lstat2390
2020

Applied statistics workshops

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

3 credits	15.0 h	Q1 and Q2

Teacher(s)	Legrand Catherine ;Ritter Christian ;
Language :	English
Place of the course	Louvain-la-Neuve
Prerequisites	*The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.*
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.
Aims	1 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. - - - - *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** 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 wich 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	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** 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	Aims
Master [120] in Data Science : Statistic	DATS2M	3		🔍
Master [120] in Data Science Engineering	DATE2M	3		🔍
Master [120] in Data Science: Information Technology	DATI2M	3		🔍
Master [120] in Statistic: General	STAT2M	3	LSTAT2110 AND LSTAT2120	🔍
Master [120] in Statistic: Biostatistics	BSTA2M	3		🔍