



Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h + 15.0 h	Q2
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Teacher(s)	Bieliavsky Pierre ;
Language :	French
Place of the course	Louvain-la-Neuve
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>
Evaluation methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Written exam
Teaching methods	Due to the COVID-19 crisis, the information in this section is particularly likely to change. Lectures and exercise sessions
Content	-Introduction to Lie groups and Lie algebras -Homogeneous spaces -Riemannian symmetric spaces -Theory of representations of Lie groups. Kirilov's orbit method.
Bibliography	Syllabus on Moodle (en cours de préparation).
Faculty or entity in charge	MATH

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Mathematics	MATH2M	5		
Master [60] in Mathematics	MATH2M1	5		
Master [120] in Physics	PHYS2M	5		