


Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h	Q2
-----------	--------	----

Teacher(s)	Guay Alexandre (coordinator) ;Pence Charles ;Pence Charles (compensates Guay Alexandre) ;Verdée Peter ;Verdée Peter (compensates Guay Alexandre) ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The seminar will focus on a theme in the area of the philosophy of natural science, to be determined by its members in relation to research projects they are currently involved with. Active participation at seminar meetings is strongly encouraged. Professors and researchers from the UCL interested in the topic and specialists in the topic from outside the UCL may participate in the seminar.
Aims	1 / ---- <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>
Evaluation methods	<b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b> The presentations by the students and the written preparation of the presentation will count as the final evaluation. There is no exam during the June exam session. In August, there will be an open book oral exam on the three central topics.
Teaching methods	<b>Due to the COVID-19 crisis, the information in this section is particularly likely to change.</b> This student-led course consists of: 6 hours ex cathedra teaching devoted to a quick introduction to the literature on scientific explanation and the three topics Three times two-hour presentations by students Workshop sessions to help students in putting together their presentations. Students get to ask questions on the bibliography, the content itself and presentation techniques.
Content	This year's topic is: scientific explanation. The course will be centered around three hot topics in the current literature on philosophy of scientific explanation. Mechanism and complex systems Mathematical explanation Scientific understanding The students are asked to put together, as a group, a two-hour presentation on each of these topics.
Inline resources	See course Moodle website.
Bibliography	Les étudiants intéressés par une brève introduction au sujet peuvent consulter Bonnay, «L'explication scientifique», Précis de Philosophie des Sciences, éd. Barberousse, Bonnay, Cozic (2011, Vuibert).
Other infos	/
Faculty or entity in charge	EFIL

<b>Programmes containing this learning unit (UE)</b>				
Program title	Acronym	Credits	Prerequisite	Aims
Certificat universitaire en philosophie (approfondissement)	FILA9CE	5		
Master [120] in Philosophy	FILO2M	5		