

1.00 credits

9.0 h + 3.0 h

Q2

Teacher(s)	Catry Boudewijn ;
Language :	English
Place of the course	Bruxelles Woluwe
Learning outcomes	
Evaluation methods	Written exams (5 to 10 open questions): French or English
Teaching methods	The course will be given face-to-face with the help of PPT slides
Content	Although the interactions between human and animal health are not a new phenomenon (initiated mainly since the Neolithic period and the domestication of animals), the zoonoses we face have a global importance and impact unique in human history. The emergence of factors such as globalisation, industrialisation, the redesign of agrarian systems and consumerism, provide potential pathogens with even more favourable conditions to adapt, mutate and be transported to new hosts and ecosystems, often with disastrous effects. Most of the recent emerging diseases are of animal origin and almost all of them have a zoonotic potential (some 75% of these diseases are zoonotic in nature). The course will consist of two parts. After an introduction, the first part (part A) will focus on the so-called classical zoonotic diseases (of veterinary and human importance) transmitted by domestic and companion animals. The other part (part B) will be devoted more to zoonotic diseases of human importance, which originate in wildlife and have less impact on domestic animals or pets. Examples include Ebola, Zika, bubonic plague and even Covid.
Inline resources	Power point slides on Moodle
Bibliography	1. Zoonoses et maladies transmissibles communes à l'homme et aux animaux PACK 3 Volumes 1: Bactérioses et mycoses - 2: Chlamydioses, rickettsioses et viroses - 3: zoonoses parasitaires Auteur : Pedro N.ACHA , Boris SZYFRES Editeur : Oie Date parution : 01/2005 (3ème édition) 1. Biological disasters of animal origin. The role and preparedness of veterinary and public health OIE, Rev. Sci. Tech. Off. Int. Epiz. 04/2006 1. Emerging zoonoses and pathogens of public health concern OIE, Rev. Sci. Tech. Off. Int. Epiz. 08/2004
Faculty or entity in charge	FSP