

## Institute of Statistics



### STAT3310 Statistics seminar

[30h] 6 credits

This course is taught in the 1st and 2nd semester

**Teacher(s):** Michel Denuit, Bernadette Govaerts, Christian Hafner (coord.), Philippe Lambert, Jean-Marie Rolin, Léopold Simar, Sébastien Van Belleghem, Ingrid Van Keilegom, Rainer von Sachs

**Language:** English

**Level:** Third cycle

#### Aims

Following the series of statistical seminars shall make you familiar with the notion of research in statistics and help you to develop the necessary abilities for scientific communication.

#### Main themes

In this weekly seminar of the Institute of Statistics mostly international researchers present the results of their work in both theoretical and methodological statistics. Following a basic introduction into the treated field, recent research is presented by the speaker.

The seminar concludes with an open discussion during which questions of the public, including the students, are encouraged.

#### Content and teaching methods

##### Content

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##### Teaching methods

Interactions between the speakers and the students are encouraged, by motivating the students to ask questions to and to have discussions with the speakers during or after the seminars.

#### Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

##### Prerequisites

A good knowledge of probability and statistics is necessary.

##### Evaluation

The evaluation consists of two parts:

- preparation of discussions around two seminars (asking question(s) to the speaker, and write a report on the discussion following this)
- an oral exam, during which the student explains in his own words the content of two preselected seminars, and gives some additional explanations, examples, background, etc

##### Teaching materials

For each of the seminars the article that will be presented is available to the student in advance.

##### Professors

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- Ingrid Van Keilegom, phone : 010/47 43 30, e-mail : [vankeilegom@stat.ucl.ac.be](mailto:vankeilegom@stat.ucl.ac.be)
- Rainer von Sachs, phone : 010/47 88 06, e-mail : [rvs@stat.ucl.ac.be](mailto:rvs@stat.ucl.ac.be)

**Programmes in which this activity is taught**

**MAPA3DA** Diplôme d'études approfondies en mathématique  
**STAT3DA** Diplôme d'études approfondies en statistique

**Other credits in programs**

<b>STAT3DA</b>	Diplôme d'études approfondies en statistique	(6 credits)	
<b>STAT3DA/E</b>	diplôme d'études approfondies en statistique (statistique et économétrie)	(6 credits)	Mandatory
<b>STAT3DA/M</b>	Diplôme d'études approfondies en statistique (méthodologie de la statistique)	(6 credits)	Mandatory
<b>STAT3DA/P</b>	diplôme d'études approfondies en statistique (pratique de la statistique)	(6 credits)	Mandatory