


5.00 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
Prerequisites	/
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.
Learning outcomes	At the end of this learning unit, the student is able to : 1 /
Evaluation methods	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	This student-led course consists of: 8 hours ex cathedra teaching devoted to a quick introduction to the literature on scientific explanation and the three topics Three times three-hour presentations by students followed by a debate A final meeting to wrap things up (if necessary) 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. <ul style="list-style-type: none"> • The difference between knowing that, knowing how, and knowing why, • Explanatory depth, • Grounding explanations 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

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Philosophy	FILO2M	5		
Certificat universitaire en philosophie (approfondissement)	FILA9CE	5		