




2.00 credits

20.0 h

Q2

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|-----------------------------|---|
| 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 | |  |
| Bachelor in Biomedicine | SBIM1BA | 2 | WFARM1247 AND WSBIM1207 AND LANGL1855 |  |
| Additional module in Pharmacy | APPFARM | 2 | |  |