

ELEMENTARY EDUCATION - BACHELOR OF ARTS (BA)

Responding to increasing diversity and inequality in public schools, the BA in Elementary Education, with the endorsement in Culturally and Linguistically Diverse Education, is designed to dramatically change schooling for the underserved students of Colorado and the nation. The program aims to prepare reflective, ethical, anti-racist and inclusive elementary (K-6) teachers who are committed to making the world more equitable and just, through their work in public schools.

The program requires that students take a range of education courses, including those focused on the roles of schooling in the broader society and on theories of learning as they relate to historically underserved students and communities. The program also requires numerous "methods" courses, which engage students in the practices and skills needed for teaching all subject areas in self-contained classrooms, and for teaching students with a range of identities and abilities, who represent diverse cultural, linguistic, ethnic, racial, economic and religious communities. In order to be recommended for teacher licensure, students must additionally complete extensive fieldwork in public elementary classrooms serving diverse learners.

The BA in Elementary Education's guiding principles that students will work on across their courses and field experience include learning how to engage in humanizing pedagogies; becoming critically conscious educators; developing a holistic understanding of bilingualism and a dynamic understanding of culture; designing curriculum and instruction, and enacting teaching practices, grounded in research centered on learning and learners; and viewing themselves as agents of change, who advocate on behalf of minoritized students, including bilingual learners.

To learn more, contact the Education advisors at 303-492-6555 or edadvise@colorado.edu. To apply, visit the CU Boulder Admissions (<http://www.colorado.edu/admissions/>) website.

Requirements

A total of 120 credit hours required. Students must complete all EDUC coursework in the final two years with a grade of B- or better. All other requirements must be completed with a grade of C- or better.

Please note that course EDUC 3013 fulfills several requirement areas: Elementary Licensure Requirement, Social Science Distribution and U.S. Diversity.

Required Courses and Credits

Core Requirements

Code	Title	Credit Hours
Elementary Major Requirements		
EDUC 2015	Elementary Mathematics and Science Teaching for Social Justice	1
EDUC 2050	Step Up to Social Justice Teaching	1
Elementary Licensure Requirements		
EDUC 2311	Children's Literature and Literacy Engagement in Elementary Schools	3
EDUC 2411	Educational Psychology for Elementary Schools	4
EDUC 3013	School and Society	3

EDUC 3320	Literacy in the Elementary Classroom 1 ¹	3
EDUC 3321	Literacy in the Elementary Classroom 2 ¹	3
EDUC 3350	Dis/Ability in Contemporary Classrooms ¹	3
EDUC 4205	Elementary School Mathematics Theory and Methods ¹	3
EDUC 4215	Elementary Science Theory and Methods ¹	3
EDUC 4331	Elementary Social Studies Methods ¹	3
EDUC 4340	Advanced Issues of Assessment, Teaching, and Learning in Reading, Mathematics, and Science ¹	3
EDUC 4710	Elementary Student Teaching for Cultural and Linguistic Diversity 1 ¹	3
EDUC 4715	Elementary Student Teaching Seminar Part 1 ¹	3
EDUC 4720	Elementary Student Teaching for Cultural and Linguistic Diversity 2 ¹	9
EDUC 4725	Elementary Student Teaching Seminar Part 2 ¹	3

Culturally & Linguistically Diverse (CLD) Education Endorsement Requirements

EDUC 2425	Foundations of Bilingual/Multicultural Education	3
EDUC 2615	Foundations of Language Acquisition for Bilingual Learners	3
EDUC 4035	Family and Community Engagement ¹	3
EDUC 4435	Culturally Sustaining Pedagogies for Bilingual Learners ¹	3
EDUC 4455	Methods of Biliteracy Instruction ¹	3
EDUC 4535	Assessment for Bilingual Learners ¹	3
EDUC 4595	Practicum for Bilingual/Multicultural and ELD Education ¹	3

Total Credit Hours 72

¹ Must be completed with a grade of B- or better.

Elementary Education Content Area Requirements Distributions

Code	Title	Credit Hours
Arts & Humanities Distribution		
<i>U.S. History</i>		3
BAKR 1500	Colorado: History, Ecology, and Environment	
CAMW 2001	The American West	
ECON 4524	Economic History of the United States	
ECON 4697	Industrial Organization and Regulation	
EDUC 2125	History of American Public Education	
ENGL 2115	American Frontiers	
ETHN 2004	Themes in American Culture 1	
ETHN 2013	Critical Issues in Native North America	
ETHN 2014	Themes in American Culture 2	
ETHN 2432	African American History	
ETHN 2536	Survey of Chicana/o History and Culture	

ETHN 3015	Asian Pacific American Communities
ETHN 4504	Ethnic-American Autobiography
HIST 1015	American History to 1865
HIST 1025	American History since 1865
HIST 2015	Themes in Early American History
HIST 2126	Issues in Modern U.S. Politics and Foreign Relations
HIST 2166	The Vietnam Wars
HIST 2516	America Through Baseball
HUMN 2145	African America in the Arts
ITAL 4350	From Wops to Dons to Movers and Shakers: The Italian-American Experience
PSCI 3011	The American Presidency and the Executive Branch
PSCI 3054	American Political Thought
PSCI 3061	State Government and Politics
RUSS 4301	American-Russian Cultural Relations
SOCY 1021	United States Race and Ethnic Relations I
<i>World History</i> 3	
ANTH 1180	Maritime People: Fishers and Seafarers
ANTH 1190	Origins of Ancient Civilizations
ANTH 2200	The Archaeology of Human History
ANTH/CLAS 3009	Modern Issues, Ancient Times
ARAB 3230	Islamic Culture and the Iberian Peninsula
ARTH/CLAS 1509	Trash and Treasure, Temples and Tombs: Art and Archaeology of the Ancient World
ARTH/CLAS 3019	Pompeii and the Cities of Vesuvius
CLAS/HIST 1051	The World of the Ancient Greeks
CLAS/HIST 1061	The Rise and Fall of Ancient Rome
CLAS 1140	Bread and Circuses: Society and Culture in the Roman World
ECON 4514	Economic History of Europe
ENGL 3164	History and Literature of Georgian Britain
ENGL 4113	Medieval Worlds
GRMN 2301	Inside Nazi Germany: Politics, Culture, and Everyday Life in the Third Reich
Gen Ed Arts & Humanities Distribution (2 courses) ¹ 6	
Natural Science Distribution	
<i>Biological Science</i> 3	
ANTH 2010	Introduction to Biological Anthropology 1
ANTH 3000	Primate Behavior
ANTH 3010	The Human Animal
EBIO 1100	Biology and Society
EBIO 1210	General Biology 1
EBIO 1220	General Biology 2
IPHY 2420	Introduction to Nutrition
MCDB 1030	Introduction to Molecular Biology
MCDB 1041	Fundamentals of Human Genetics
MCDB 1150	Introduction to Cellular and Molecular Biology
MCDB 3150	Biology of the Cancer Cell
SLHS 2010	Science of Human Communication

<i>Physical Science</i> 3	
ASTR 1000	The Solar System
ASTR 1010	Introductory Astronomy: The Solar System w/Lab
ASTR 1030	Accelerated Introductory Astronomy 1
ASTR 1200	Stars and Galaxies
ASTR 2000	Ancient Astronomies of the World
ASTR 2010	Modern Cosmology-Origin and Structure of the Universe
ASTR 2020	Space Astronomy and Exploration
ASTR 2030	Black Holes
ASTR/GEOL 2040	The Search for Life in the Universe
CHEM 1011	Environmental Chemistry 1
CHEM 1021	Introductory Chemistry
CHEM 1113	General Chemistry 1
CHEM 1400	Foundations of Chemistry
EDUC 1580	Energy and Interactions
ENVS/PHYS 3070	Energy and the Environment
GEOG 1001	Our Changing Planet: Climate & Vegetation
GEOL 1010	Exploring Earth
GEOL 2100	Environmental Geology
GEOL 3040	Global Change: The Recent Geological Record
GEOL 3720	Evolution of Life: The Geological Record
GEOL 3950	Natural Catastrophes and Geologic Hazards
PHYS 1010	Physics of Everyday Life 1
PHYS 1110	General Physics 1
PHYS 1230	Light and Color for Nonscientists
PHYS 1240	Sound and Music
PHYS 2010	General Physics 1
PSYC 2012	Biological Psychology
<i>Science Lab</i> ² 1	
ANTH 2030	Laboratory in Biological Anthropology 1
ATOC 1070	Weather and the Atmosphere Laboratory
EBIO 1110	Biology and Society Laboratory
CHEM 1114	Laboratory in General Chemistry 1
CHEM 1401	Foundations of Chemistry Lab
EBIO 1230	General Biology Laboratory 1
GEOL 1030	Introduction to Geology Laboratory 1
MCDB 1043	Exploring Genetics Laboratory
PHYS 1140	Experimental Physics 1
Social Science Distribution	
EDUC 3013	School and Society 3
<i>U.S. Government</i> 3	
PSCI 1101	Introduction to American Politics
<i>Cultural Geography</i> 3	
GEOG 1962	Geographies of Global Change
GEOG 1972	Sustainable Futures, Environment and Society
GEOG 1982	Global Geographies: Societies, Places, Connections

GEOG 1992	Human Geographies	
GEOG 2092	Advanced Introduction to Human Geography	
GEOG 2852	Contemporary Southeast Asia: Environmental Politics	
GEOG 3022	Climate Politics and Policy	
GEOG 3402	Natural Hazards	
GEOG 3412	Conservation Practice and Resource Management	
GEOG 3612	Geography of American Cities	
GEOG 3622	Cities of the Global South	
GEOG 3672	Who Runs the World? Sex, Power, and Gender in Geography	
Gen Ed Social Sciences Distribution (1 course) ¹		3
Total Credit Hours		31

¹ For a complete explanation of the Gen Ed requirements, please see the College of Arts & Sciences General Education requirements (<https://catalog.colorado.edu/undergraduate/colleges-schools/arts-sciences/policies-requirements/#newitemtext>).

² Each science lab course has either a prerequisite or corequisite lecture.

Skills

Code	Title	Credit Hours
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Diversity Requirement

U.S. Diversity

EDUC 3013 School and Society

Global Diversity

0-3

Gen Ed Diversity - Global Perspective (1 course) ¹

Mathematics Requirement

The mathematics requirement is fulfilled by either an approved calculus course or two approved mathematics courses. 4-6

Calculus course option:

MATH 1300 Calculus 1
or MATH 1310 Calculus for Life Sciences
or APPM 1350 Calculus 1 for Engineers

Approved mathematics courses option:

MATH 1110 Mathematics for Elementary Educators 1
MATH 1120 Mathematics for Elementary Educators 2
or MATH 1011 College Algebra
or MATH 1012 Quantitative Reasoning and Mathematical Skills
or MATH 1071 Finite Mathematics for Social Science and Business
or MATH 1081 Calculus for Social Science and Business
or MATH 1150 Precalculus Mathematics
or MATH 1212 Data and Models
or APPM 1235 Pre-Calculus for Engineers
or APPM 1340 Calculus 1 with Algebra, Part A
or APPM 1345 Calculus 1 with Algebra, Part B

Written Communication

The written communication requirement is fulfilled by taking an approved lower-division course and an approved upper-division course.

<i>Lower-division</i>		3
ARSC 1080	College Writing and Research	
ARSC 1150	Writing in Arts and Sciences	
CLAS 1020	Argument from Evidence: Critical Writing about the Ancient World	
ENGL 1001	Writing, Reading, Culture	
ENVS 1150	First-Year Writing in Energy, Environment and Sustainability	
IPHY 1950	Introduction to Scientific Writing in Integrative Physiology	
PHIL 1500	Reading, Writing and Reasoning	
WRTG 1100	Extended First-Year Writing and Rhetoric	
WRTG 1150	First-Year Writing and Rhetoric	
WRTG 1250	Advanced First-Year Writing and Rhetoric	
<i>Upper-division</i>		3
ARSC 3100	Multicultural Perspective and Academic Discourse	
CHIN 3200	Adv Wrtg Topics on Chinese & Japanese Literature and Civilization	
EBIO 3940	Written Communication in the Sciences	
ENVS 3020	Advanced Writing in Environmental Studies	
GEOL 3090	Developing Scientific Writing Skills	
HIST 3020	Historical Thinking & Writing	
HONR 3220	Advanced Honors Writing Workshop	
IPHY 3700	Scientific Writing in Integrative Physiology	
ITAL 3025	Advanced Composition 2: Introduction to Literary Writing	
JPNS 3200	Adv Wrtg Topics on Chinese & Japanese Literature and Civilization	
PHIL 3480	Critical Thinking/Writing in Philosophy	
PHYS 3050	Writing in Physics: Problem-Solving and Rhetoric	
RLST 3020	Advanced Writing in Religious Studies	
SPAN 3010	Advanced Rhetoric and Composition	
WGST 3800	Advanced Writing in Feminist Studies	
WRTG 3007	Writing in the Visual Arts	
WRTG 3020	Topics in Writing	
WRTG 3030	Writing on Science and Society	
WRTG 3035	Technical Communication and Design	
WRTG 3040	Writing on Business and Society	
Total Credit Hours		10-15

¹ For a complete explanation of the Gen Ed requirements, please see the College of Arts & Sciences General Education requirements (<https://catalog.colorado.edu/undergraduate/colleges-schools/arts-sciences/policies-requirements/#newitemtext>).

Required Tests and Assessments

Students must pass all state-approved licensure exams: Praxis Teaching Reading: Elementary (test code 5205) and Praxis Elementary Education: Three Subject Bundle (test code 5901), prior to student teaching. To pass the Elementary Education: Three Subject Bundle test, students must receive a passing score on each subtest.

Elementary Education Content Requirements

Overview

Elementary Education students must take all Elementary Content coursework for a letter grade, and receive a passing grade of C- or higher, or or receive placement credit (as determined, for example, by scores on AP or IB exams) for an approved 3-credit course at CU Boulder.

Elementary Content Area Requirements

Elementary Education students must demonstrate, through coursework or CU Boulder placement credit, the competencies specified below:

- American Government (3 credit hours)
- Cultural Geography (3 credit hours)
- Literature & Arts (3 credit hours)
- Mathematics (4-6 credit hours: 4-5 credit hours of an approved calculus course or 6 credit hours from two approved mathematics courses)
- Natural Science (7 credit hours: 3 credit hours of an approved biological science, 3 credit hours of an approved physical science, and 1 credit hour of an associated lab)
- U.S. History (3 credit hours)
- World History (3 credit hours)
- Written Communication (6 credit hours: 3 lower- and 3 upper-division credit hours)

General Education Requirements

The School of Education General Education (Gen Ed) curriculum consists of 40 credits in three basic categories of requirements: Skills, Distribution and Diversity. Most of the Gen Ed requirements will be fulfilled by Elementary major or content area requirements, with the exception of the Global Perspective Diversity requirement. Courses taken to fulfill Literature & Arts or World History for the Elementary Content Area requirements *may* also fulfill the Global Perspective Diversity requirement. Courses taken to fulfill the Skills requirements may not also count towards the Distribution requirements. Please contact the School of Education for details.

- Skills requirement: 9 credits (6 Written Communication, 3 Quantitative Reasoning and Mathematical Skills, plus a third-level proficiency in a World/Foreign Language)
- Distribution requirement: 31 credits (12 Arts & Humanities, 12 Social Sciences, 7 Natural Sciences and Natural Sciences lab)
- Diversity requirement: 0–3 credits

The world language graduation requirement for the School of Education's undergraduate BA programs is third-level proficiency in a single modern or classical language (other than English). Students may fulfill this requirement by:

- Successfully completing three years of high school in a single language, or
- Earning AP or IB credit for an appropriate third-semester college-level course that is part of a three-course sequence, or
- Passing, with a C- or better, an appropriate third-semester college-level course that is part of a three-course sequence, or
- Passing a CU Boulder approved language proficiency examination at third-level proficiency.

The World/Foreign Language area of the Skills requirement aligns with the School of Education's commitment to prepare graduates who are well equipped to serve the needs of all students and advocate for educational equity and justice in our increasingly diverse communities and schools.

For a complete explanation of the Gen Ed requirements, please see the College of Arts and Sciences' General Education requirements (<https://catalog.colorado.edu/undergraduate/colleges-schools/arts-sciences/policies-requirements/#newitemtext>) in the catalog.

Four-Year Plan of Study

Year One

Fall Semester		Credit Hours
EDUC 2050	Step Up to Social Justice Teaching	1
EDUC 3013	School and Society	3
Elementary Content Requirement		3
Elementary Content Requirement		3
Elementary Content Requirement		3
Social Science Distribution Requirement		3
Credit Hours		16

Spring Semester

EDUC 2015	Elementary Mathematics and Science Teaching for Social Justice	1
WRTG 1150	First-Year Writing and Rhetoric	3
Elementary Content Requirement		3
Elementary Content Requirement		3
Arts & Humanities Distribution Requirement		3
Elective		3
Credit Hours		16

Year Two

Fall Semester

EDUC 2311	Children's Literature and Literacy Engagement in Elementary Schools	3
EDUC 2425	Foundations of Bilingual/Multicultural Education	3
MATH 1110	Mathematics for Elementary Educators 1	3
Elementary Content Requirement		3
Elementary Content Requirement		3
Credit Hours		15

Spring Semester

EDUC 2411	Educational Psychology for Elementary Schools	4
EDUC 2615	Foundations of Language Acquisition for Bilingual Learners	3
MATH 1120	Mathematics for Elementary Educators 2	3
Elementary Content Requirement		3
Arts & Humanities Distribution Requirement		3
Credit Hours		16

Year Three

Fall Semester

EDUC 3350	Dis/Ability in Contemporary Classrooms	3
EDUC 3320	Literacy in the Elementary Classroom 1	3
EDUC 4535	Assessment for Bilingual Learners	3

EDUC 4595	Practicum for Bilingual/Multicultural and ELD Education	3
WRTG 3020	Topics in Writing	3
Credit Hours		15
Spring Semester		
EDUC 3321	Literacy in the Elementary Classroom 2	3
EDUC 4205	Elementary School Mathematics Theory and Methods	3
EDUC 4435	Culturally Sustaining Pedagogies for Bilingual Learners	3
EDUC 4455	Methods of Biliteracy Instruction	3
Credit Hours		12
Year Four		
Fall Semester		
EDUC 4035	Family and Community Engagement	3
EDUC 4215	Elementary Science Theory and Methods	3
EDUC 4331	Elementary Social Studies Methods	3
EDUC 4710	Elementary Student Teaching for Cultural and Linguistic Diversity 1	3
EDUC 4715	Elementary Student Teaching Seminar Part 1	3
Credit Hours		15
Spring Semester		
EDUC 4340	Advanced Issues of Assessment, Teaching, and Learning in Reading, Mathematics, and Science	3
EDUC 4720	Elementary Student Teaching for Cultural and Linguistic Diversity 2	9
EDUC 4725	Elementary Student Teaching Seminar Part 2	3
Credit Hours		15
Total Credit Hours		120

¹ Due to the intensive nature of student teaching, students may not take other coursework during this semester.

Learning Outcomes

In their development as critically conscious, CLD-endorsed elementary teachers, who value and center anti-racist, humanizing stances and practices, teacher candidates in the BA in Elementary Education program:

- Demonstrate pedagogical expertise in all subject areas, grounded in a critical understanding of how their content and instructional choices matter.
- Establish a safe and inclusive classroom community that reflects a dynamic understanding of culture.
- Plan and deliver effective, responsive instruction in all subject areas and create an environment that facilitates learning for all, including bilingual learners.
- Demonstrate professional integrity through ethical conduct, critical reflection, leadership and advocacy.