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Teacher(s)	Marquis Nicolas ;
Language :	French
Place of the course	Bruxelles Saint-Louis
Prerequisites	<i>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.</i>
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <ul style="list-style-type: none"> • Understand the logic behind sampling, inference and hypothesis testing • Choose the basic statistical tools that will enable them to answer a research question • Master bivariate analyses and the associated statistical tests • Master the basics of multivariate analyses (factorial and classification analysis) • Conduct analyses based on data produced via a questionnaire (requires BPOLS1330) • Interpret analysis results, in particular through the accurate use of vocabulary • Reflect on the responsibility of the apprentice researcher at the different stages of statistical analysis • Produce a data analysis report using various forms of visualisation • Use the R software to perform the various operations relating to the subjects covered in the course
Evaluation methods	<p>Students will be assessed 1) through a deliverable that will be a group assignment – instructions will be given during the first lesson and made available on Moodle – (50% of the points) 2) through an 2h examination at the end of the term (50% of the points). As part of the assessment of the assignment, teachers reserve the right to invite a student to defend the work individually, during an oral interview.</p> <p>The global mark is the geometric average of the two parts: $\#((\text{PointsExamen}/20) * (\text{PointsTravail}/20))$</p> <p>The mark of the successful assessment (examination or work) may be retained, unless specifically requested by the student, during the same academic year.</p>
Teaching methods	<p>The course will be given in person.</p> <p>The course will provide the theoretical elements necessary to master the different methods: understanding the ingredients, the logic, the conditions of use and the interpretation of the results. Starting from concrete problems, it will be as participatory as possible.</p> <p>Description of the practical work (device(s) set up, service(s) expected from the students...):</p> <p>The practical exercises will take place according to modalities that are mostly distant and partly face-to-face, explained during the first session. They will mainly allow :</p> <ul style="list-style-type: none"> - The assessment of the mastery of theoretical elements studied during the course - The practice of various methods through the SPSS software - Exercises of interpretation on various outputs. <p>They will require active commitment and participations from the students. They will also be the opportunity for the students to ask the question they may have about the course, and to prepare the building of the deliverable (cf. below).</p>
Bibliography	Sera communiquée au fil du cours. Les slides seront rendus disponibles sur moodle.
Other infos	<p>At the university level, it is up to the students to decide whether they attend to the lessons or not. Teacher and assistants of course recommend a maximal attendance at both lessons and TPs. Except in the event of force majeure, non-attendance and its potential consequence are the student's sole responsibility.</p> <p>In the same way, students are free to organize their time during the academic year. Once again, we recommend a continuous assessment of the course comprehension AS WELL AS a continuous commitment in the deliverable.</p> <p>Students who decide not to follow those instructions and who would unfortunately fail at the January examination round should be aware that no catching-up session will be organized in the second term, nor in ex-cathedra teaching, nor in informal meetings with teaching assistants. The course content, about which the students were allowed to ask questions during the first term will be considered as seen and understood.</p> <p>Students who failed in January will of course be given the opportunity to get explanation about their deliverable and examination, but it is their sole responsibility to bring the needed improvement at June or August sessions.</p>

Faculty or entity in charge	ESPB
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Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Information and Communication	COMB1BA	5	BPOLS1235	
Bachelor in Information and Communication (French-English)	COAB1BA	5	BPOLS1235	
Bachelor in Information and Communication (French-Dutch-English)	COTB1BA	5	BPOLS1235	
Bachelor in Sociology and Anthropology	SOCB1BA	5	BPOLS1231 AND BPOLS1235	
Bachelor in Sociology and Anthropology (French-English)	SOAB1BA	5	BPOLS1231 AND BPOLS1235	
Bachelor in Sociology and Anthropology (French-Dutch-English)	SOTB1BA	5	BPOLS1231 AND BPOLS1235	
Bachelor in Political Sciences	SPOB1BA	5	BPOLS1231 AND BPOLS1235	
Bachelor in Political Sciences (French-English)	SPAB1BA	5	BPOLS1231	
Bachelor in Political Sciences (French-Dutch-English)	SPTB1BA	5	BPOLS1231 AND BPOLS1235	