

HUMAN BIODEMOGRAPHY

Samuel Pavard

Effectives: 30

Language: English

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

Where?

Musée de l'Homme, Paris

When?

November 21-25

Evaluation:

Exam

Questions:

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Number ECTS: 3

Total numbers of hours:
30

Teaching format:

Lectures

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; 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; évolution of old age

diseases in humans.