

SECONDARY SCIENCE LICENSE, BA - RURAL PARTNERSHIP WITH LAMAR COMMUNITY COLLEGE

Introduction

Please click here (<https://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 Lamar, Colorado with a variety of delivery options for many of our courses including hybrid, evening, weekend, and online courses.

Declaring This Major

- Click here (<https://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 (<https://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/>)
- CU Denver Undergraduate Core Curriculum (<https://catalog.ucdenver.edu/cu-denver/undergraduate/graduation-undergraduate-core-requirements/>)
- School of Education & Human Development Graduation Requirements (<https://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/school-education-human-development/#graduationrequirementstext>)
- Click here (<https://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.

- Candidates must meet Colorado Department of Education content competency requirements through approved Multiple Measures or by passing the appropriate Praxis exam prior to beginning their final semester of the 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 or MATH 1401	College Algebra (or higher) Calculus I	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
GEOL 1073	Physical Geology: Surface Processes	3
GEOL 1074	Physical Geology: Surface Processes Laboratory	1
PHYS 2010	College Physics I	4
EDFN 1000	Equality, Rights & Education	3
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 & CHEM 2068	General Chemistry II and General Chemistry Laboratory II	
PHYS 2020	College Physics II	
Select one of the following:		3
BIOL 3521	Vertebrate Biology	
BIOL 3226 & BIOL 3227	Honors Human Physiology and Honors Human Physiology Lab	
BIOL 3650	General Microbiology	
Students take the remaining courses at CU Denver		
Major Courses		
EDHD 2930	Learning & Development Field Experience & Seminar ¹	3

CLDE 2000	CLDE Foundations ¹	3
EDHD 3930	Diverse Learners Field Experience & Seminar ¹	3
SCED 4340	Equity & Culture in Science Education: Local/ Global	3
CLDE 4020	Responsive Classroom Communities ¹	3
EDFN 4010	Social Foundations and Cultural Diversity in Urban Education ¹	3
SCED 4350	Issues and Trends in Science Education	3
SPED 4400	Universal Design for Learning (UDL)	3

Professional Year Courses

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

LCRT 4100	Secondary Literacy Instruction and Assessment	3
STME 4020	Learning and Assessment in STEM: Embracing Design Thinking	3
STME 4030	Exploring Approaches to STEM Education: Making Student Learning Visible	3
UEDU 4040	Planning for Learning	3
UEDU 4050	Capstone: Planning, Instruction & Assessment	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 **92-93**

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>).