LEARNING SCIENCES AND HUMAN DEVELOPMENT - MASTER OF ARTS (MA)

The Learning Sciences and Human Development Department’s master’s program focuses on research, theory and professional knowledge, with an emphasis on learning and teaching in K–12 educational settings. The program is structured in accordance with a scientist-practitioner model, with primary emphasis given to academic study and research.

Learning Sciences and Human Development Department faculty members and students collaborate to facilitate the development of research, theory and professional knowledge with an emphasis on learning and teaching in K–12 educational settings. All students develop an academic foundation that prepares them for further study at the PhD level, work in K–12 education or employment in the private sector. In addition, faculty advisors and students build programs of study that meet both the program goals and the student’s interests.

Requirements

Prerequisites
Minimum of two upper-level undergraduate courses related to learning and human development. For example, courses in psychology, sociology or education that touch on topics such as how people learn, cognition and the social and cultural contexts of development including the study of culture, race, ethnicity, gender or linguistics would be relevant.

Minimum of two courses related to learning in the disciplines in one of the following areas: literacy, history, mathematics, science or engineering.

General Requirements
Students must successfully complete 30 credit hours of approved course work while maintaining at least a B (3.0) average in all work attempted while enrolled.

Students develop a degree plan (Plan I or Plan II) in consultation with their faculty advisor, typically in their first semester. The frequency of individual course offerings varies; therefore, candidates should plan ahead so that the required 30 credit hours are completed within the four-year limit.

Transfer Credit
Transfer credit is defined as any credit earned at another accredited institution, credits earned on another campus of the CU system, or credits earned as a nondegree student within the CU system. Students who have transfer credits must complete the transfer of credit paperwork.

The maximum amount of work that may be transferred from another accredited institution to CU Boulder is 9 credit hours, and is accepted only after approval of the department chair/program director and under the special conditions outlined in the Graduate School Rules. All courses accepted for transfer must be graduate-level courses. A course in which a grade of B- or lower was received will not be accepted for transfer.

Transfer course work must have been completed in the five years prior to acceptance to the program. Credit may not be transferred until the student has completed 6 credits of graduate-level course work as a degree-seeking student on the CU Boulder campus with a 3.0 GPA.

Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 5716</td>
<td>Basic Statistical Methods</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5726</td>
<td>Introduction to Disciplined Inquiry</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 6318</td>
<td>Psychological Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 6328</td>
<td>Advanced Child Growth and Educational Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Core Electives

Choose at least 9 additional credit hours of courses at the 5000 level or above from within the School of Education, to be chosen from the following categories in consultation with your advisor.

- Learning and Development
- Curriculum and Instruction
- Learning and Technology
- Foundations

General Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 6954</td>
<td>Master’s Thesis</td>
<td>6-9</td>
</tr>
</tbody>
</table>

Total Credit Hours

31-34

1 GRTE courses may not count toward a master’s degree.

Suggested Electives

Learning and Development
- EDUC 8358 Seminar: Human Learning
- EDUC 8348 Seminar: Human Development

Curriculum and Instruction
- EDUC 5105 Teaching for Understanding and Equity

Learning and Technology
See special topics courses.

Foundations
- EDUC 7055 Philosophy of Education

Additional Electives

The following are courses offered through the School of Education that provide opportunities to learn about learning and teaching in schools:

- EDUC 5065 Curriculum Theories
- EDUC 5235 Language and Literacy Across the Curriculum
- EDUC 5205 Elementary Mathematics Theory and Methods
- EDUC 5315 Perspectives on Science
- EDUC 5316 Nature of Social Studies and Social Studies Education
- EDUC 5317 Perspectives on Mathematics

Degree Plans

Plan I: Thesis Option

In addition to the required courses above, students choosing Plan I must take an additional 6 credit hours of electives, to be chosen in consultation with their advisor, and complete 4 credit hours of EDUC 6954 Master’s Thesis.
Plan II: Comprehensive Examination Option
In addition to the required courses above, students choosing Plan II must take an additional 9 credit hours of electives, to be chosen in consultation with their advisor, and complete a 4-credit-hour written comprehensive examination during their last term of study for the MA degree. The examination covers the content of all work in the program. Students transferring course work from other institutions to this program (up to nine credit hours may be taken at other approved institutions) are responsible for the same knowledge as those whose work has been taken entirely at CU Boulder.

Time Limit
The master’s degree must be completed within four years.