Université catholique de Louvain

LFLTR1630 2010-2011

Logic and Argumentation in Human Sciences

3.0 credits

30.0 h

1q

Teacher(s) :	Leclercq Jean ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Content : in order to meet our goals, we shall start by examining hypothetical and syllogistic arguments. We shall then look into different techniques, such as the definition and the analysis of a concept, inductive research into causes, the role of the preferable, and the arguments to establish or refute a thesis. Students will confront these techniques in every course in the social sciences, and this will allow them to examine how founded the arguments they encounter are. Method : the lecture course leads into a series of tutorial sessions that apply logical and argumentative techniques to the social sciences found in the programs of the Faculty. The students are invited to find on their own examples of the techniques discussed in the course.
Aims :	By the end of this course, the students should be able to criticize an argument by examining how its concepts are specified, how it establishes its facts, its research into causes and their consequences, its value judgments, and the proofs the argument offers in favor, or against, a position. Regarding the latter, the students should distinguish between the formal validity of an argument from the veracity of its premises [its soundness?]. 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".
Content :	Content : in order to meet our goals, we shall start by examining hypothetical and syllogistic arguments. We shall then look into different techniques, such as the definition and the analysis of a concept, inductive research into causes, the role of the preferable, and the arguments to establish or refute a thesis. Students will confront these techniques in every course in the social sciences, and this will allow them to examine how founded the arguments they encounter are. Method : the lecture course leads into a series of tutorial sessions that apply logical and argumentative techniques to the social sciences found in the programs of the Faculty. The students are invited to find on their own examples of the techniques discussed in the course.
Other infos :	Assessment: Students must carry out a series of exercises and provide some examples. These exercises will be corrected by the lecturer in the presence of the students. Students are asked to orally justify their answers and correct their mistakes.
Cycle and year of study :	 Bachelor in Psychology and Education: General Bachelor in Ancient and Modern Languages and Literatures Bachelor in Information and Communication Bachelor in Philosophy Bachelor in Ancient languages and Literatures : Classics Bachelor in Modern Languages and Literatures: German, Dutch and English Bachelor in French and Romance Languages and Literatures : General Bachelor in Economics and Management Bachelor in Modern Languages and Literatures : General Bachelor in Motor skills : General Bachelor in Modern Languages and Literatures : General Bachelor in Political Sciences: General Bachelor in Political Sciences: General Bachelor in Ancient Languages and Literatures: Oriental Studies Bachelor in Ancient Languages and Literatures: Oriental Studies Bachelor in Mathematics Bachelor in Biomedicine Bachelor in Biomedicine Bachelor in Pharmacy Bachelor in Pharmacy Bachelor in Religious Studies Preparatory year for Master in sciences of religions Preparatory year for Master in Family and Sexuality Studies
Faculty or entity in charge:	FIAL