MIDDLE SCHOOL MATH LICENSE, BA - RURAL PARTNERSHIP WITH OTERO JUNIOR COLLEGE

Introduction
Please click here 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 to go 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.

Program Requirements
1. Students must complete a minimum total of 126 semester hours for the EDHD Middle School Math 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 for more information on Academic Policies)
4. 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.
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>
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<tbody>
<tr>
<td>MATH 2830</td>
<td>Introductory Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1401</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 3000</td>
<td>Introduction to Abstract Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3195</td>
<td>Linear Algebra and Differential Equations</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2010</td>
<td>College Physics I</td>
<td>4</td>
</tr>
<tr>
<td>or PHYS 2311</td>
<td>General Physics I: Calculus-Based</td>
<td></td>
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<tr>
<td>PHYS 2321</td>
<td>Intro Experimental Phys Lab I</td>
<td>1</td>
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<tr>
<td>EDHD 1930</td>
<td>Community Based Field Experience &amp; Seminar</td>
<td>3</td>
</tr>
<tr>
<td>EDFN 1000</td>
<td>Equality, Rights &amp; Education</td>
<td>3</td>
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<tr>
<td>HDFR 3050</td>
<td>Children's Thinking and Assessment</td>
<td>3</td>
</tr>
<tr>
<td>SPED 4030</td>
<td>Understanding (dis)Ability in Contemporary Classrooms</td>
<td>3</td>
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Major Courses
<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>CLDE 2000</td>
<td>CLDE Foundations</td>
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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/).