







6.00 credits

30.0 h + 30.0 h

Q2

Teacher(s)	von Sachs Rainer ;
Language :	French > English-friendly
Place of the course	Louvain-la-Neuve
Prerequisites	Courses LMAT1121 and LMAT1122 (real analysis/calculus, in particular bivariate integration).
Main themes	The general aim of the course consists in giving an introduction into the thinking and the tools of probability theory

Teaching methods	<p>This second introductory course in probability and statistics will consist of :</p> <ul style="list-style-type: none">• lectures that will present the subject on the basis of examples and the development of mathematical reasoning,• exercise sessions aiming at systematically putting into practice the different notions seen in the course on well-targeted cases and with the help of a specialized software,• projects that will give the student the opportunity to integrate the different tools in the fields of application of mathematics and physics. <p>The pedagogical approach used will privilege the active learning of the students and will try to respect the pedagogical orientations proposed by the Faculty.</p>

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Additionnal module in Physics	APPHYS	6		
Master [120] in Data Science : Statistic	DATS2M	6		
Master [120] in Environmental Science and Management	ENVI2M	6		
Interdisciplinary Advanced Master in Science and Management of the Environment and Sustainable Development	ENVI2MC	6		
Bachelor in Mathematics	MATH1BA	6		
Master [120] in Physics	PHYS2M	6		
Certificat d'université :				