MED Advising Session
Spring 2024

Dr. Powers (he/him)
(robert.powers@unco.edu)

Dr. Reiten (she/her)
(lindsay.reiten@unco.edu)

Peer Mentor
Tina Brewer (she/her)
tina.brewer@unco.edu
Peer Mentor Program

- **Program Goal:** Support students through their journey in the Mathematics Education programs.

- Peer mentors (Tina) are math education students who are resources to other students in the program.
  - If you are interested in being a peer mentor for 2024-2025, please contact me.

- **Mentoring hours (Ross Hall 2230 B)**
  - Students can ask questions pertaining to the math education programs and Praxis
    - Tuesday 11:00 am – 12:00 pm
    - Wednesday 4:00 pm – 5:00 pm
    - Thursdays 3:30 pm – 4:30 pm
Phase I: STEP 161 Enrollment

STEP 161 is a FALL ONLY course

• Students should enroll in the Canvas checkpoint for **Initial Admission to PTEP Checkpoint** the semester BEFORE they plan to take STEP 161 (i.e., Spring semester prior)
• **Link** will be sent out during *Spring semester*

Initial Admission to PTEP Application

• Fingerprinting and a background check is part of this process
• Application due **1 March 2024**
• **Dr. Powers** signs as the *advisor* (Spring 2024 only)
STEP 262 and MED 341 are SPRING ONLY courses

• There is a placement survey for STEP 262 that needs to be completed the semester before (i.e., complete the survey placement in Fall 2023)
  • [Link](#) will be sent out by Dr. Reiten in Fall
  • Complete the survey by 15 November 2024
• Students *should* take STEP 262 and MED 341 together
• **No** checkpoint for Phase II
Phase III: STEP 363 & MED 441 Enrollment

STEP 363 and MED 441 are FALL ONLY courses

- Students enrolled by STE in Canvas checkpoint for Admission to PTEP Checkpoint the semester BEFORE they plan to take STEP 363 (i.e., Spring semester prior)
- Students must take STEP 363 and MED 441 together

Admission to PTEP Application

- Must take Praxis BEFORE completing application
- Application due: 1 March 2024
- Dr. Powers signs as the advisor (Spring 2024 only)
Praxis

Taking the Praxis Test

• Cost: $130 each time
• Timed test and taken on the computer
• Take at home OR a Testing Center (e.g., Front Range CC, Community College of Denver)

• Send results to UNC (code 4074)
  • Middle School Emphasis Students (Grades 6-8)
    • Take test 5164 (minimum score to pass 157)
  • Secondary Emphasis Students (Grades 7-12)
    • Take test 5165 (minimum score to pass 159)

• Students planning to take STEP 363 in Fall 2024 must take the appropriate Praxis test by 1 March 2024.
Praxis Study Sessions

Preparing for Praxis

• Praxis Study Sessions Led by Peer Mentor(s) in Ross 2230 G
  • Tuesdays 2:00-3:00 pm
  • Wednesdays 2:00-3:00 pm

• Resources
  • Peer Mentor Bulletin Board
  • Checkout (Bookshelf in Ross Hallway 2230)
  • Mathematics Teacher Preparation Programs website (click here)
  • Library
  • 240tutoring.com
  • Discount available from School of Teacher Education (see Mathematics Teacher Preparation website for more details)
Phase IV: STEP 464 (Student Teaching)

STEP 464 occurs in FALL AND SPRING

- Students enrolled by STE in Canvas checkpoint for Application for Student Teaching Checkpoint the semester BEFORE they plan to take STEP 464

Student Teaching Application

- Must pass Praxis BEFORE completing application
- Application due 2\textsuperscript{nd} Friday of February for Fall Student Teaching
- Application due 2\textsuperscript{nd} Friday of September for Spring Student Teaching
- Dr. Powers signs as the advisor
Supporting Multilingual Learners (MLs)

- State requirement for licensure
- Must have 6 credits (or equivalent) related to supporting MLs
  - ECLD 360 and ECLD 340
  - ECLD 360 has been required for all programs since Fall 2020
Financial Aid Policy

Middle School and Secondary Programs have two GPA requirements

- Overall GPA 2.5
- Major Content (MATH, MED, CS, STAT) GPA 2.5
Course Offering for 2024-2025

Fall 2024
- Math 185 (Number Sense)
- Math 221 (Linear Algebra)
- Math 283 (Geo. & Measurement)
- Math 286 (Elements of Discrete)
- Math 233 (Calc III)
- Math 386 (Problem Solving)
- Math 437 (Modeling)
- MED 441 (Methods)
- MED 449 (Tech. Methods)

Spring 2025
- Math 228 (Discrete)
- Math 283 (Geo. & Measurement)
- Math 391 (Number Theory)
- Math 341 (Geometry)
- Math 317 (Foundations)
- MED 341 (Principles)

- Required in MS Program
- Required in Sec Program
- Required in BOTH
## Course Offering for 2025-2026

### Fall 2025
- Math 185 (Number Sense)
- Math 221 (Linear Algebra)
- Math 286 (Elements of Discrete)
- Math 233 (Calc III)
- Math 386 (Problem Solving)
- Math 321 (Abstract Algebra)
- MED 441 (Methods)

### Spring 2026
- Math 228 (Discrete)
- Math 283 (Geo. & Measurement)
- Math 391 (Number Theory)
- Math 341 (Geometry)
- STAT 355 (Statistics)
- MED 341 (Principles)

- Required in MS Program
- Required in Sec Program
- Required in BOTH
Course Rotations

Fall only courses
• Math 185 (Number Sense)
• Math 221 (Linear Algebra)
• Math 286 (Elements of Discrete)
• Math 233 (Calc III)
• Math 386 (Problem Solving)
• MED 441 (Methods)

Even Falls only
• MED 449 (Tech. Methods)
• Math 437 (Modeling)

Odd Falls only
• Math 321 (Abstract Algebra)
• Math 464 (History)

Spring only courses
• Math 228 (Discrete)
• Math 391 (Number Theory)
• MED 341 (Principles)
• Math 341 (Geometry)

Even Springs only
• STAT 355 (Intro to Applied Stats and Prob.)

Odd Springs only
• Math 317 (Foundations)

• Required in MS Program
• Required in Sec Program
• Required in BOTH
Course Rotations

Content Courses occurring every semester

- Math 131 (Calc I)
- Math 132 (Calc II)
- Math 283 (Geo. & Measurement)
- CS 120 (Computer Programming)

PTEP Course

- EDF 290 (EDF 366)
- ECLD 360
- ECLD 340
- EDSE 360
- PSY 247 (FALL ONLY)
- PSY 349 (not LAC will substitute for PSY 247)
- ET 449
Feedback/Thoughts

Students in Phase II or who have completed Phases I or III, what advice do you have for those going who have not started Phase I?
Mathematics Teacher Prep. Programs

Website:
https://www.unco.edu/nhs/mathematical-sciences/current-students/math-teacher-prep.aspx

- Newsletters
- Advising Information
- Peer Mentor Information
- Praxis Information
- Advising Videos (TBD)
School of Teacher Education (Current Students)

Website: https://www.unco.edu/cebs/teacher-education/undergraduate-programs/secondary-education/current-students/
Questions and Answers

What questions do you have for Dr. Powers?

Who do you contact with questions after today?

- Tina Brewer, Peer Mentor  
  (tina.brewer@unco.edu)
- Dr. Powers, Program Coordinator  
  (robert.powers@unco.edu)
- Advisor
Worksheets

Data refreshed 02/17/2024 12:17 AM

Student ID: 0000
Name: Student, Secondary
Degree: Bachelor of Science

Level: Undergraduate
Classification: Sophomore
Major: Mathematics
Program: Mathematics:Secondary-BS
Concentrations: Licensure:Math (Grades 7-12) (UG), Mathematics:Secondary Teaching (GR)
College: Natural & Health Sciences
Advisor(s): Robert Powers
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<th>Degree Worksheet Audit</th>
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<tr>
<td><strong>Completed Course</strong></td>
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<tr>
<td>ARTS &amp; HUMANITIES - 6 hours</td>
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<td>MUS 140</td>
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<td>PHIL 126</td>
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<td><strong>Transfer Course</strong> Complete</td>
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<td>ARS &amp; HUMANITIES, HISTORY or SOCIAL &amp; BEHAVIORAL SCI. - 3 hours</td>
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<td>PSY 120</td>
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<td><strong>Satisfied by</strong></td>
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<td>PSYC101 - Introduction to Psychology - Community College of America</td>
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<td><strong>Gap in the Plan</strong></td>
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<td>HISTORY - 3 hours</td>
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<td><strong>Not Complete</strong></td>
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<td><strong>Planned Course</strong> Complete (with classes in-progress)</td>
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<td>Human Behavior &amp; Social Frameworks</td>
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<td>PSY 247</td>
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<td><strong>See your advisor</strong></td>
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Still needed: 3 Credits in @ @ with attribute = LAH1 or attribute = LC4
Degree Program Audit

Run an **audit** of your degree worksheet plan

Look to see if you are **on track**
Look to see if any requirements are **O not complete**

If you are **not on track** or have a “**not complete**” in your degree plan, talk to Dr. Powers or your advisor
Degree Program Work Time

Options

• Stay and talk to Dr. Powers in Breakout Room 1
• Tina will meet in Breakout Room 2
• Make an appointment with your advisor

REMINDER: You need to meet with your advisor to get your PIN for registration.

Recommended Four-year plans are found on the Registrar’s website.
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## Order for Meeting

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