

SECONDARY SCIENCE LICENSE, BA - RURAL PARTNERSHIP WITH NORTHEASTERN 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 (EDHD) 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 early childhood education. They will provide you with a robust knowledge base and relevant learning experiences focused on children's' thinking, culturally responsive education, and supporting English language learners. Further, you will learn how to use a range of technology tools you can use in your work with students. You'll engage in powerful classroom experiences and benefit from our rich 20-year history of partnerships with local school districts.

Program Delivery

- This is an on-campus program in Sterling, Colorado 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/schools-colleges-departments/school-education-human-development/#policiestext>) 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 Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/>)
- CU Denver Undergraduate Core Curriculum (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation-undergraduate-core-requirements/>)
- School of Education & 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/academic-policies-procedures/>) for information about Academic Policies

Program Requirements

- Students must complete a minimum total of 126 semester hours for the EDHD Secondary Science Education Track.
- 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.
- 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/>)).
- 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.
- 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.
- 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:

Code	Title	Hours
Content and Major Requirements		
MATH 1110	College Algebra	4
BIOL 2010	Organisms to Ecosystems (Gen Bio)	3
BIOL 2011	Organisms to Ecosystems Lab (Gen Bio)	1
BIOL 2020	Molecules to Cells (Gen Bio)	3
BIOL 2021	Molecules to Cells Lab (Gen Bio)	1
CHEM 2031	General Chemistry I	3
CHEM 2038	General Chemistry Laboratory I	1
GEOG 1202	Introduction to Physical Geography	3
PHYS 2010	College Physics I	4
PHYS 2321	Intro Experimental Phys Lab I	1
EDFN 1000	Equality, Rights & Education	3
HDFR 3050	Children's Thinking and Assessment	3
EDHD 1930	Community Based Field Experience & Seminar ¹	3
SPED 4030	Understanding (dis)Ability in Contemporary Classrooms ¹	3
Select one of the following:		
CHEM 2061 & CHEM 2068	General Chemistry II and General Chemistry Laboratory II	5
PHYS 2020 & PHYS 2341	College Physics II and Intro Experimental Phys Lab II	5
Students take the remaining courses at CU Denver		
Major Courses		
CLDE 2000	CLDE Foundations ¹	3
EDFN 4010	Social Foundations and Cultural Diversity in Urban Education ¹	3

CLDE 4020	Responsive Classroom Communities ¹	3
SCED 4340	Equity & Culture in Science Education: Local/ Global	3
SCED 4350	Issues and Trends in Science Education	3
STME 4001	Planning for Learning in Mathematics and Science ₁	3
EDHD 2930	Learning & Development Field Experience & Seminar ¹	2-3
EDHD 2930	Learning & Development Field Experience & Seminar ¹	2-3

Professional Year Courses

A minimum grade of B- is required in each course.

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
SPED 4400	Universal Design for Learning (UDL)	3
STME 4051	STEM Capstone: Secondary Education	3
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 **93-95**

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/>).