

MED Advising Session

Spring 2024



UNC

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)

• 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 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 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)

• 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 in the program.

Advisor's last name (Please print): _____

Signature: _____ Date: _____

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)

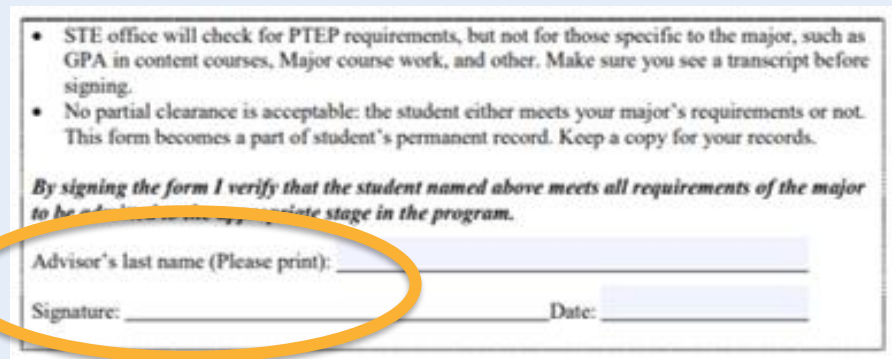
Phase IV: STEP 464 (Student Teaching)

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 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 next stage in 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 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

The screenshot shows the University of Northern Colorado website. At the top left is the university logo featuring a bear's head and the text "UNIVERSITY OF NORTHERN COLORADO". To the right are links for "Request Information", "APPLY", "VISIT", and "GIVE". A dark blue navigation bar contains links for "ADMISSIONS", "ACADEMICS", "STUDENT LIFE", "ARTS", "ATHLETICS", "ALUMNI", "FOR YOU", and "ABOUT". Below this is a dark blue header for "Mathematical Sciences" with the sub-header "MATHEMATICS TEACHER PREPARATION PROGRAMS". A secondary navigation bar includes "Home", "News & Events", "Programs", "Faculty & Staff", "Student Resources", "Contact Us", and a "Math Placement Info" button. A breadcrumb trail reads: "UNC > College of Natural and Health Sciences > Mathematical Sciences > Current Students > Mathematics Teacher Preparation Programs". The main content area has a heading "Mathematics Teacher Preparation Programs" followed by a paragraph: "Mathematical Sciences has two mathematics teacher preparation programs preparing students to teach mathematics at the secondary (grades 7-12) or middle school (grades 6-8) levels." Below this are three paragraphs of text describing the programs' focus on technology and language support, the demand for mathematics teachers, and the teaching emphasis programs. At the bottom, 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 displaying the University of Northern Colorado website. The URL is [unco.edu/cebs/teacher-education/undergraduate-programs/secondary-education/current-students/](https://www.unco.edu/cebs/teacher-education/undergraduate-programs/secondary-education/current-students/). The page features the university's logo and navigation menu. The main content area is titled "School of Teacher Education" and "CURRENT STUDENTS". Below this, there is a breadcrumb trail: "UNC > College of Education and Behavioral Sciences > School of Teacher Education > Undergraduate Programs > Secondary Education > Current Students". The primary heading is "Secondary Education Resources", with sub-sections for "Current Students" and "Student Teaching".

Secondary Education Resources

Current Students

Student Teaching

Placement survey links for Secondary students

- Request for placement for Spring 2021 [use this survey](#)
- Request for placement for Fall 2021 [use this survey](#)
- STEP Out Request for STEP 161, 262, 363

PTEP Canvas Checkpoints

The Initial Admission to PTEP canvas checkpoint **must** be completed the semester **before** your first field experience. Please select the link to the appropriate semester below. The links are specific to the semester in which they are offered. Please consult with your content advisor for any questions.

- Initial Admission to PTEP - Spring semester
- Initial Admission to PTEP - Summer semester
- Initial Admission to PTEP - Fall semester

Additional information links

- [Contact Us](#)
- [Program Design](#) - Updated design coming soon
- [Student Teaching Information](#)
- [Student Teaching Abroad Information](#)
- [Final Form and Exit Survey](#) (Student Teaching)

Forms

- [Oath & Consent Form](#)

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

Degree Worksheet Audit



WORKSHEETS

PLANS

Worksheets



Data refreshed 02/17/2024 12:17 AM

Student ID
.....0000



Name
Student, Secondary

Degree
Bachelor of Science

[Advanced search](#)

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

Degree Worksheet Audit



WORKSHEETS PLANS

Worksheets



Data refreshed 02/17/2024 12:17 AM

Student ID
.....0000

Name
Student, Secondary

Degree
Bachelor of Science

[Advanced search](#)

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

Plan List

[NEW PLAN](#)

Description	Active	Modified ↓	Who	Degree	Level	Status
Mathematics: Secondary Teaching Concentration	es	12/08/2023	Croissant, Beckie	BS	UG	Locked

⏪ < Page 1 of 1 > ⏩

Total results: 1

Degree Worksheet Audit



WORKSHEETS PLANS

Worksheets



Data refreshed 02/17/2024 12:17 AM ↻

Student ID
.....0000

Name
Student, Secondary

Degree
Bachelor of Science

[Advanced search](#)

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

Mathematics: Secondary Teaching Concentration



PLAN LIST

NEW PLAN

Degree Bachelor of Science

Level Undergraduate

Active Yes

Status Locked

Tracking Statu

ON TRACK

Last updated: Croissant, Beckie on 12/08/2023

Audit

What-If

Delete plan

Save as copy

Create block

Degree Worksheet Audit

ARTS & HUMANITIES - 6 hours

MUS 140 AH1-Introduction to Music REG (3) Spring 2024

Current Course

Not Complete

PHIL 126 AH3-Global Philosophies A 3 Spring 2023

HISTORY - 3 hours

Still needed: 3 Credits in @ @ with attribute = LAH1 or attribute = LC4

Gap in the Plan

SOCIAL SCIENCES - 3 hours

PSY 120 PRINCIPLES OF PSYCHOLOGY A-T 3 Summer 2023

Transfer Course

Complete

Satisfied by: PSYC101 - Introduction to Psychology - Community College of America

ARTS & HUM, HISTORY or SOCIAL & BEHAVIORAL SCI. - 3 hours

PSY 247 Adolescent Learning & Mot PLAN (3) Spring 2026

Planned Course

Complete (with classes in-progress)

See your advisor



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 **○ 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

Advising Meeting

Powers	Reiten
Athanites	Anderson
Lutz	Ayres
Martinez	Fahrenbach
Renquist	Makloski
Reynolds	Minne
Rodriguez	Yost
Shaw	
Tapia Arteaga	
Warcholik	

Order for Meeting

Last Name	Last Name	Last Name	Last Name	Last Name
1.Brewer	6.Fahrenbach	11.Childers	16.Athanites	21.Frohardt
2.Makloski	7.Warcholik	12.Venegas-Garcia	17.Renquist	22.Martinez
3.Tapia Arteaga	8.Anderson	13.Yost	18.Reynolds	23.Minne
4.Shaw	9.Asquith	14.Overton	19.Huizar- Diaz	24.Rodriguez
5.Lutz	10.Ayres	15.Eaton	20.Sage	25.Johnson