


The version you're consulting is not final. This course description may change. The final version will be published on 1st June.

3.00 credits

30.0 h

Q1

Teacher(s)	Descampe Antonin ;
Language :	French
Place of the course	Louvain-la-Neuve
Learning outcomes	
Evaluation methods	<p>Continuous assessment without examination in January in two modes: individual and/or group assignments accounting for 70% of the final grade, and knowledge tests accounting for 30% of the grade. In September, individual custom assignment due on the first day of the session.</p> <p><u>Use of AI tools</u></p> <p>The use of artificial intelligence during the assessments of this course is governed by the rules mentioned in the faculty note on this subject and available on the faculty intranet site in the information for students.</p>
Teaching methods	Teaching methods include ex-cathedra courses, practical exercises (during and outside the courses), tutorials to be followed on Moodle and group work on a journalistic production project involving data.
Content	<ul style="list-style-type: none"> • Context: data for journalism • Data processing: acquisition, cleaning and verification, analysis and visualization • Data storytelling in journalistic production
Inline resources	Presentation materials, useful links, work instructions and other external resources will be made available to students on the Moodle platform of the course .
Bibliography	<p>Bateman, S., Mandryk, R. L., Gutwin, C., Genest, A., McDine, D., & Brooks, C. (2010, April). Useful junk?: the effects of visual embellishment on comprehension and memorability of charts. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (pp. 2573-2582). ACM.</p> <p>Bertin, J. (1983). Semiology of graphics; diagrams networks maps (No. 04; QA90, B7.).</p> <p>Cairo, A. (2015). Graphics lies, misleading visuals. In New Challenges for Data Design (pp. 103-116). Springer, London.</p> <p>Heer, J., Bostock, M., & Ogievetsky, V. (2010). A tour through the visualization zoo. Commun. Acm, 53(6), 59-67.</p> <p>Fox, W. Statistiques sociales. (1999). Traduction et adaptation de la troisième édition américaine par Louis Imbeau, De Boeck.</p> <p>Spence, R. (2007). Information Visualization: Design for Interaction.</p> <p>Tufte, E. (2001). The visual display of quantitative information, 2nd edition. Graphics Press.</p> <p>Ware, C. (2012). Information Visualization, 3rd Edition, Perception for Design. Morgan Kaufmann.</p>
Other infos	<p>English-friendly Course</p> <ul style="list-style-type: none"> • Reading: bibliographical references in English can be provided • Questions: students can ask their questions in English • Evaluation: students can do presentations and answer exam questions in English • Dictionary: students are allowed to use a dictionary (monolingual French dictionary or bilingual French-mother tongue dictionary, as specified by the teacher), including for exams
Faculty or entity in charge	COMU

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [60] in Information and Communication	COMU2M1	3		
Master [120] in Journalism	EJL2M	3		