


3 credits

30.0 h

Q1

Teacher(s)	Botbol Mylene ;Bruschi Fabio (compensates Botbol Mylene) ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	The course will be composed of three parts: introduction to general philosophy, introduction to philosophy of science, reflexions on the relations between sciences and philosophy. We will question the complex link between philosophies and sciences throughout history, by studying in particular the contribution of darwinism and molecular biology. In order to prepare the analysis of bioethical questions, which will be studied during the Master, the relation between sciences and ethics will be addressed at the fundamental level of the question of the social impacts of life sciences
Aims	<p>The objective is to offer the students some familiarity with continental philosophers and conceptual schemas that will help them situate the occidental history of medical science and analyse the social impact of medical and scientific discoveries. This basic knowledge of philosophers (Platon, Descartes, Kant, Canguilhem) will aim at helping the students articulate philosophical interrogations and the history of scientific inquiry throughout modern history.</p> <p>-----</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 will be composed of three parts:</p> <ol style="list-style-type: none"> 1) Firstly, we will present some important figures of the history of philosophy (Descartes, Hume, Kant, Comte), in order to identify the different possible relations between philosophy and sciences. 2) Secondly, we will concentrate on modern and contemporary philosophy of sciences (Carnap, Popper, Kuhn, Lakatos, Feyerabend), by addressing in particular the question of scientific progress and the relation between science and truth. 3) Thirdly, we will identify the mechanist paradigm and the darwinist paradigm as the two fundamental paradigms of contemporary life sciences, and we will study different forms of social impact of these paradigms, from social darwinism to pharmacology and medical practice
Bibliography	<p>B. Feltz, La science et le vivant. Philosophie des sciences et modernité critique, Bruxelles, De Boeck, 2eéd., 2014.</p> <p>P. Tort, Darwin et le darwinisme, Paris, Presses Universitaires de France, 4eéd., 2011.</p> <p>G. Canguilhem, Le normal et le pathologique augmenté de Nouvelles réflexions concernant le normal et le pathologique, Paris, Presses Universitaires de France, 1966.</p> <p>P. Pignarre, Qu'est-ce qu'un médicament ? Un objet étrange, entre science, marché et société, Paris, La Découverte, 1997.</p>
Other infos	New information and texts will regularly be offered on Moodle
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Biomedicine	SBIM1BA	3		
Bachelor in Pharmacy	FARM1BA	3		