

5.00 credits


30.0 h

Q1



This learning unit is not open to incoming exchange students!

Teacher(s)	Guay Alexandre ;Van Bellegem Sébastien ;
Language :	English
Place of the course	Louvain-la-Neuve
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Learning outcomes	
Evaluation methods	Oral exam
Content	<p>Part I. (S. Van Bellegem, Lectures 1 to 6)</p> <ul style="list-style-type: none"> • The principles of arithmetics • Intuitionism and constructive mathematics • The idealized objects of statistics and econometrics • Constructive statistics and the principle of induction <p>Part II. (A. Guay, Lectures 7 to 12)</p> <ul style="list-style-type: none"> • Scientific representation: objectivity, models, idealization • Determinism and the nature probabilities • Scientific explanation and causation • Causation = counterfactual dependance? • Causation = manipulability? • Causation = patterns of statistical associations?
Inline resources	See Moodle site
Faculty or entity in charge	ESPO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Bachelor in Philosophy, Politics and Economics	PPE1BA	5	LECGE1101	
Bachelor in Philosophy	FILO1BA	5		