

2.0 credits	30.0 h	2q
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Teacher(s) :	Ghins Michel ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Each year, three central topics are examined. For example: the issue of the arrow of time and irreversible processes in thermodynamics and chaos theory, the epistemological status of models in science and the problem of their correspondence with some unobservable entities and processes, the ethical status of human embryos and cloning.
Aims :	<p>The aim of this course is to make last year students in science to think about some current central themes in philosophy of science, which are related to their interests and the scientific discipline in which they have decided to specialize. They will have to analyse, alone or with others, a specific philosophical question that they will choose in relation to the themes discussed in classroom lectures. The students will have to be able to convey the results of their investigation in a written essay and an oral presentation.</p> <p><i>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".</i></p>
Other infos :	<p>Method:</p> <p>The course begins with a few lectures in which we present our methodology and the three main topics. The students register on iCampus and form groups of at most three people. Each group chooses a precise topic of investigation and a bibliography, with the instructor's approval. The instructor is readily available to the students to give them the relevant information and help them to write their essay. At the end of the course, the students make an oral presentation of their essay during a study day, in the presence of all students.</p> <p>Attendance to lectures is required.</p> <p>Lecture notes and selected bibliography are made available.</p> <p>The evaluation is based on the essay and the oral presentation.</p>
Cycle and year of study :	<p> > Master [120] in Geography : General > Master [60] in Geography : General > Master [120] in Geography : Climatology > Master [120] in Philosophy > Teacher Training Certificate (upper secondary education) - Philosophy > Master [60] in Philosophy > Master [120] in Mathematics > Master [60] in Mathematics > Master [120] in Physics > Master [60] in Physics > Master [120] in Chemistry > Master [60] in Chemistry > Master [60] in Biology > Master [120] in Biochemistry and Molecular and Cell Biology > Master [120] in Biology of Organisms and Ecology > Master [120] in Environmental Science and Management </p>
Faculty or entity in charge:	SC