

MED Advising Session

Fall 2024



UNC

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

Peer Mentors

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

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

Dylan Warcholik (he/him)
dylan.warcholik@unco.edu

Peer Mentors

- **Program Goal: Support students through their journey in the Mathematics Education programs.**
- Peer mentors (Tina and Dylan) are math education students who are resources to other students in the program.
- **Mentoring hours (Ross Hall 2230 B)**
 - Students can ask questions pertaining to the math education programs and Praxis
 - Mondays 3:30-4:30 pm
 - Tuesdays 8:00-9:00 am
 - Wednesdays 2:30-3:30 pm
 - Thursdays 3:30-4:30 pm
 - Fridays 2:30-3:30 pm
- **Study Groups??-see email next week for more information**

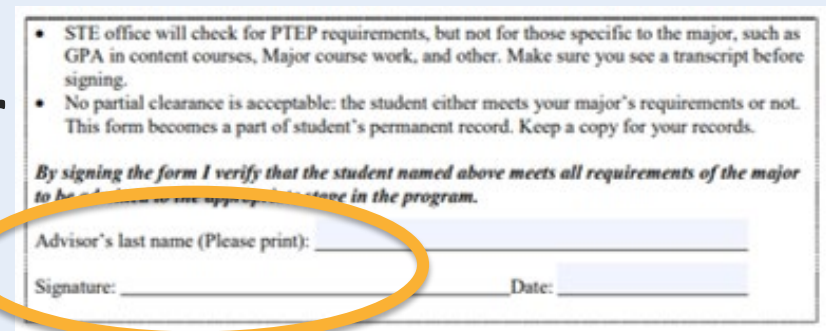
Phase I: STEP 161 Enrollment

STEP 161 is a FALL ONLY course

- Students should SEE the Canvas shell checkpoint for **Initial Admission to PTEP Checkpoint** the semester BEFORE they plan to take STEP 161 (i.e., Spring semester prior)
- Let Dr. Reiten know, in January, if the Checkpoint does not show on your Canvas Dashboard.

Initial Admission to PTEP Application

- Fingerprinting and background check are part of this process
- Application due **1 March 2025**
- **Dr. Reiten** signs as the advisor



• STE office will check for PTEP requirements, but not for those specific to the major, such as GPA in content courses, Major course work, and other. Make sure you see a transcript before signing.

• No partial clearance is acceptable: the student either meets your major's requirements or not. This form becomes a part of student's permanent record. Keep a copy for your records.

By signing the form I verify that the student named above meets all requirements of the major to be admitted to the application process in the program.

Advisor's last name (Please print): _____

Signature: _____ Date: _____

Phase II: STEP 262 & MED 341 Enrollment

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 2024)
 - [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

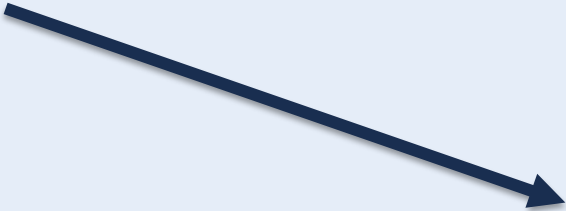
Phase III: STEP 363 & MED 441 Enrollment

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 2025**
- **Dr. Reiten** signs as the advisor



• STE office will check for PTEP requirements, but not for those specific to the major, such as GPA in content courses, Major course work, and other. Make sure you see a transcript before signing.

• No partial clearance is acceptable: the student either meets your major's requirements or not. This form becomes a part of student's permanent record. Keep a copy for your records.

By signing the form I verify that the student named above meets all requirements of the major to be admitted to the program.

Advisor's last name (Please print): _____

Signature: _____ Date: _____

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)
 - Use a white board or paper in a sleeve protector (erasable writing) if taking the test at home.
- Send results to UNC (**code 4074**)
 - Middle School Concentration Students (Grades 6-8)
 - Take test 5164 (minimum score to pass 157)
 - Secondary Concentration Students (Grades 7-12)
 - Take test 5165 (minimum score to pass 159)

Students planning to take STEP 363 in Fall 2025 must take the appropriate Praxis test by 1 March 2025.

Praxis Study Sessions

Preparing for Praxis

- Praxis Study Sessions Led by Peer Mentor(s) in Ross 2230 G
 - Mondays 2:30 - 3:30 pm
 - Wednesdays 3:30 – 4:30 pm
 - Thursdays 8:00 - 9:00 am
- Resources
 - Peer Mentor Bulletin Board
 - Peer Mentor Newsletter
 - 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)

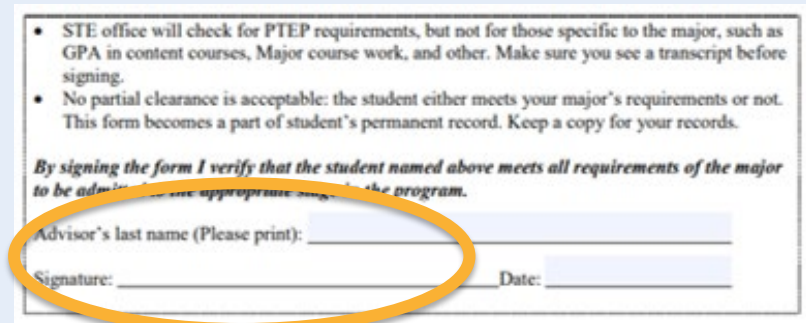
Phase IV: STEP 464 (Student Teaching)

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 2nd Friday of February for Fall Student Teaching
- Application due 2nd Friday of September for Spring Student Teaching
- **Dr. Powers signs as the advisor**



• STE office will check for PTEP requirements, but not for those specific to the major, such as GPA in content courses, Major course work, and other. Make sure you see a transcript before signing.

• No partial clearance is acceptable: the student either meets your major's requirements or not. This form becomes a part of student's permanent record. Keep a copy for your records.

By signing the form I verify that the student named above meets all requirements of the major to be admitted to the appropriate stage of the program.

Advisor's last name (Please print): _____

Signature: _____ Date: _____

English Language Learner Ed Prep Guidelines

Supporting Multilingual Learners (MLs)

- State requirement for licensure
- Must have 6 credits (or equivalent) related to supporting MLs
 - ECLD 260: Language Acquisition in Multilingual Societies
 - *Replaces ECLD 360: Second Language Acquisition*
 - ECLD 341: Content-Based Literacy for Equitable Access to PK-12 Instruction
 - *Replaces ECLD 340: Academic Language/Literacy Development in Secondary Content Area*

Supporting Diverse Learners

Supporting Diverse Learners

- **Differentiation**
 - Diverse learners → EDSE 360
 - Universal Design for Learning (UDL) → MED 441
- **Supporting Multilingual Learners**
 - ECLD 260, ECLD 341, MED 341
 - STEP courses
- **Culturally Responsive, Trauma, and Evidenced-Informed Practices**
 - Harmony Academy/Inspire Modules
 - Checkpoints
 - STEP courses
- **Social and Emotional Learning (SEL)**
 - ET 449
 - Harmony Academy/Inspire Modules

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
- Can only apply financial aid to required courses (i.e., program and LACs)

Course Rotations (2025)

Spring 2025

- Math 221 (Linear Algebra)
- Math 228 (Discrete)
- Math 283 (Geo. & Measurement)
- Math 391 (Number Theory)
- Math 341 (Geometry)
- Math 317 (Foundations)
- MED 341 (Principles)

Fall 2025

- Math 185 (Number Sense)
- Math 286 (Elements of Discrete)
- Math 233 (Calc III)
- Math 386 (Problem Solving)
- Math 321 (Abstract Algebra)
- Math 464 (History of Mathematics)
- MED 441 (Methods)

- Required in MS Program
- Required in Sec Program
- Required in BOTH

Course Rotations

Fall only courses

- Math 185 (Number Sense)
- 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 221 (Linear Algebra)
- Math 391 (Number Theory)
- Math 341 (Geometry)
- MED 341 (Principles)

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 (for the upcoming years)

Content Courses occurring every semester

- Math 131 (Calc I)
- Math 132 (Calc II)
- *Math 228 (Discrete)*
- **Math 283 (Geo. & Measurement)**
- CS 120 (Computer Programming)
- Required in MS Program
- Required in Sec Program
- Required in BOTH

PTEP Course

- EDF 290 (Foundations of Education)
- ECLD 260 (Language Acquisition in Multilingual Societies)
- ECLD 341 (Content-Based Literacy)
- EDSE 360 (Adaptations/Modifications & Integration)
- PSY 247 (**FALL ONLY**) (Adolescent Learning & Motivation)
- PSY 349 (not LAC, substitute for PSY 247) (Psy. for Sec. Teachers)
- ET 449 (Integrating Technologies into Sec Ed Pedagogy)

Feedback/Thoughts

Students in/completed Phase I, II, or III, what advice do you have for students who have not started Phase I?

Mathematics Teacher Prep. Programs

The screenshot shows a web browser window with the URL [unco.edu/nhs/mathematical-sciences/current-students/math-teacher-prep.aspx](https://www.unco.edu/nhs/mathematical-sciences/current-students/math-teacher-prep.aspx). The page header includes the University of Northern Colorado logo and navigation links: Request Information, APPLY, VISIT, GIVE. A dark blue navigation bar contains: ADMISSIONS, ACADEMICS, STUDENT EXPERIENCE, ARTS, ATHLETICS, ALUMNI, FOR YOU, ABOUT. Below this is a section for "Mathematical Sciences" with the sub-heading "MATHEMATICS TEACHER PREPARATION PROGRAMS". A breadcrumb trail reads: Home > News & Events > Programs > Faculty & Staff > Student Resources > Contact Us. A "Math Placement Info" button is visible. The main content area is titled "Mathematics Teacher Preparation Programs" with a "Program Flyer" sub-heading. The text describes two programs for secondary and middle school levels, mentions licensure in Colorado, and lists coordinators Dr. Rob Powers and Dr. Lindsay Reiten. A section titled "Links for 4-Year Degree Plans" contains four buttons: "BS Mathematics: Middle School Teaching Emphasis", "BS Mathematics: Middle School Teaching Emphasis with CLD Endorsement", "BS Mathematics: Secondary Teaching Emphasis", and "BS Mathematics: Secondary Teaching Emphasis with CLD Endorsement".

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)

The screenshot shows a web browser window with the URL [unco.edu/cebs/teacher-education/undergraduate-programs/secondary-education/current-s...](https://www.unco.edu/cebs/teacher-education/undergraduate-programs/secondary-education/current-students/). The page header features the University of Northern Colorado logo and navigation links: **ADMISSIONS**, **ACADEMICS**, **STUDENT EXPERIENCE**, **ARTS**, **ATHLETICS**, **ALUMNI**, **FOR YOU**, and **ABOUT**. A search icon is also present. Below the header, the page title is **School of Teacher Education** with a sub-section for **CURRENT STUDENTS**. A breadcrumb trail reads: **UNC > College of Education and Behavioral Sciences > School of Teacher Education > Undergraduate Programs > Secondary Education > Current Students**. The main content area is titled **Secondary Education Resources** and includes a sub-section for **Current Students** with a link to **Student Teaching**. The text provides placement survey links for Fall 2024 and Spring 2025, and STEP Out Request for STEP 161, 262, 363. It also lists PTEP Canvas Checkpoints, stating there are 3 checkpoints that must be completed prior to student teaching. The checkpoints are: 1. The Initial Admission to PTEP canvas checkpoint **must** be completed the **semester before** STEP 161. 2. The Full Admission to PTEP canvas checkpoint **must** be completed the **semester before** STEP 363. 3. The Application for Student Teaching canvas checkpoint **must** be completed the **same semester** as STEP 363. A note advises consulting with a content advisor for any questions. Below this, there are sections for **Additional information links** (Contact Us, Program Design - Updated design coming soon, Student Teaching Information, Final Form and Exit Survey (Student Teaching)), **Forms** (Oath & Consent Form, Major Content Approval Form), and **Handbooks and Guides** (Classroom Management Guide, Lesson Planning Guide).

Website: <https://www.unco.edu/cebs/teacher-education/undergraduate-programs/secondary-education/current-students/>

Swag Drawing



Questions and Answers

What questions do you have for Drs. Reiten and/or Powers?

Who do you contact with questions after today?

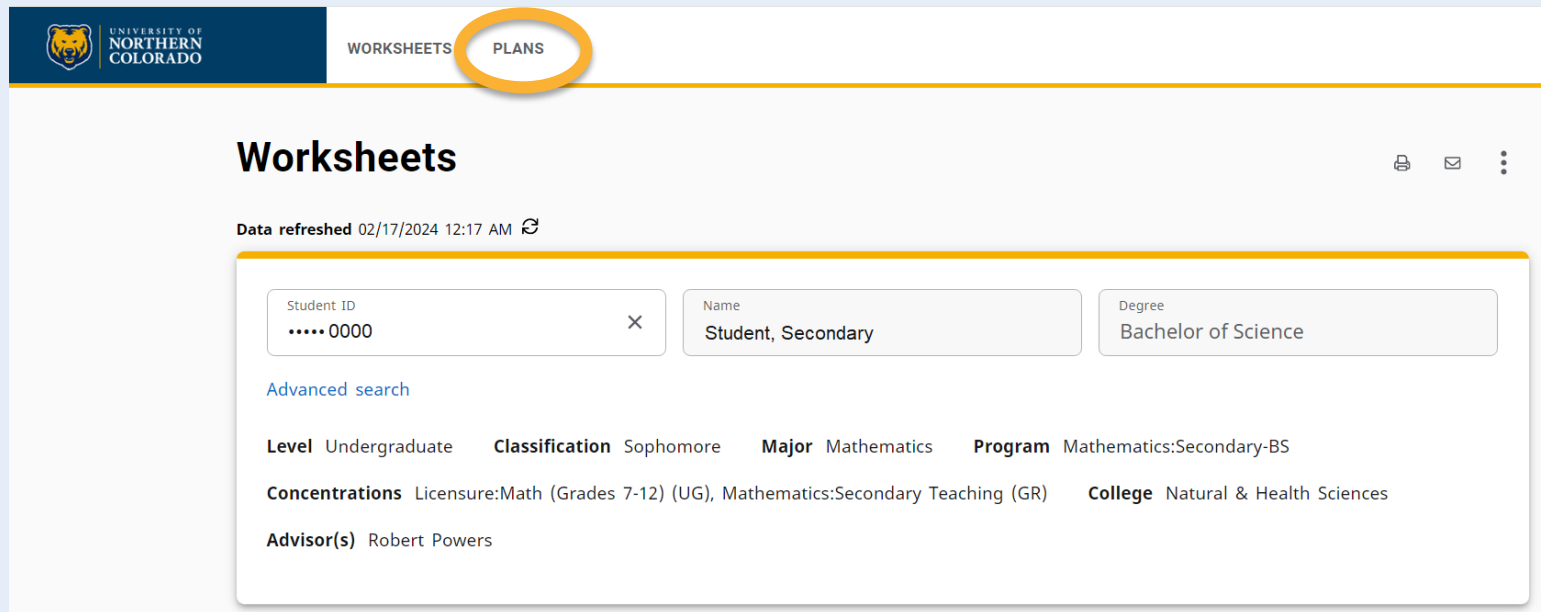
- Tina Brewer, Peer Mentor
(tina.brewer@unco.edu)
- Dylan Warcholik, Peer Mentor
(dylan.warcholik@unco.edu)
- Dr. Reiten, Program Coordinator (Phases I-III)
(lindsay.reiten@unco.edu)
- Dr. Powers, Program Coordinator (Phase IV)
(robert.powers@unco.edu)

- Advisor

Review Degree Program Plan

Log in to Degree Works and click on PLANS. Review your plan of study to see if it aligns with your plans (e.g., courses you plan to take, when you plan to take them, etc.).

You may work with Dr. Reiten or one of the peer mentors to update your plan.



The screenshot shows the Degree Works interface for the University of Northern Colorado. The top navigation bar includes the university logo and the text "UNIVERSITY OF NORTHERN COLORADO". Below this, there are two tabs: "WORKSHEETS" and "PLANS", with "PLANS" being the active tab and circled in orange. The main content area is titled "Worksheets" and includes a "Data refreshed" timestamp of "02/17/2024 12:17 AM". Below the title, there are three search filters: "Student ID" (displaying ".....0000"), "Name" (displaying "Student, Secondary"), and "Degree" (displaying "Bachelor of Science"). A link for "Advanced search" is also present. The search results display the following information: "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", and "Advisor(s) Robert Powers".

Review Degree Program Plan

Log in to Degree Works and click on PLANS. Review your plan of study to see if it aligns with your plans (e.g., courses you plan to take, when you plan to take them, etc.).

You may work with Dr. Reiten or one of the peer mentors to update your plan.

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

You are welcome to stay and work on your degree plan.

- Recommended [Four year plans](#) are found on the Registrar's website