





2.00 credits

20.0 h

Q2

Teacher(s)	Henrard Séverine ;
Language :	French > English-friendly
Place of the course	Bruxelles Woluwe
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	Written exam
Teaching methods	The course will involve lectures and videos illustrated with concrete examples from the scientific literature. It will be accompanied by exercises.
Content	<ul style="list-style-type: none"> • Introduction to epidemiology: history of epidemiology, definition and components • Natural history of a disease, causality and causal reasoning • Epidemiological observation: data sources, types of variables • Frequency measures in epidemiology: indicators of morbidity, mortality and standardization • Types of studies in epidemiology • Measures of effect in epidemiology: association and impact measures • Bias in epidemiology, including diagnostic tests and introduction to multivariable models
Bibliography	Livres disponibles à la Bibliothèque : <ul style="list-style-type: none"> • T. Ancelle. Statistique épidémiologie. 4me éd. Maloine 2017 • T. Ancelle. Statistique et épidémiologie : 100 exercices corrigés – Etudiants et professionnels en sciences de la santé. Maloine 2016 Vidéos du Professeur Thierry Ancelle disponibles sur youtube (Méthodes en épidémiologie : https://www.youtube.com/playlist?list=PLDtut0doG41ZH8owcjxvSYgNq2vkw92tH)
Other infos	Participation in the online exercises on Moodle is compulsory to validate the teaching unit. In case of non-participation in the Moodle exercises during the course, the teacher may propose to the jury to oppose the registration for the examination related to the course in accordance with article 72 of the RGEE.
Faculty or entity in charge	FARM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Approfondissement en sciences pharmaceutiques - recherche	APPFARR	2		
Minor in Biomedicine (openness)	MINSBIM	3		
Bachelor in Biomedicine	SBIM1BA	2	WFARM1247 AND WSBIM1207 AND LANGL1855	
Bachelor in Pharmacy	FARM1BA	2	WMD1102	
Additional module in Pharmacy	APPFARM	2		