lchm1232

2024

Mathematics applied to chemistry

UCLouvain

3.00 credits	30.0 h + 30.0 h	Q1

Teacher(s)	Bieliavsky Pierre ;Caprace Pierre-Emmanuel ;Vitale Enrico ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	Mathematical concepts as covered in LMAT1101 and LMAT1102
Main themes	The Mathematics applied to chemistry course covers and develops the mathematical tools needed to understand physical chemistry, complementing and deepening those already covered in Block 1 courses. The course includes the linear algebra required for quantum chemistry, and the series development and function transforms needed for spectroscopy.
Learning outcomes	
Faculty or entity in charge	CHIM

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Additionnal module in Chemistry	APPCHIM	3		🔍