TEACHER LICENSURE PROGRAM

The School of Education offers course work leading to initial Colorado licensure to undergraduate, post-baccalaureate and master’s degree students. Colorado requires public school teachers to be licensed by its state department of education. Students who successfully complete all School of Education requirements will be recommended for a Colorado provisional (initial) teaching license, the license issued to all new teachers in Colorado. Licensure requirements vary from state to state and from teaching area to area. Students who are interested in teaching in other states should familiarize themselves with the requirements of those states so they may plan an appropriate degree program.

Teacher education at CU Boulder, while administered by the School of Education, is a universitywide function. Many academic departments provide course work that supports the teacher in training. Undergraduate students follow a prescribed set of courses that meet state content preparation standards, complete a major and satisfy professional education requirements concurrently. The program involves a combination of courses at the university and K–12 school placements.

Secondary Master's Degree Plus Teacher Licensure Program (MA+)

- Secondary Education (7–12) fields:
  - English Language Arts (p. 2)
  - Mathematics (p. 3)
  - Science (p. 3)
  - Social Studies (p. 4)
- Music Education (K–12)

Undergraduate (catalog.colorado.edu/undergraduate/colleges-schools/education/programs-study/teacher-licensure-program/undergraduate-nondegree) and Post-Baccalaureate (catalog.colorado.edu/undergraduate/colleges-schools/education/programs-study/teacher-licensure-program/post-baccalaureate) (Non-Master’s Degree) Teacher Licensure Programs

- Elementary Education (K–6)
- Secondary Education (7–12) fields:
  - English Language Arts
  - Mathematics
  - Science
  - Social studies
  - World language (French, German, Japanese, Latin, Russian or Spanish)
- Music Education (K–12)

Program Mission and Commitments

The School of Education prepares educators who are able to enact commitments to social justice and equitable access to deep content learning in school, family and community contexts.

The following principles guide our work in preparing the next generation of educators:

- Teachers must position students as sense-makers and knowledge-generators, who desire to invest and succeed in school. This involves noticing children/youth, building relationships with them, valuing their perspectives and attending to their thinking, curiosities and capabilities.
- Teaching is both intellectual work and a craft. Deep knowledge of content and pedagogy, creativity and passion fuel both learning and teaching.
- Teachers must design equitable learning environments in which all children are engaged in robust and consequential learning.
- Teacher’s instruction and student learning is always conducted within the context of larger social systems, structures and hierarchies.
- What we do and say matters and must be analyzed. Our language and action constructs or constrains opportunities for children to build meaningful, positive and sustained relationships to learning and one another.

Colorado Teacher Quality Standards

Teacher education candidates engage in a planned sequence of courses and accompanying clinical experiences in local community and school sites. Courses and assessments ensure candidates have demonstrated appropriate mastery of (1) content taught in the Colorado Academic Standards and (2) professional practices and dispositions associated with the Colorado Teacher Quality Standards listed below.

1. Teachers demonstrate mastery of and pedagogical expertise in the content they teach.
2. Teachers establish a safe, inclusive and respectful learning environment for a diverse population of students.
3. Teachers plan and deliver effective instruction and create an environment that facilitates learning for their students.
4. Teachers reflect on their practice.
5. Teachers demonstrate leadership.
6. Teachers take responsibility for student academic growth.

Admission Requirements

Students who already hold a bachelor’s degree and wish to pursue licensure should apply directly to the School of Education. Students desiring institutional recommendation for licensure must complete at least 30 credit hours of work at the University of Colorado and also must fulfill the same content area requirements as undergraduate students. The actual number of required credit hours will depend on courses already completed.

Students may apply to one of the teacher education programs if the following requirements have been fulfilled:

1. GPA: Elementary and Secondary students must have and maintain a 2.75 (on a 4.00 scale) cumulative GPA, 2.75 at CU Boulder, 2.75 in their subject area (Secondary teacher fields) and 2.75 in education. Music Education (K-12) students must have and maintain a 3.00 overall and in their subject area.
Students applying to Master’s Plus (MA+) programs must have and maintain a 3.00 cumulative GPA.

2. **Prior Degrees:** Students applying to Post-Baccalaureate and Master’s Plus (MA+) programs must have a bachelor’s degree from an accredited institution.

3. **Youth Experience:** Students must provide written verification of 25 clock hours of satisfactory experiences with elementary, middle/junior high or senior high school-aged youth (appropriate to the desired program) in the past five years. Forms for this purpose are available in the Office of Student Services, Education 151, or online at the School of Education (http://www.colorado.edu/education/prospective-students) website. Undergraduate students at CU Boulder meet this requirement through school experiences in EDUC 2020 Step 1: Inquiry Approaches to Teaching or EDUC 2030 Step 2: Inquiry-Based Lesson Design courses.

4. **Basic Skills:** All teacher education students must demonstrate basic skills competence in mathematics and literacy. This may be done through acceptable grades in appropriate college course work, or by acceptable standardized test scores.

5. **Letters of Recommendation:** Contact the Office of Student Services in Education 151 for more information.

6. **Personal Statement:** Contact the Office of Student Services in Education 151 for more information.

7. **Background Check and Fee:** The School of Education and our partner districts require students working in schools to undergo background checks at least once per year. The costs and process for these background checks are changing due to new state requirements. Check with the Office of Student Services for the most updated information.

8. **Application Fee:** The appropriate application fee should be submitted with application materials. Fees vary by program.

Individuals interested in completing the teacher education program at the University of Colorado Boulder should request application materials from the Office of Student Services, Education 151 or online at the School of Education (http://www.colorado.edu/education) website. Students currently enrolled in a degree program at Boulder will need to complete an application.

Individuals who have completed a baccalaureate degree at an accredited institution and are not currently enrolled at the university must complete a program application, a university application and submit official transcripts from all previous colleges directly to the university’s Office of Admissions (http://www.colorado.edu/admissions).

**Advising**

Students are responsible for obtaining and reading the appropriate undergraduate or graduate student handbook (http://www.colorado.edu/education/current-students/forms-policies). Off-campus students may obtain advising materials online (http://www.colorado.edu/education/prospective-students) or by calling 303-492-6555.

At CU Boulder, degree requirements vary among the schools and colleges. Students seeking a degree at the University of Colorado should consult, as soon as possible, with an advisor in the college or school from which they expect to graduate and with the School of Education advisor (edadvise@colorado.edu).

Students are encouraged to become familiar with the teacher education requirements by comparing their own transcripts to the published advising materials. Students can then talk with an advisor before applying to the program or they may wait until after their applications are processed. Students seeking teacher licensure in French, German, Japanese, Latin, Russian, Spanish or music should see the designated advisor for that content area in addition to the School of Education advisor.

Advising may also be obtained through email at edadvise@colorado.edu. When requesting email advising, please make questions as specific as possible.

**MA+ Secondary English Language Arts (7–12) Teacher Licensure Program**

Teacher licensure candidates must maintain a 3.0 GPA in cumulative, content and education course work. All grades must be a C- or better to satisfy a requirement.

**Content Course Work Requirement**

**Courses and Minimum Required Credit Hours**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics: College-level mathematics.</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Writing: Critical or creative writing beyond the lower-division/introductory composition level.</td>
<td>3</td>
</tr>
<tr>
<td>History or Grammar of the English Language: Including or equivalent to EDUC 4222/EDUC 5222, CLAS 1010/LING 1010, LING 1500, or LING 2000.</td>
<td>3</td>
</tr>
<tr>
<td>Oral Communication: Includes speech, public speaking, or communication courses.</td>
<td>3</td>
</tr>
<tr>
<td>Visual Communication: Includes theatre, film, offerings from ATLAS, TAM or other digital media courses.</td>
<td>3</td>
</tr>
<tr>
<td>Literature: Must include a component of British literature, as well as a multicultural/non-English literature. Acceptable course work may be in communication/speech, composition, drama/ theatre, humanities, journalism and/or literature. (May include courses from the content requirements above.)</td>
<td>9</td>
</tr>
<tr>
<td>English and English Language Arts-related courses.</td>
<td>30</td>
</tr>
<tr>
<td>Recent English course work in the past five years.</td>
<td>6</td>
</tr>
</tbody>
</table>

**Education Course Requirements**

**Semester One**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 5005</td>
<td>Advanced Social Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5295</td>
<td>Reading and Literacy in the Secondary Classroom</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 5345</td>
<td>Writing in Humanities Classrooms</td>
<td>4</td>
</tr>
<tr>
<td>EDUC 5325</td>
<td>Teaching Literature in Middle and Secondary Schools</td>
<td>3</td>
</tr>
</tbody>
</table>

**Semester Two**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 6368</td>
<td>Adolescent Psychology and Development for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5485</td>
<td>Differentiation in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5365</td>
<td>Methods and Materials in Secondary English</td>
<td>4</td>
</tr>
</tbody>
</table>

**Semester Three**
Student Teaching: Satisfactory completion of all content and education course requirements is a prerequisite for student teaching. No other courses may be taken during the student teaching semester.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>EDUC 4513</td>
<td>Education and Practice (Must be taken with EDUC 4712.)</td>
<td>2</td>
</tr>
<tr>
<td>EDUC 4712</td>
<td>Student Teaching: Secondary School (Must be taken with EDUC 4513.)</td>
<td>10</td>
</tr>
</tbody>
</table>

**Semester Four**

Additional graduate credits to complete the master's degree. 9

If you have a teaching position during this semester, you only need to take one course and are able to finish the master's degree over the next academic year.

Total Credit Hours 45

### Basic Skills: Prior to Student Teaching

Complete an appropriate, college-level math and composition course with a B- or better. Acceptable scores on the ACT, SAT, GRE or Praxis CORE exam will also satisfy the requirement.

### Required Tests and Assessments

#### Licensure Exam: Prior to Student Teaching

Pass either state-approved licensure exam, PRAXIS Subject Assessment (test 5038) or PLACE (test 07).

#### edTPA: During Student Teaching

Pass the edTPA, a performance-based, subject-specific assessment, with a score of 42 or higher.

### MA+ Secondary Math (7–12) Teacher Licensure Program

Teacher licensure candidates must maintain a 3.0 GPA in cumulative, content and education course work. All grades must be a C- or better to satisfy a requirement.

### Content Course Work Requirements

- **Writing:** Three credit hours in writing or composition in English. 3
- **Humanities:** Literature, Philosophy, Theater 3
- **Social Science** 3
- **Natural Science** 3
- **Calculus 1** 4
- **Calculus 2** 4
- **Calculus 3: APPM 2350 or MATH 2400** 4
- **Linear Algebra** 3
- **Functions & Modeling/Analysis/Abstract Mathematics:** One course in functions and modeling, analysis or topology. 3
- **Geometry:** One course in modern geometry. 3
- **Probability & Statistics:** One course in probability theory and mathematical statistics. 3
- **Math or applied math course work. Eighteen of the required thirty hours above must be completed at the sophomore level or higher.** (May include requirements above). 24
- **Recent mathematics course work in the past five years.** (May include requirements above and EDUC 5317.) 6

### Education Course Requirements

**FIRST SEMESTER**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>EDUC 5005</td>
<td>Advanced Social Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5060</td>
<td>Classroom Interactions</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5317</td>
<td>Perspectives on Mathematics</td>
<td>3</td>
</tr>
</tbody>
</table>

**SECOND SEMESTER**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDUC 6368</td>
<td>Adolescent Psychology and Development for Teachers</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5235</td>
<td>Language and Literacy Across the Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5485</td>
<td>Differentiation in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>EDUC 5375</td>
<td>Problem-Based Math Instruction</td>
<td>4</td>
</tr>
</tbody>
</table>

**THIRD SEMESTER**

Student Teaching: Satisfactory completion of all content and education course requirements is a prerequisite for student teaching. No other courses may be taken during the student teaching semester.

<table>
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<td>EDUC 4712</td>
<td>Student Teaching: Secondary School (Must be taken with EDUC 4513.)</td>
<td>10</td>
</tr>
</tbody>
</table>

**FOURTH SEMESTER**

Additional graduate credits to complete the master's degree. 9

If you have a teaching position during this semester, you only need to take one course and are able to finish the master's degree over the next academic year.

Total Credit Hours 43

### Basic Skills: Prior to student teaching

Complete an appropriate, college-level math and composition course with a B- or better. Acceptable scores on the ACT, SAT, GRE or Praxis CORE exam will also satisfy the requirement.

### Required Tests and Assessments

#### Licensure Exam: Prior to student teaching

Pass either state-approved licensure exam, PRAXIS Subject Assessment (test 5161) or PLACE (test 04).

#### edTPA: During student teaching

Pass the edTPA, a performance-based, subject-specific assessment, with a score of 42 or higher.

### MA+ Secondary Science (7–12) Teacher Licensure Program

Teacher licensure candidates must maintain a 3.0 GPA in cumulative, content and education course work. All grades must be a C- or better to satisfy a requirement.

### Content Course Work Requirements

- **Written Communication:** Three credit hours in college-level composition or writing. 3
- **Humanities:** Literature, Philosophy, Theater 3
- **Social Science** 3
- **Calculus I** 4
- **Two biology courses.**
- **Two chemistry courses.**
- **Two Earth/space science courses.**
- **Two physics courses.**

Complete three of the following four content-area lab courses:
Teacher Licensure Program

Biology lab
Earth/space science lab
Chemistry lab
Physics lab

Students must complete 24 credit hours in one of the sections below:

- Biology (may include courses from biology area above). Course work must include the study of general biology, matter & energy in living systems, ecology, evolution, genetics, molecular biology, human anatomy, environmental biology and biotechnology.
- Chemistry (may include courses from chemistry area above). Course work must include the study of analytical, inorganic, organic and physical.
- Earth/space science (may include courses from Earth/Space Science area above). Course work must include the study of environmental science, astronomy, historical & physical geology, meteorology, oceanography, and geomorphology & earth systems.
- Environmental science. Course work must include the study of ecology and astronomy, and 17 credit hours in biology.
- Physics (may include courses from Physics area above). Course work must include the study of mathematics through differential equations, astronomy, atomic & nuclear, classical mechanics, electricity & magnetism, heat & thermodynamics, optics & sound, quantum mechanics, radiation & radioactivity, relativity and waves.

Recent science course work in the past 5 years 6

**Education Course Requirements**

**FIRST SEMESTER**

EDUC 5005 Advanced Social Foundations of Education 3
EDUC 5060 Classroom Interactions 3
Complete one of the following courses: 3

EDUC/PHYS 5460 Teaching and Learning Physics
EDUC 5833 Teaching and Learning Earth Systems
EDUC 5822 Teaching and Learning Chemistry
EDUC 6811 Teaching and Learning Biology
EDUC 5580 Physics and Everyday Thinking

**SECOND SEMESTER**

EDUC 6368 Adolescent Psychology and Development for Teachers 3
EDUC 5485 Differentiation in the Classroom 3
EDUC 5235 Language and Literacy Across the Curriculum 3
EDUC 5385 Problem-Based Science Instruction 4

**THIRD SEMESTER**

Student Teaching: Satisfactory completion of all content and education course requirements is a prerequisite for student teaching. No other courses may be taken during the student teaching semester.

EDUC 4513 Education and Practice (Must be taken with EDUC 4712.) 2
EDUC 4712 Student Teaching: Secondary School (Must be taken with EDUC 4513.) 10

**FOURTH SEMESTER**

Additional graduate credits to complete the master's degree. 9

If you have a teaching position during this semester, you only need to take one course and are able to finish the master's degree over the next academic year.

**Total Credit Hours** 43

**Basic Skills: Prior to student teaching**

Complete an appropriate, college-level math and composition course with a B- or better. Acceptable scores on the ACT, SAT, GRE or Praxis CORE exam will also satisfy the requirement.

**Required Tests and Assessments**

**Licensure Exam: Prior to student teaching**

Pass either state-approved licensure exam, PRAXIS Subject Assessment (test 5435) or PLACE (test 05).

**edTPA: During student teaching**

Pass the edTPA, a performance-based, subject-specific assessment, with a score of 42 or higher.

**MA+ Secondary Social Studies (7–12)**

Teacher Licensure Program

Teacher licensure candidates must maintain a 3.0 GPA in cumulative, content and education course work. All grades must be a C- or better to satisfy a requirement.

**Content Course Work Requirements**

- Mathematics: College-level mathematics. 3
- Writing: Three credit hours in writing or composition. 3
- Humanities: Literature, Philosophy, Theater 3
- Natural Science 3
- US History 6
- World History 6
- Economics: Must be completed in the Economics department. 3
- Political Science: Must be completed in the Political Science department. 3
- Cultural/Human Geography: Must be completed in the Geography department. Physical Geography does NOT qualify. 3
- Sociology or Social/Cultural Anthropology: Must be completed in the Sociology or Anthropology department. Physical Anthropology does NOT qualify. 3
- Thirty credit hours of course work in one of the following disciplines: Anthropology, Economics, Ethnic Studies, Geography, History, International Affairs or Political Science. A minimum of 12 credit hours must be upper division. (May include courses from the content requirements above.) 30

Recent social studies course work in the past five years. 6

**Education Course Requirements**

**FIRST SEMESTER**

EDUC 5005 Advanced Social Foundations of Education 3
EDUC 5295 Reading and Literacy in the Secondary Classroom 4
EDUC 5316 Nature of Social Studies and Social Studies Education 3
EDUC 5345 Writing in Humanities Classrooms 4

**SECOND SEMESTER**

EDUC 6368 Adolescent Psychology and Development for Teachers 3
THIRD SEMESTER

Student Teaching: Satisfactory completion of all content and education course requirements is a prerequisite for student teaching. No other courses may be taken during the student teaching semester.

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FOURTH SEMESTER

Additional graduate credits to complete the master’s degree.

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<td>If you have a teaching position during this semester, you only need to take one course and are able to finish the master’s degree over the next academic year.</td>
<td>9</td>
</tr>
</tbody>
</table>

Total Credit Hours: 44-45

Basic Skills: Prior to student teaching

Complete an appropriate, college-level math and composition course with a B- or better. Acceptable scores on the ACT, SAT, GRE or Praxis CORE exam will also satisfy the requirement.

Required Tests and Assessments

Licensure Exam: Prior to student teaching
Pass either state-approved licensure exam, PRAXIS Subject Assessment (test 5081) or PLACE (test 06).

edTPA: During student teaching
Pass the edTPA, a performance-based, subject-specific assessment, with a score of 42 or higher.