UCLouvain

lmat2350

2026

Long internship (125 hours) and accompanying seminar in mathematics

15.00 credits	45.0 h + 22.5 h	Q1 and Q2

Language :	French
Place of the course	Louvain-la-Neuve
Learning outcomes	
Evaluation methods	Internships and seminars will be evaluated by the teaching team. Students will be evaluated as follows: • Internships: 75% • Reflective work (oral presentation in May): 15% • Test of mastery of secondary school concepts (early October, handwritten one-page cheat sheet allowed): 10% Each of these three activities must be passed with a grade of 10/20 or higher in order for this course unit to be passed. If this is not the case, the principle of the absorbing grade is applied to this course unit. In addition, in order for the student to begin/continue their internship, the secondary school concepts test must have been passed with a minimum grade of 12/20. (If the October test is failed, a second chance will be offered in November.) Attendance at seminars is compulsory. Under Article 72 of the general regulations for studies and examinations, course instructors may propose to the jury that a student who has not attended at least 80% of the seminars during the June or September session be refused registration. In the case of the use of generative AI, students are required to systematically and explicitly indicate all parts that have been subject to AI use, specifying whether AI was used to search for information, to write the text, or to correct it. In addition, sources of information must be systematically cited in accordance with bibliographic referencing standards. Students remain responsible for the content of their work, regardless of the sources used. Internships cannot be repeated in the September session, as they take place in secondary schools. However, reflective work can be repeated in the September session.
Teaching methods	Alternating teaching methods: face-to-face, independent and supervised work time, practical experience in a professional setting, supervision meetings. The seminar is taught in person and is designed around a co-development dynamic (collaborative learning).
Content	This teaching unit consists of “equipping” students to become future high school mathematics teachers by encouraging them to put into practice, during their internships and in micro-teaching activities carried out during seminars, all the theoretical elements covered in the teaching methodology courses and seminars. The long internship is carried out in two secondary schools, with internship supervisors who teach mathematics at the upper secondary level in a variety of contexts. The total number of hours for the internship is divided as follows: 15 hours of classroom observation, 55 hours of classroom teaching, and 20 hours of “out-of-class” activities related to the teaching profession, to be divided between the two internship schools. Internship supervisors are chosen by the internship coordinators. The internship support seminar provides practical tools for preparing for the various aspects of the internship, as well as opportunities to share experiences, engage in reflective analysis, and receive individualized support. Access to teaching internships is conditional on passing a test of mastery of the mathematical concepts to be taught in upper secondary school (grades 10, 11, and 12, including “mathematics for scientists”). Out of respect for the students and teachers who welcome trainees into their classrooms, it is essential that trainees have a thorough understanding of upper secondary mathematics concepts.
Inline resources	On Moodle UCLouvain, code LMAT2350. The Moodle space contains the documents presented and used during seminars and allows students to submit their work.
Bibliography	Des ouvrages et publication scientifiques en relation avec les disciplines enseignées et avec la pratique seront présentés lors des cours.
Faculty or entity in charge	SC

Programmes containing this learning unit (UE)

Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [60] of Education, Section 5 : Engineering	DSIR2M5	15		
Master [120] of Education, Section 4 : Mathematics	MATH2M4	15		
Master [60] of Education, Section 5 : Mathematics	MATH2M5	15		