

5.0 credits	45.0 h	2q
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Teacher(s) :	Pourtois Hervé ; Feltz Bernard ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	<p>The aim of the course is to provide an introduction to contemporary philosophy of science, understood as a philosophical theory of scientific knowledge and practice. Such a philosophical reflection about science cannot but be articulated in close relationship with the sciences themselves, particularly in their historical dimension. Consequently, we shall throughout the course make references to the scientific disciplines themselves.</p> <p>The main topics addressed will be: the epistemic status of scientific theories and models; the dynamics of science; the scope, and limits, of scientific knowledge; scientific explanation; realism; reductionism; the role of finality; naturalism; etc.</p>
Aims :	<p>The aim of the course is to introduce the students to contemporary philosophy of science.</p> <p>By the end of the course, the student should have mastered the central problems and main authors concerned with articulating a philosophy of nature in the 20th Century. The student should be able to present a question (orally or in writing), in a clear, synthetic, and precise manner. The student will be expected to argue in a rigorous manner in favor of one of the positions addressed while also taking a critical stance towards that same position. Finally, the student will be able to orient him or herself in the literature on philosophy of science.</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>
Content :	<p>The course has two parts :</p> <ol style="list-style-type: none"> 1. Philosophy of the natural sciences 2. Philosophy of the human sciences <p>1. Philosophy of the natural sciences : Bernard Feltz</p> <p>2. Philosophy of the Human Sciences : Tom Dedeurwaerdere</p> <p>This second part of the lectures will give an introduction to the philosophical issues behind the theory of governance, as it is developed in the contemporary human and social sciences. The main objective is go beyond formal approach to social regulation, as it exists both in ethics and in law, by shifting towards a study of the trajectory of the practical application of the norm in a social context.</p> <p>In particular, this second part will examine the epistemological tools available in the new critical theory. Both the debate on the criticism of functionalism in human sciences (Jürgen Habermas, Andrew Feenberg) and the alternative reflexive approaches (Gunter Teubner, Ulrich Beck) will be the object of the study.</p>
Other infos :	<p>Pre-requisites: The course presupposes an elementary knowledge of formal logic.</p> <p>Assessment: The course will be taught by three lecturers, who will work together closely, and will be evaluated through one, final, exam. The assessment will take the form of an oral exam based on the issues discussed in the class or on an essay written by the student.</p> <p>Supporting material: Complete class-notes as well as a bibliography are available.</p> <p>Course holder/Course Supervision: Lecturers only.</p>

<p>Cycle and year of study :</p>	<ul style="list-style-type: none"> > Bachelor in Psychology and Education: General > Bachelor in Ancient and Modern Languages and Literatures > Bachelor in Information and Communication > Bachelor in Law > Bachelor in Engineering : Architecture > Bachelor in Ancient languages and Literatures : Classics > Bachelor in Modern Languages and Literatures: German, Dutch and English > Bachelor in Computer Science > Bachelor in French and Romance Languages and Literatures : General > Bachelor in Economics and Management > Bachelor in Motor skills : General > Bachelor in Human and Social Sciences > Bachelor in Modern Languages and Literatures : General > Bachelor in Sociology and Anthropology > Bachelor in Political Sciences: General > Bachelor in History of Art and Archaeology : General > Bachelor in Ancient Languages and Literatures: Oriental Studies > Bachelor in Mathematics > Bachelor in History > Bachelor in Biomedicine > Bachelor in Engineering > Bachelor in Pharmacy > Bachelor in Religious Studies > Certificat universitaire en philosophie (fondements) > Bachelor in Philosophy > Master [120] in Public Administration > Preparatory Year for Master in Philosophy > Preparatory Year for Master in Ethics
<p>Faculty or entity in charge:</p>	<p>EFIL</p>