UCLouvain

wbicl2103m

2019

In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

4 credits	45.0 h	Q2

Teacher(s)	Kabamba-Mukadi Benoît (coordinator) ;
Language :	French
Place of the course	Bruxelles Woluwe
Main themes	General themes In the first part of the course, fundamental notions of virology are thoroughly revised: virus definition, structure of viral particles and classification, study of the replication of different groups of viruses, critical evaluation of virological methods, viral therapeutics (immunisation, serotherapy, antivirals). In the second part certain viruses, which are important in human pathology, are systematically reviewed.
Aims	*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".*
Content	Contents and methods Contents: Structure, morphology, biochemistry of viruses and examples of cycles Nucleic acid replication in different virus groups Principles of prevention, of vaccination and of treatment Viral diagnosis Specific subjects: HIV, hepatitis viruses, herpesviridae, viruses and pregnancy, viruses and immune suppression This list is not complete and may be modified according to opportunities in the different years. Our purpose is to review in depths a few viruses.
Other infos	Prerequisite is to have followed a basic course in virology (microbiology in MED13, MCBL1330, virology in FARM22, FARM 2281, or microbiology part 2 in DENT 21, MCBL2117) 45 hours of practical exercises are only intended for pharmacists specialising in laboratory medicine. Evaluation is by an oral examination
Faculty or entity in charge	SBIM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Advanced Master in Clinical Biology	BCMM2MC	4		