

Master in Educational Sciences – Development of Curriculum and Instruction



Programme

- 60 ECTS / 4 semesters
- Part-time and on-the-job
- Registration fees: 400€/semester



Teaching languages

- French
- German
- Luxembourgish
- English



Applications

- February - July 2026



Admission

- 240 ECTS Bachelor's degree in educational sciences
- For confirmed teaching professionals in Luxembourg fundamental education
- Curriculum vitae and a letter of motivation

The Master equips accomplished generalist teachers with principles and practices of innovation in the classroom, including differentiated instruction, inquiry-based education, and digital education.

The educational environment is rapidly changing. Following international trends in both teacher education and teacher professionalisation, the Luxembourg fundamental education ecosystem is gradually complementing its teaching staff—traditionally generalist teachers in fundamental education—with specialised teachers (and other specialists). The need for both increasing professionalisation, specialisation, and multi-professional collaboration in education is rooted in consequential educational challenges, including (1) the competent handling of increasingly heterogeneous (and often multilingual) student populations, (2) the adequate consideration for diversity and special needs, (3) the tackling of well-known yet persistent educational inequalities, (4) the efficient and effective management of educational resources in (non)formal educational settings, more generally, (5) the integration of formal, nonformal, and informal education, (6) the impact of so-called global mega-trends on educational practices and programmes, and, closely related to the latter, (7) the meaningful integration of (possibly disruptive) technologies.

The Master's programme in *Development of Curriculum and Instruction* touches on all of these interconnected educational challenges, and is specifically designed to equip the students with principles and practices of innovation in the classroom, including differentiated instruction, inquiry-based education, and digital education.

The graduates will be well placed to take up a wide range of pedagogical leadership positions in the Luxembourg education system.

Professional opportunities and career outcomes

The graduates will be well placed to take up a wide range of pedagogical leadership positions in the Luxembourg education system, including but not limited to *instituteur spécialisé* positions. The graduates will be particularly well equipped to provide advice and leadership on matters of innovation in education. Following international trends in teacher professionalisation, the Luxembourg fundamental education ecosystem is gradually complementing its teaching staff—traditionally generalist teachers in fundamental education—with specialised teachers (and other specialists). Those recent developments, in combination with both prevalent teacher shortage and pressing (inter)national educational challenges ensure stable employment and fast-growing professional opportunities for future graduates.

Educational and pedagogical profile

The proposed Master's programme in *Development of Curriculum and Instruction* shares a common structure as well as a common educational and pedagogical rationale with its sister programmes, specialising in either *Inclusive Education and Pedagogy* or *School Management and Development*.

The three Master's programmes are, although clearly distinct, inevitably interconnected, and thus partially overlapping. Consequently, to promote multi-professional teams that share a common knowledge base, students from all three programmes will share lecture-type *Foundations* courses (18 ECTS). Those courses will provide a grounded understanding of pressing (inter)national educational challenges and introduce all students to the fundamentals of inclusion, governance, and innovation in education. As part-time and on-the-job programmes for teaching professionals, the three Master's programmes in Educational Sciences are by design close to practice, and explicitly rooted in the Luxembourg education system. In line with the guiding principles of the University's Bachelor's programmes in the area, the Master's programmes too strive towards the qualification of so-called reflective practitioners that is teaching professionals who are able to combine their academic research-based knowledge with their practical experience. In this logic, the respective programme structures are a balanced combination of lecture or seminar-style *Theories* courses (16 ECTS), and seminar-type *Applications* courses (16 ECTS). The curriculum is completed by a *Master's Thesis* (10 ECTS) that is explicitly framed as a practitioner research project.

Admission

The applicant must:

- hold a 240 ECTS Bachelor's degree in educational sciences;
- be a practicing teaching professional in—or around—Luxembourg fundamental education;
- have already completed the mandatory traineeship (stage) for job starters at the *Institut de formation de l'Éducation nationale* (IFEN);
- be proficient in all three administrative languages (i.e., French, German, Luxembourgish) and have a reasonable command of English.

In addition to the documents required for enrolment at the University of Luxembourg, applicants must submit a curriculum vitae and a letter of motivation. These documents should cover the candidate's academic and professional background (including continuing professional development activities), expectations of the study programme and professional objectives.

CONTACT

✉ msce-d@uni.lu

🌐 msce-d.uni.lu

