**Cultural and Linguistic Diversity (CLD)**

**E-mail:** [**Elizabeth.Franklin@unco.edu**](mailto:Elizabeth.Franklin@unco.edu)

**Phone: 970.351.1402**

The Cultural and Linguistic Diversity track is a 12 credit track. This track provides valuable information that equips teacher candidates to effectively work with second language learners in the elementary classroom. Students can easily add an English as a Second Language Endorsement (ESL) by completing 9 credits which are embedded within the major. This enables teacher candidates to work with English language learners in a variety of K-12 settings. An ESL Endorsement in addition to the K-6 teaching license, is a highly sought-after credential for classroom teachers.

Please see HSS – Teaching English as a Second Language Endorsement.

**\*\*\***

**Students must take the following three (3) courses:**

\_\_\_\_ TESL 380 Introduction to Linguistics for ESL/CLD Educators (3)

\_\_\_\_ TESL 400 Methods and Approaches

of ESL/EFL (3)

\_\_\_\_ TESL 401 TESL Practicum (3)

**THEN** choose **one (1)**:

\_\_\_\_ MAS 275 Education of Mexican

American Students (3) **OR**

\_\_\_\_ HISP 395 History and Philosophy of Bilingual Education (3)

**Education New Literacies**

**E-mail:** [**Suzette.Youngs@unco.edu**](mailto:Suzette.Youngs@unco.edu)

**Phone: 970.351.2908**

The New Literacies track is designed to develop classroom teachers that have foundational theoretical knowledge of multimodal and digitally infused pedagogy for transformative teaching and learning. The New Literacies track will provide courses where teacher candidates design, develop, evaluate and disseminate multimodal and digital content using various instructional and digital tools and relevant learning theories. This track will help teacher candidates identify the needs of their students when reading, viewing, composing and responding to multimodal texts in the classroom. They will also develop understandings related to the strategic use of multimodal tools and develop instructional approaches to support the development of readers and designers within a digital and multimodal environment.

**\*\*\***

**Students must take all of the following courses:**

\_\_\_\_ EDNL 321 Literacy in the Digital Age (3)

\_\_\_\_ EDNL 322 Digital Literacy and

Multimodal Texts (3)

\_\_\_\_ EDNL 423 Multimodal Design: Language Arts (3)

\_\_\_\_ EDNL 424 Multimodal Design: Literacy, Invention and Learning (3)

**Science**

**E-mail:** [**David**](mailto:Wendy.Adams@unco.edu)**.Slykhuis@unco.edu**

**Phone: 970.351.1214**

The Science track is designed to engage, inspire and excite pre-service teachers about science. All coursework has been created specifically for elementary teacher candidates with hands-on and minds-on activities that allow teacher candidates to explore the fundamental concepts of life science, earth and space science, physical science, and engineering. These courses will provide the necessary experiences and resources to prepare teacher candidates to step into the elementary classroom as effective and responsible educators of standards-based K-6 science.  Teacher candidates will have background knowledge for the Colorado Academic Standards and Next Generation Science Standards.

**\*\*\***

**Students must take all of the following courses:**

\_\_\_\_ SCI 365 Advanced Physical Science Concepts (4)

\_\_\_\_ BIO 365 Advanced Life Science

Concepts (3)

\_\_\_\_ ESCI 365 Advanced Earth Science

Concepts (3)

\_\_\_\_ SCED 381 Science Teaching Asst. (2)

**Special Education**

**Email:** [**Jennifer.urbach@unco.edu**](mailto:Jennifer.urbach@unco.edu)

**Phone: 970.351.1661**

The Special Education track for Elementary Education majors provides content and skills that assist elementary teacher candidates in meeting the unique needs of all students, particularly those representing the significant diversity in today’s schools. The focus of this academic track is to develop competencies in providing specially designed instruction to learners with disabilities, determine adaptations that match the needs of each learner, and ensure that learners with disabilities reach their learning potential. Teacher candidates who complete this academic track develop knowledge and skills in a number of relevant areas for elementary teachers including: collaborating with families and other educators, assessing the instructional needs of individual learners, providing instructional support to address individual differences for all learners, and evaluating the results of individualized education programs.

**\*\*\***

**Students must take** **the following two (2) courses**:

\_\_\_\_ EDSE 201 Culture of Special Ed (3)

\_\_\_\_ EDSE 203 The Individual Education

Program and the Collaborative Process (3)

**THEN** choose **two (2)**:

\_\_\_\_ EDSE 320 Assessment in Special Ed (3)

\_\_\_\_ EDSE 460 Culturally and Linguistically Diverse Students with Disabilities (3)

\_\_\_\_ ART 248 Introduction to Art Education/Art for the Exceptional Child (3)

**Mathematics**

**E-mail:** [**Gulden.karakok@unco.edu**](mailto:Steven.Leth@unco.edu)

**Phone: 970.351.2457**

The Mathematics track is designed to prepare K-6 teachers who want to understand and teach mathematical concepts at a richer, deeper level. Mathematics classes in this program are designed to enrich student understanding, interest, and enjoyment of fundamental concepts such as fraction and base models, ratio and proportion, while also interweaving topics from calculus, geometry, number theory and discrete mathematics in a problem-solving, discovery based setting.  All classes are taught by mathematicians and mathematics educators with expertise in preparing future teachers. **\*\*\***

**Students must take** **MATH 185** and **MATH 186**, ***or*** **MATH 181, MATH 182**, **and MATH 186** in LAC Area 2.

**THEN** **MUST** take **all** of the following courses:

\_\_\_\_ MATH 286 Elements of Discrete

Mathematics (3)

\_\_\_\_ MATH 386 Problem Solving (2)

\_\_\_\_ MATH 341 Introduction to Modern

Geometry I (3)

\_\_\_\_ MATH 391 Introduction to Number

Theory (3)

\_\_\_\_ MED 385 Fundamental Mathematics

Education (1)

**Social Studies**

**E-mail:** [**Fritz.Fisher@unco.edu**](mailto:Fritz.Fisher@unco.edu)

**Phone: 970.351.2263**

Understanding the ways of thinking and the skills embedded in the social studies is important for elementary teacher candidates. Elementary teachers at every level must teach social studies content and concepts. In this track, teacher candidates will grapple with the ways of thinking in the four core social studies disciplines: History, Geography, Civics and Economics. These courses will deepen student understanding of a complex and ever-changing world. They will also deepen their own skills in writing, critical thinking, reasoning, and problem-solving. In these engaging, interesting and thought-provoking courses, teacher candidates will learn methods and ideas that will build the civic understanding of their future students and help make their own future classrooms engaging and fun. **\*\*\***

**Students must take** one (1) course from **each** of the social studies disciplines as listed below**,** for a **total of 12 credits, or four classes:**

**Economics: choose one (1) class**

\_\_\_\_ ECON 203 Macroeconomics (3)

\_\_\_\_ ECON 205 Microeconomics (3)

**Geography: choose one (1) class**

\_\_\_\_ GEOG 250 The Making of the American Landscape (3)

\_\_\_\_ GEOG 315 Nature and Society (3)

\_\_\_\_ GEOG 320 Population Geography (3)

\_\_\_\_ GEOG 330 Cultural Geography (3)

\_\_\_\_ GEOG 335 Middle America (3)

\_\_\_\_ GEOG 370 The City (3)

\_\_\_\_ GEOG 390 Geographic Inquiry: Applying Spatial Thinking (3)

\_\_\_\_ GEOG 391 Colorado and Gunnison Rivers: Riparian Geog. (3)

**History: choose one (1) class**

\_\_\_\_ HIST 290 American Immigration (3)

\_\_\_\_ HIST 314 Latin America to 1855 (3)

\_\_\_\_ HIST 315 Latin America since 1855 (3)

\_\_\_\_ HIST 320 Early America to 1763 (3)

\_\_\_\_ HIST 321 Revolutionary America (3)

\_\_\_\_ HIST 323 Marriage and the Family (3)

\_\_\_\_ HIST 329 American Indian History (3)

\_\_\_\_ HIST 338 Advanced Overview of US History (3)

\_\_\_\_ HIST 347 US Women to 1877 (3)

\_\_\_\_ HIST 396 World History (3)

**Political Science: choose one (1) class**

\_\_\_\_ PSCI 301 Electoral Politics (3)

\_\_\_\_ PSCI 302 Power in America (3)

\_\_\_\_ PSCI 303 Public Policy in the US (3)

\_\_\_\_ PSCI 309 American Political Development (3)

\_\_\_\_ PSCI 315 Comparative Public Policy (3)

**Performing & Visual Arts**

**E-mail:** [**Connie.Stewart@unco.edu**](mailto:Connie.Stewart@unco.edu)

**Phone: 970.351.2426**

The Performing & Visual Arts track provides specific content knowledge and basic skill development in the disciplines of Music, Theatre Arts/Dance, and Visual Arts. Instruction will exemplify how learning occurs through the arts, and how the arts contribute to cultural, scientific, social, and personal understandings. This track will provide Teacher Candidates with art making experiences so they can integrate the arts in the elementary school. Teacher Candidates may choose courses from Art, Music, or Theatre offerings. **\*\*\***

**Students must take four 3-credit courses from the list below for a total of 12 credits:**

**Art and Design**

\_\_\_\_\_ ART 183 2D Design (3)

\_\_\_\_\_ ART 184 3D Design (3)

\_\_\_\_\_ ART 234 Drawing I (3)

\_\_\_\_\_ART 290 Visual Thinking and Visual Images (3)

**Music**

\_\_\_\_\_ MUS 140 Introduction to Music (3)

\_\_\_\_\_ MUS 143 Musical Styles and Context (3)

\_\_\_\_\_ MUS 150 History of Rock and Roll (3)

\_\_\_\_\_ MUS 247 Music Cultures of the World (3)

\_\_\_\_\_ MUS 296 Jazz Music: History and Appreciation (3)

\_\_\_\_\_ *MUS 210\* Introduction to Music Education +*

*\_\_\_\_\_ MUS 310\* Teaching General Music in*

*Elementary Schools*

**Theatre**

\_\_\_\_\_ THEA 130 Introduction to Theatre

\_\_\_\_\_ THEA 255 Creative Drama

\_\_\_\_\_ THEA 265 Theatre for Young Audiences Tour

*\*If chosen, students must take MUS 210 and MUS 310 together for a total of 3 credits*

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**Elementary Education**

**Academic Tracks for**

**Elementary Teachers**

**\*\*\*Students must select an academic track**

**and successfully complete 12 credit hours**

**within the chosen track.**

**Elementary Education Advisors:**

**970.351.2908**

**Jaime Donahue**

**E-mail:** [**Jaime.Donahue@unco.edu**](mailto:Jaime.Donahue@unco.edu)