




2.00 credits

18.5 h

Q1


**This learning unit is not open to incoming exchange students!**

Teacher(s)	de Wergifosse Marc ;Matthys Nathalie ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	Didactics and Epistemology of Science Course : LSCI2320
Main themes	The topics covered are those related to teaching chemistry in the second grade : <ul style="list-style-type: none"> <li>• Conceptual difficulties related to the topics to be taught in chemistry,</li> <li>• The interest and exploitation of experimental or non-experimental activities, essential in chemistry,</li> </ul> Practical sessions on the implementation of essential experiments in chemistry and analysis of learning difficulties.
Learning outcomes	
Evaluation methods	Students registered for the Aggregation in Geography or Mathematics, taking only module LCHM2340 C, are assessed in January as follows: Chemistry laboratory activities: 20% of the total mark Written test (November) concerning the basic concepts to be taught in D2 Chemistry: 10% of the total mark 10-hour observation course report in chemistry: 30% of the total grade Individual written evaluation (January) concerning the concepts covered in didactics and epistemology of chemistry: 40% of the total mark  Attendance to this course is required. In accordance with article 72 of the General Regulations for Studies and Examinations, the course director may propose to the jury that a student who has not attended at least 80% of the courses during the January or September session be refused registration.
Teaching methods	The teaching activities are those recommended in secondary education: group work, lectures, flipped classes, laboratories, etc., mainly in co-construction with the students.
Content	This part of the course is designed to "equip" students to become future chemistry teachers at D2. The aim here is not only to present the elements of didactics relating to the teaching of chemistry but also to ensure the transfer and appropriation of these tools by the future teachers.
Inline resources	on MoodleUCL, acronym LCHM2340. The site contains the documents presented and used during the courses and allows the deposit of the students' productions.
Bibliography	Des ouvrages en relation avec les disciplines enseignées et avec la didactique seront présentés lors des cours. ----- Works related to the disciplines taught and to didactics will be presented during the courses.
Other infos	LCHM2340 C is an elective course for students enrolled in the Aggregation in Geography or Mathematics. It can only be taken if LSCI2320 has been taken previously. LCHM2340 C is taken in Q1 during S8 to 14 for 2 hours per week (15 hours equivalent to 2 credits).
Faculty or entity in charge	CAFC

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Teacher Training Certificate (upper secondary education) - Mathematics	MATH2A	2		
Teacher Training Certificate (upper secondary education) - Geography	GEO2A	2		
Master [120] in Mathematics	MATH2M	2		
Master [120] in Geography : General	GEOG2M	2		