

**STAT****STAT3320 Applied statistics workshops**

[15h] 3 credits

This course is taught in the 1st semester

**Teacher(s):** Bernadette Govaerts, Philippe Lambert, Christian Ritter  
**Language:** english  
**Level:** 3rd cycle course

**Aims**

Participants in this course will learn about applying statistical thinking in real life problems and about recent statistical advances with immediate practical potential. This seminar publicly announced offers to a public of applied statisticians a place to meet and to present and discuss their work. It gives the opportunity to the students to open their mind to various application domains of statistics.

**Main themes**

Each seminar (1 hour) is presented by a different speaker coming from a private or public company or from universities. The themes can be applications of statistical tools to various application domains, tutorials on recent statistical domains or methodological aspects of applied statistics and statistical consulting.

The presentations are more focused on the methodological aspects and main results than on the mathematical details of the discussed problems.

**Content and teaching methods**

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

Courses of the DEC in statistics

**Evaluation**

Students who wish to attend this seminar for credit must attend a sufficient number of presentations and participate actively in the discussions following the participations. They then select two of the seminars, review their content, and prepare short talks which render the essential content and situates the talks in a wider context.

**Other credits in programs**

<b>MAP23</b>	Troisième année du programme conduisant au grade d'ingénieur civil en mathématiques appliquées	(2 credits)	
<b>STAT3DA</b>	Diplôme d'études approfondies en statistique		Mandatory
<b>STAT3DA/B</b>	diplôme d'études approfondies en statistique (biostatistique et épidémiologie)	(3 credits)	
<b>STAT3DA/M</b>	Diplôme d'études approfondies en statistique (méthodologie de la statistique)	(3 credits)	
<b>STAT3DA/P</b>	diplôme d'études approfondies en statistique (pratique de la statistique)	(3 credits)	