SECONrD SCIENCE LICENSE, BA - RURAL PARTNERSHIP WITH OTERO JUNIOR COLLEGE

Introduction
Please click here (http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/school-education-human-development/) to see School of Education & Human Development information.

The Education and Human Development major focuses on engaging Colorado’s rapidly diversifying student and family population. It combines cutting-edge research with real classroom experiences. You’ll learn from innovative faculty members who are locally, nationally and internationally recognized for their research in secondary science education. They will provide you with a robust knowledge base and relevant learning experiences in transforming deep content knowledge into learning experiences for youth across multiple cultural contexts as it relates to teaching youth in grades 7 through 12. You’ll engage in powerful classroom experiences and benefit from our rich 20-year history of partnering with schools to prepare teachers.

We will prepare you to become a highly effective, innovative and compassionate secondary science teacher skilled in improving student performance and reaching the needs of today’s diverse learners in a variety of school settings. You will have the skills to be a teacher leader. CU Denver graduates often go on to acquire positions in educational leadership as their careers progress.

This program is a rural partnership with Otero Junior College (OJC) in La Junta, Colorado. Students complete the first two years of the program at OJC to complete an Associate of Arts degree and then transfer to CU Denver to complete their final two years to complete the BA - EDHD Secondary Science Education degree. During the final two years, students complete CU Denver coursework remotely from La Junta and are not required to travel to Denver. Advising is provided during all four years of the program, whether students are OJC or CU Denver students. Coursework is delivered in a variety of ways, including online, video conferencing, in-person in La Junta, and fieldwork in rural Colorado in and around La Junta.

Program Delivery
• This is an on-campus program in La Junta with a variety of delivery options for many of our courses including hybrid, evening, weekend, and online courses.

Declaring This Major
• Click here (http://catalog.ucdenver.edu/cu-denver/undergraduate/records-registration/registration/declare-change-major-minor/) to go to information about declaring a major.

General Requirements
To earn a degree, students must satisfy all requirements in each of the three areas below, in addition to their individual major requirements.

• CU Denver General Graduation Requirements (http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/general-graduation-requirements/)
• CU Denver Core Curriculum (http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation-undergraduate-core-requirements/)
• School of Education and Human Development Graduation Requirements (http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/school-education-human-development/graduationrequirementstext)
• Click here (http://catalog.ucdenver.edu/cu-denver/undergraduate/records-registration/registration/declare-change-major-minor/) for information about Academic Policies

Program Requirements
1. Students must complete a minimum total of 126 semester hours for the EDHD Secondary Science Education Track.
2. Students must pass the appropriate Praxis Exam prior to beginning their final semester of their Professional Year. It is recommended students complete the exam in the year prior to their Professional Year.
3. Application to the last year of the program, the Professional Year Residency is required. After successfully completing all other Core, major, and elective courses, all students must apply for admission into the Professional Year. Requirements for admission include a 3.0 GPA, positive letters of recommendation, successful evaluations of earlier clinical experiences, and a successful interview. (Students with a lower GPA may be considered under certain conditions. Please see SEHD website (https://education.ucdenver.edu/academic-services/student-resources/undergraduate/).)
4. A minimum GPA of 2.0, grade of C or better, is required for all courses applying to EDHD - Secondary Science Education requirements unless otherwise specified.
5. Students must complete and maintain a 3.0 minimum grade point average in Professional Year coursework to complete licensure requirements. Please see an advisor for more information on this requirement.
6. Transfer courses must be approved by faculty and/or advisor to apply to the major.

Students will receive transfer credit for all of the following content and major requirements:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>MATH 1110 College Algebra (or higher)</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>BIOL 2010 Organisms to Ecosystems (Gen Bio)</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>BIOL 2011 Organisms to Ecosystems Lab (Gen Bio)</td>
<td>1</td>
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<tr>
<td>4</td>
<td>BIOL 2020 Molecules to Cells (Gen Bio)</td>
<td>3</td>
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<tr>
<td>5</td>
<td>BIOL 2021 Molecules to Cells Lab (Gen Bio)</td>
<td>1</td>
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<tr>
<td>6</td>
<td>CHEM 2031 General Chemistry I</td>
<td>3</td>
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<td>7</td>
<td>CHEM 2038 General Chemistry Laboratory I</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>PHYS 2010 College Physics I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>or PHYS 2311 General Physics I: Calculus-Based</td>
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<tr>
<td>9</td>
<td>PHYS 2321 Intro Experimental Phys Lab I</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>GEOL 1073 Physical Geology: Surface Processes</td>
<td>3</td>
</tr>
<tr>
<td>11</td>
<td>GEOL 1074 Physical Geology: Surface Processes Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>EDFN 1000 Equality, Rights &amp; Education</td>
<td>3</td>
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HDFR 3050  Children's Thinking and Assessment  3
EDHD 1930  Community Based Field Experience & Seminar  3
SPED 4030  Understanding (dis)Ability in Contemporary Classrooms  3

Select one of the following:  4-5
   CHEM 2061  General Chemistry II
   & CHEM 2068  and General Chemistry Laboratory II
   PHYS 2020  College Physics II
   & PHYS 2341  and Intro Experimental Phys Lab II
   PHYS 2331  General Physics II: Calculus-Based
   & PHYS 2341  and Intro Experimental Phys Lab II

Major Courses
CLDE 2000  CLDE Foundations  3
EDFN 4010  Social Foundations and Cultural Diversity in Urban Education  3
CLDE 4020  Responsive Classroom Communities  3
SPED 4400  Universal Design for Learning (UDL)  3
SCED 4350  Issues and Trends in Science Education  3
SCED 4340  Equity & Culture in Science Education: Local/Global  3

EDHD 2930  Learning & Development Field Experience & Seminar  2-3
EDHD 3930  Diverse Learners Field Experience & Seminar  3

Professional Year Courses
A minimum grade of B- is required in each course.
UEDU 4040  Planning for Learning  3
LCRT 4100  Secondary Literacy Instruction and Assessment  3
SCED 4400  Theory and Pedagogy of Science Learning  3
SCED 4401  Inquiry Science Pedagogy and Practices  3
UEDU 4050  Elementary Capstone: Planning, Instruction & Assessment  3
or STME 4051  STEM Capstone: Secondary Education
UEDU 4931  Internship & Lrng Comm I  2
UEDU 4932  Internship & Lrng Comm II  2
UEDU 4933  Internship & Lrng Comm III  6

General Electives
Additional required courses from the community college pathway transfer in as electives to reach the required hours for the BA

Total Hours  89-91

1 Courses require a grade of B- or better; all other courses require a grade of C or better. Students who do not have a B- or better in the specified courses must consult with their advisors about a plan to retake the course or complete additional work.

To review the Degree Map for this program, please visit our website (https://www.ucdenver.edu/student/advising/undergraduate/degree-maps/sehd/).