UCLouvain

lfial2620

2017

Natural language processing

5 credits	22.5 h	Q1

Teacher(s)	Fairon Cédrick ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The course begins with the architectural study of a complex automatic language processing system (recognition, analysis, generation). It continues with the study of the central linguistic theories and computer formalities of ANLP. Special attention is given to the presentation and analysis of real applications.
Aims	1 The course will teach students the basic theory necessary to understanding the current objectives and issues of the automatic natural language processing (ANPL). At the same time, students will learn to analyse and explain the practical and technical limits that arise in the elaboration of computer systems aimed at language processing (problems of ambiguity, necessity of linguistic resource adaptability, multilingualism, etc.). By the end of the course, students will have received an overview of the "state of the art" in ANLP, be able to take a critical approach to ANLP applications, and have a general knowledge of the main theories in the field. - - - - *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	/
Teaching methods	/
Content	The course is comprised of interactive lectures. A reading folder made up of specialised articles allows students to prepare for courses, which begin with a question and answer period.
Inline resources	/
Bibliography	/
Other infos	Nil.
Faculty or entity in charge	FIAL

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Linguistics	LING2M	5		
Master [120] in French and Romance Languages and Literatures : French as a Foreign Language	FLE2M	5		
Master [120] in Ancient and Modern Languages and Literatures	LAFR2M	5		
Master [120] in data Science: Statistic	DATS2M	5		