


3.00 credits

45.0 h

Q1

Teacher(s)	Anantharajah Ahalieyah ;Bogaerts Pierre ;Dessilly Géraldine ;Kabamba-Mukadi Benoît (coordinator) ;Ruelle Jean ;Schoy Anaïs ;
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.
Learning outcomes	At the end of this learning unit, the student is able to : 1 To give to the student a training in general virology and in medical virology
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	Learning outcomes
Advanced Master in Clinical Biology	BICL2MC	3		
Advanced Master in Clinical Biology	BCMM2MC	4		