

MIDDLE SCHOOL MATH 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 math 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 6 through 8. 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 middle school math 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 degree with Middle School Math License. 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 Trinidad and Alamosa 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 Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/general-graduation-requirements/>)
- 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 Middle School Math 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 - Middle School Math 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 2830	Introductory Statistics	3
MATH 1401	Calculus I	4
MATH 3000	Introduction to Abstract Mathematics	3
MATH 3195	Linear Algebra and Differential Equations	4
PHYS 2010	College Physics I	4
or PHYS 2311	General Physics I: Calculus-Based	
PHYS 2321	Intro Experimental Phys Lab I	1
EDHD 1930	Community Based Field Experience & Seminar ¹	3
EDFN 1000	Equality, Rights & Education	3
HDFR 3050	Children's Thinking and Assessment	3
SPED 4030	Understanding (dis)Ability in Contemporary Classrooms ¹	3
Major Courses		
CLDE 2000	CLDE Foundations ¹	3

EDFN 4010	Social Foundations and Cultural Diversity in Urban Education	3
CLDE 4020	Responsive Classroom Communities	3
SPED 4300	Family, Professional, and Community Collaboration	3
SPED 4400	Universal Design for Learning (UDL)	3
MTED 3040	Mathematics for Elementary Teachers	3
MTED 4621	A World of (Different) Numbers: Quantity and Operation	3
MTED 4622	Expanding Conceptions of Algebra	3
MTED 4623	Geometrical Ways of Reasoning	3
MTED 5070	(Re)Humanizing the Teaching and Learning of Mathematics	3
EDHD 2930	Learning & Development Field Experience & Seminar	2-3
EDHD 3930	Diverse Learners Field Experience & Seminar	3
UEDU 4040	Planning for Learning	3
Professional Year Courses		
A minimum grade of B- is required in each course.		
LCRT 4100	Secondary Literacy Instruction and Assessment	3
MTED 4300	Curriculum and Methods for Teaching Mathematics	3
MTED 4301	Assessment and Equity in Mathematics Instruction	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		91-92

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 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/>).