UCLouvain

wsbim2253

2026

Advanced issues in cognitive neuroscience

4.00 credits	30.0 h	Q2

Teacher(s)	Duque Julie ;Legrain Valéry ;Missal Marcus (coordinator) ;
Language :	English
Place of the course	Bruxelles Woluwe
Prerequisites	*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.*
Learning outcomes	
Evaluation methods	Oral presentation of an essay on a scientific paper about topics presented during lectures or written exam on the same content (open questions). Weighting of the final score: 30% Marcus Missal, 30% Valéry Legrain, 30% Julie Duqué. Preparation of a poster (individual or group of 2) on a research topic in cognitive neuroscience. The language used will be either French or English.
Teaching methods	Lectures and paper reading.
Content	The main topic of these lectures will be to study higher order cogntive functions (consciousness, language, social cognition). These lectures will be organized around important papers in the domain of cognitive neurosciences. A system level approach will be favored. At the end of this unit, the student will be able to read and critizise recent papers in cognitive neurosciences.
Inline resources	https://moodleucl.uclouvain.be/course/view.php?id=9029
Bibliography	• https://moodleucl.uclouvain.be/course/view.php?id=9029
Other infos	It is compulsory to participate to excercises and directed work to validate this unit. Unjustified absence will cause a penalty at the examination of this unit that could include annulation of the exam for the academic year under consideration (0/20). In case of repeated no-show, even if justified, the teacher can propose to the jury to oppose inscription to the exam for this unit in agreemen with article 72 of RGEE. Lectures will be given either in French or English.
Faculty or entity in charge	FASB

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Biomedicine	SBIM2M	4	WSBIM2280 AND (WSBIM2112 OR WSBIM2151) AND WSBIM2154 AND WSBIM2155 AND WSBIM2156	🔍
Master [60] in Biomedicine	SBIM2M1	4		🔍