

# Thesis

## Lecturers

Katia CASTETBON (Coordinator) and Annie ROBERT

## Course mnemonic

MEMO-L650

## ECTS credits

15 credits

## Language(s) of instruction

English

## Course period

First and second terms

## Campuses

Erasme and Outside campus ULB

## Course content

- MEMO-L-650[A]: Seminars in epidemiological methods (K. Castetbon): methods used in surveillance; attributable fraction of the risk; use an interpretation of anthropometry; implementation of epidemiological research on the field; systematic review and evidence-based practices; critical appraisal of scientific articles... Topics will be adapted according to the interest of the students.
- MEMO-L-650[B]: Health survey protocol (I. Godin, K. Castetbon): typical sections of a protocol; development of a questionnaire; information and consent letters; sampling plan; use of biomarkers...
- MEMO-L-650[C]: Integration of statistical and epidemiological methods (K. Castetbon, A. Robert): based on "real" databases, to carry out the complete process of conception, analysis, interpretation and presentation of results according to an epidemiological objective.

## Objectives (and/or specific learning outcomes)

To elaborate, apply and criticize epidemiological and statistical methods in Public Health.

## Teaching method and learning activities

- Seminars (including external lecturers)
- Practical exercises in biostatistics and epidemiology
- Lectures

Due to the Covid-19 constraints, first courses will be taught online. The course modules will be recorded and teachers will be online during the time slots foreseen in the timetable. As soon as possible, and when the sanitary conditions allow, the courses will be held in-person.

## References, bibliography and recommended reading

- See recommendations given during the lessons.

## Course notes

Université virtuelle

## Other information

### Place(s) of teaching

Erasme and Outside campus ULB

### Contact(s)

Katia CASTETBON (katia.castetbon@ulb.be)

## Evaluation method(s)

Group work, Personal work, Written report and Practice work

### Evaluation method(s) (additional information)

MEMO-L-650[A]: essay on a given article.

MEMO-L-650[B]: in-group development of a protocol.

MEMO-L-650[C]: report & presentation of the final integrated exercise.

**Depending on the sanitary conditions, modalities may be adapted.**

### Determination of the mark (including the weighting of partial marks)

MEMO-L-650[A]: 30%

MEMO-L-650[B]: 30%

MEMO-L-650[C]: 40%

All activities A, B and C should be greater than or equal 10/20 overall to pass the Learning Unit at the 1<sup>st</sup> session.

Second session:

When the Learning Unit is not validated at the 1<sup>st</sup> session, the 2<sup>d</sup> session will include one examination regarding the failed activity part(s).

### Main language(s) of evaluation

English

## Programmes

Programmes proposing this course at the school  
of Public Health

MS-STME | Specialized Master in Public Health

Methodology | unit U

