

8.0 credits	45.0 h + 45.0 h	2q
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Teacher(s) :	Govaerts Jan ; Lemaitre Vincent ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	Electricity and magnetism : . electrostatics ; . electrical conductors ; . magnetostatics. Physics of waves : . coupled, forced and damped oscillators ; . progressive waves, wave equations, Doppler effect ; . reflexion and transmission, standing waves, normal modes of vibration. Optics : . reflexion and refraction of light ; . mirrors and lenses, thin lenses in combination.
Aims :	<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>
Cycle and year of study :	> Bachelor in Mathematics > Bachelor in Physics
Faculty or entity in charge:	PHYS