





2 credits

20.0 h

Q2

Teacher(s)	Henrard Séverine ;
Language :	French
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>
Aims	<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	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Written exam
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. The course will involve lectures 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	<p>Livres disponibles à la Bibliothèque :</p> <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 <p>Vidéos du Professeur Thierry Ancelle disponibles sur youtube (Méthodes en épidémiologie : https://www.youtube.com/playlist?list=PLDtut0doG41ZH8owcjxvSYgNq2vkw92tH)</p>
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	Aims
Bachelor in Biomedicine	SBIM1BA	2	WSBIM1001 AND LANGL1854 AND WFARM1247 AND LANGL1855	
Additionnal module in Pharmacy	APPFARM	2		
Minor in Biomedicine (openness)	MINSBIM	3		
Approfondissement en sciences pharmaceutiques - recherche	APPFARR	2		
Bachelor in Pharmacy	FARM1BA	2	WMD1102 AND WMD1104 AND LANGL1854 AND WFARM1008	