



5 credits

22.5 h + 30.0 h

Q1

Teacher(s)	Hagendorf Christian ;Haine Luc ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	
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>
Inline resources	
Bibliography	Syllabus et références bibliographiques disponible sur Moodle. Ouvrages de référence : <ul style="list-style-type: none"> - Arnold Mathematical methods of classical mechanics. Springer-Verlag 1997. - Gelfand, Fomin Calculus of variations. Dover Publications 2000. - Goldstein Classical mechanics. Addison-Wesley 2007. - Landau, Lifshits Cours de physique théorique. Tome 1, Edition Mir 1994. - Morin Introduction to classical mechanics. With problems and solutions. Cambridge 2008.
Faculty or entity in charge	SC

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Physics	PHYS1BA	5	LMAT1161	
Bachelor in Mathematics	MATH1BA	5	LMAT1121 AND LMAT1122 AND LMAT1131 AND LMAT1161	
Minor in Mathematics	LMATH100I	5		