

9.0 credits

45.0 h + 45.0 h

2q

Teacher(s) :	Delbar Thierry ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Oscillations and waves. Electricity and Magnetism. Optics. Modern Physics. Medical imaging.
Aims :	Knowledge of the concepts and fundamental laws of General Physics and of its applications, among others in Medicine. Acquisition of a logical and critical mind. Learning the know how of problem modeling. <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 :	Written exam (exercises and theory: total : 3h30)
Teaching methods :	Oral lectures on a graphical tablet and projected on screen. All the screens are saved on iCampus. Simulations on computer and experiments during the lectures. Weekly sessions of exercises. A few laboratories illustrating the main concepts.
Content :	Oscillations and waves. Electricity and Magnetism. Optics. Modern Physics. Medical imaging.
Bibliography :	Collection of lecture notes. Many books of General Physics available at the Library.
Cycle and year of study :	> Bachelor in Veterinary Medicine
Faculty or entity in charge:	VETE