








3.00 credits

15.0 h

Q1 and Q2

Language :	English > French-friendly
Place of the course	Louvain-la-Neuve
Prerequisites	Concepts and tools equivalent to those taught in teaching units LSTAT2110 Analyse des données LSTAT2120 Linear models LSTAT2100 Modèles linéaires généralisés et données discrètes
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.
Learning outcomes	<b>At the end of this learning unit, the student is able to :</b>  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. 1
Evaluation methods	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. The oral exam is then based on a choice of 2 seminars, for which they review their content, and prepare short talks which render the essential content and situates the talks in a wider context. At least one of the two talks must be made in English. Students present the exam in small groups and are evaluated on their talks but also on their participation during the presentations of other students (questions/answers). This evaluation will be organized face-to-face or remotely (via Teams) according to the evolution of the situation.
Teaching methods	Online seminar for the first semester and face-to-face or online for the second semester depending on the evolution of the situation.
Content	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.
Inline resources	The slides of the seminars will be made available to students via Moodle (or on request to the professor in case of confidentiality problems).
Faculty or entity in charge	LSBA

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Data Science : Statistic	DATS2M	3		
Master [120] in Statistics: Biostatistics	BSTA2M	3		
Master [120] in Statistics: General	STAT2M	3		
Master [120] in Electro- mechanical Engineering	ELME2M	3		
Master [120] in Mathematical Engineering	MAP2M	3		
Master [120] in Data Science Engineering	DATE2M	3		
Master [120] in Data Science: Information Technology	DATI2M	3		
Master [120] in Energy Engineering	NRGY2M	3		