

LIBERAL STUDIES, BACHELOR OF SCIENCE

The Liberal Studies major, which leads to a B.S. degree, is intended to provide a strong liberal arts education for future elementary education teachers. Core requirements build upon students' experiences in General Education to provide both breadth and depth in the arts and humanities, English, math, sciences, and social sciences. Required courses provide support in each area of the Colorado *Content Standards*. Students are required to select an area of concentration or concentration for an additional 15 hours of study. Areas of concentration may be chosen from Art, English, Health, Language and Linguistics, Math, Modern World Languages, Music, Science, and Social Studies.

This degree is approved for students in Elementary Education. Students completing a major in Liberal Studies are required to complete a minor in education and meet all other requirements outlined by the Teacher Education Program.

Program Goals

At CSU Pueblo, teacher education is a campus wide responsibility, and overall program goals reflect components of both the Liberal Studies major and Education minor. It is the purpose of the Liberal Studies major to assure that students will develop breadth and depth of knowledge of the liberal arts, and it is the responsibility of the Education minor to assure students become proficient at transforming this knowledge into curriculum and instruction for young children.

Program Design

The program is planned as a coherent whole, with four components:

General Education

Specific General Education courses form the foundation of knowledge for all students with this major. These courses fulfill CSU Pueblo graduation requirements and are essential to meet many of the content standards for elementary teachers. Courses in the arts and humanities, English, math, history, sciences, and social sciences contribute to the General Education core.

Liberal Studies Core

Liberal Studies Core requirements build upon students' experiences in General Education to provide both breadth and depth to the program to meet program goals. concentration is placed on each area relative to K-6 content standards to assure depth of knowledge in the humanities, social sciences, math, and sciences.

Liberal Studies Area if concentration in a Specific Discipline

Students are required to select an area of concentration or concentration and, in consultation with an advisor, develop a plan for study for an additional 15 hours in Liberal Studies. The plan should include goals to be achieved by the concentration and the sequence of courses to achieve the goals. Areas of concentration may be chosen from Art, English, Health, Language and Linguistics, Math, Modern World Languages, Music, Reading, Science, Social Studies and Special Education. Elementary Education has special requirements for admission and retention. Please refer to the section in the catalog for this information.

Education Minor

All students must complete a minor in Education. The Education minor, which has been developed to coordinate with the major, requires completion of 40 credit hours. Please refer to *Teacher Education Program* section: *Specific Requirements for the Elementary Teaching Endorsement*. Education has special requirements for admission and retention. Please refer to *Teacher Education Program* section: *Selective Entry and Retention in Teacher Education Admission*.

Expected Student Learning Outcomes

It is the joint responsibility of both the major and minor to prepare future teachers to evaluate information critically, to study and research independently, and to communicate knowledge effectively. The following four program goals have been established for the Liberal Studies Degree. Goal 1 is largely the responsibility of the Liberal Studies major and Goal 4 the responsibility of the Elementary Education minor; benchmarks for Goals 2 and 3 have been designed across the entire degree program.

1. Acquisition of Knowledge. Graduates are broadly educated in the liberal arts and sciences:
 - Understanding the significant ideas, concepts, structures and values within disciplines, including theoretical, ethical, and practical implications.
 - Mastering content knowledge in all areas taught in elementary schools: the arts, math literature and language, social sciences, sciences, and human development and learning.
 - Balancing a breadth of knowledge in the liberal arts and sciences with depth of knowledge within a discipline.
2. Construction of Knowledge. Graduates demonstrate habits of thinking, including analytical skills, independent thinking, reasoned judgment, mature values, and imagination:
 - Utilizing the tools of inquiry of the humanities, arts, mathematics, and behavioral, social, and natural sciences to understand and evaluate ideas.
 - Developing habits of critical intellectual inquiry, including self-direction and self-reflection.
 - Making connections from different intellectual perspectives and multiple viewpoints to form cross-disciplinary connections.
 - Utilizing research skills of the liberal arts and sciences, including library and data retrieval skills, to study and evaluate information.
3. Communication of Knowledge. Graduates communicate effectively:
 - Writing clearly in a variety of academic and practical formats.
 - Speaking effectively in a variety of settings.
 - Utilizing technology as a tool to inform and communicate.
4. Application of Knowledge. Graduates create standards-based learning experiences that make knowledge accessible, exciting, and meaningful for all students:
 - Using multiple representations and explanations of disciplinary concepts that capture key ideas and link them to students' prior understandings.
 - Using different viewpoints, theories, "ways of knowing," and methods of inquiry in teaching of subject matter content.

- Evaluating curriculum for their comprehensiveness, accuracy, and usefulness for representing particular ideas and concepts.
- Engaging students in generating knowledge and testing hypotheses according to the methods of inquiry and standards of evidence used in the discipline
- Developing and using curricula that encourage students to see and interpret ideas from diverse perspectives.
- Creating interdisciplinary learning experiences that allow inquiry from several subject areas.

Outcomes Assessment Activities

The knowledge and skills of students in the Liberal Studies major are assessed at three points in their program: admission to education, admission to student teaching, and during the student teaching semester (program completion). Assessment activities include the faculty's review of:

1. Performance documented in students' eportfolios;
2. Scores on standardized tests of general education and content knowledge;
3. Ratings of proficiency on program standards by K-12 classroom teachers, University faculty, and student teacher supervisors based on direct observation of teaching;
4. Self-evaluations/ ratings of proficiency on program standards by program completers and graduates one year after teaching; and
5. Ratings of proficiency by K-12 supervisors after graduates have taught for one year.

Standardized tests completed by students in Liberal Studies include the Educational Testing Service's (ETS) *Proficiency Profile* and the *Praxis II Elementary Content Knowledge Test* (produced by ETS).

Program Assessment

Assessment will be ongoing, with evaluations at three check points (admission to education, admission to student teaching, and program completion), as well as follow-up assessments at the end of one year after program completion. Student outcomes will be evaluated through,

1. Formal assessments at the sophomore (e.g., Proficiency Profile) and senior level (PRAXIS Elementary Education Content Exam),
2. Faculty recommendations of student progress,
3. Portfolio assessment, and
4. Assessment of the application of knowledge in students' field experiences and student teaching.

The contents of the electronic portfolio required of all students will include representative work from courses, as well as student-directed evaluations of progress.

Specific Program Requirements

Requirements for admission and retention in teacher education are included in the description of the *Teacher Education Program* in this catalog and in the [Teacher Education Handbook](#).

Students must receive a grade of C or greater in all courses listed as requirements; a minimum cumulative GPA of 2.500 in courses completed in the major at CSU Pueblo Pueblo is required for admission to student teaching.

Course	Title	Credits
General Education Requirements		
General Education Skill Requirements:		
ENG 101	Rhetoric & Writing I (GT-CO1)	3
ENG 102	Rhetoric & Writing II (GT-CO2)	3
Select one of the following:		3-5
MATH 101	Introductory College Mathematics (GT-MA1)	3.0
MATH 109	Mathematical Explorations (GT-MA1)	3
MATH 156	Introduction to Statistics (GT-MA1)	3
MATH 120	College Algebra (GT-MA1)	3.0
MATH 126	Calculus & Analytic Geometry I (GT-MA1)	5
General Education Knowledge Requirements:		
BIOL 100	Principles of Biology (GT-SC2)	3
BIOL 100L	Principles of Biology Lab (GT-SC1)	1
CID 103	Speaking & Listening	3
ENG 130	Introduction to Literature (GT-AH2)	3
GEOG 103	World Regional Geography (GT-SS2)	3
GEOL 101	Earth Science (GT-SC2)	3
GEOL 101L	Earth Science Lab (GT-SC1)	1
PSYC 151	Human Development (GT-SS3)	3.0
ART 100	Visual Dynamics (GT-AH1)	3
or MUS 118	Music Appreciation (GT-AH1)	
HIST 110	World History to 1500 (GT-HI1)	3
or HIST 111	World History since 1500 (GT-HI1)	
Liberal Studies Core Requirements		
ENGLISH:		
ED 351	Children's Literature	3
ENG 303	Advanced Rhetoric & Writing	3
HISTORY:		
HIST 201	U.S. History I (GT-HI1)	3
or HIST 202	U.S. History II (GT-HI1)	
FINE ARTS:		
ART 100	Visual Dynamics (GT-AH1) (select the course not completed for General Education)	3
or MUS 118	Music Appreciation (GT-AH1)	
MATH:		
MATH 360	Elementary Mathematics Concepts I	3
MATH 361	Elementary Mathematics Concepts II	3
MATH 362	Problem Solving for K-6 Teachers	3
MULTICULTURAL STUDIES:		
CS 420	Voices of Protest (Other approved multicultural courses may be added)	3
READING:		
RDG 355	Linguistics for Educators	3
SCIENCE:		
PHYS/CHEM 150	Elementary Concepts in Phys & Chem	4
SOCIAL SCIENCE:		
POLS 101	American National Politics (GT-SS1)	3.0
Required Emphasis in Discipline Area		
Select one emphasis from the list below.		15
Elementary Education Requirements		

Elementary Education credits listed below. 40

Total Credits 124-126

Students are not allowed to count the same courses completed for general education requirements as course requirements in the Liberal Studies major, including those in emphasis areas.

Required Emphasis in Discipline Area

Students are required to select one of the following emphasis areas of 15 hours. All students should meet with an advisor and develop the goals to be achieved by completion of the emphasis and the sequence of courses to achieve the goals. Many options may lead to an added teaching endorsement.

Art

Course	Title	Credits
ARH 211	Global Art I (GT-AH1)	3
ARH 212	Global Art II (GT-AH1)	3
Studio Art Course		3
Art courses numbered 300 or above		6
Total Credits		15

Early Childhood Education

Course	Title	Credits
Select 15 credits from the following:		15
ECE 101	Introduction to Early Childhood Ed	3
ECE 102	Intro to ECE Lab Techniques	3
ECE 103	Guidance Strat for Young Children	3
ECE 111	Infant & Toddler Theory & Practice	3
ECE 205	Nutrition, Health and Safety	3
ECE 241	Admin: Human Relations for ECE	3
ECE 355	Play & Creative Expression in ECE	3
ECE 420	Involving Diverse Families in ECE	3
ECE 425	Intro to EC Spec Ed	3
ECE 430	Teaching Young CLD Children	3
ECE 440	Effective Instr in Early Literacy	3
ECE 460	Managing ECE Classrooms	2
ECE 461	Teaching ECE Social Studies	2
ECE 462	Teaching ECE Reading	3
ECE 463	Teaching ECE Math	2
ECE 464	Teaching ECE Science	2
Total Credits		15

English

Course	Title	Credits
Select 15 hours, 6 hours of which must be in courses numbered 300 or above		15
Total Credits		15

Health

Course	Title	Credits
EPER 162	Personal Health	3.0
EPER 162L	Personal Health Lab	1.0
EPER 201	Drugs and Healthy Lifestyles	3.0
AT 232	First Aid	2
BIOL 112	Nutrition	3

Select one of the following:		3
HS 330	Epidemiology and Disease Prevention	3
HS 336	Community and Global Health	3
HS 430	Public Health Program Planning	3

Total Credits 15

Language & Linguistics

Course	Title	Credits
CID 260	Language Acquisition & Linguistics	3
ENG 352	English Syntax and Usage	3
CLDE 401	Teaching English Language Learners	3
Electives in Language/Linguistics		6

Total Credits 15

Math

Course	Title	Credits
MATH 120	College Algebra (GT-MA1)	3.0
MATH 126	Calculus & Analytic Geometry I (GT-MA1)	5
MATH 156	Introduction to Statistics (GT-MA1)	3
Approved Electives in Math		4

Total Credits 15

Modern World Language

All students will be required to complete a Placement Test to determine the level at which they will begin a language. Fifteen hours in the language will be planned with a language faculty advisor.

French

Course	Title	Credits
Select 15 credits in FRN courses		15
Total Credits		15

Italian

Course	Title	Credits
Select 15 credits in ITL courses		15
Total Credits		15

Spanish

Course	Title	Credits
Select 15 credits in SPN courses		15
Total Credits		15

Music

Course	Title	Credits
MUS 150	Music Theory I	3
MUS 210	Music Theory II	3
MUS 118	Music Appreciation (GT-AH1) (if taken as core course, 3 elective hours may be taken)	3
MUS 127	Functional Piano I: Beginning	1
MUS xxx	Applied Music: 3 semesters at 1 credit each - 3 (1+1+1)	3
VARIES	Music Ensemble: 4 ensembles at .5 credits each - 2 (.5 x 4)	2
MUS 101	Music Performance Symposium I (take two semesters)	0

Total Credits 15

Reading

Course	Title	Credits
Select 15 credits from the following:		
CLDE 420	Literacy for Eng Lang Learners	3
ED 429	Literacy & Technology	3
ENG 412	Young Adult Literature	3
RDG 360	Practicum	1-3
RDG 435	Disciplinary Literacy	4
RDG 450	Reading Assessment & Intervention	3
RDG 491	Special Topics	1-2
Total Credits		15

Science

Course	Title	Credits
Select One Biology, One Chemistry, and One Physics Course and Labs; examples include:		
BIOL 121 & 121L	Environmental Conservation (GT-SC2) and Environmental Conservation Lab (GT-SC1)	4
BIOL 181 & 181L	College Biology I/Organismal Bio (GT-SC2) and College Biology I/Organismal Bio Lab (GT-SC1)	4
BIOL 206 & 206L	Introduction to Microbiology and Introduction to Microbiology Lab	4
CHEM 101 & 101L	Chemistry and Society (GT-SC2) and Chemistry and Society Lab (GT-SC1)	4
CHEM 111 & 111L	Principles of Chemistry (GT-SC2) and Principles of Chemistry Lab (GT-SC1)	4
CHEM 121 & 121L	General Chemistry I (GT-SC2) and General Chemistry Lab I (GT-SC1)	5
PHYS 110 & 110L	Astronomy (GT-SC2) and Astronomy Lab (GT-SC1)	4
PHYS 140 & 140L	Light, Energy, & the Atom (GT-SC2) and Light, Energy and the Atom Lab (GT-SC1)	4
PHYS 201 & 201L	Principles of Physics I (GT-SC2) and Principles of Physics Lab I (GT-SC1)	4
PHYS 221 & 221L	General Physics I and General Physics I Lab	5
GEOL 114 or PHYS 110	Oceanography or Astronomy (GT-SC2)	3
Total Credits		15

Social Studies

Course	Title	Credits
HIST 201	U.S. History I (GT-HI1) (whichever class not completed in core)	3
or HIST 202	U.S. History II (GT-HI1)	
ECON 201	Principles of Macroeconomics (GT-SS1)	3
GEOG 101	Physical Geography	3.00
Select 6 hours of upper division courses in History, Chicano Studies, or Political Science		
Total Credits		15

Special Education

Course	Title	Credits
Select 15 hours from the following:		
ED 406	Behavioral Support	3
ED 407	Levels of Support I	3

ED 408	Levels Of Support II	3
ED 409	Levels Of Support III	3
ED 410	Collaboration in Education	3
ED 431	Diverse Learners & Technology ¹	3
ED 445	Assessment & Data Driven Instruction	3
RDG 450	Reading Assessment & Intervention	3
Total Credits		15

¹ This course counts toward the emphasis, but is not part of the required 24 credit hours for the Special Education Generalist added endorsement.

Elementary Education Requirements

Specific Requirements for Elementary Teaching

CSU Pueblo requires the student interested in Elementary Education to complete a Liberal Studies major in addition to the courses listed below, which constitute a minor in Education.

Course	Title	Credits
ED 202	Foundations of Education	3
ED 280	Educational Media and Technology	3
ED 301	Frameworks of Teaching (Admission to Education is completed in this course)	4
ED 380	Integrated Methods in Elementary ¹	3
RDG 410	Teaching Reading ¹	3
RDG 411	Teaching Elementary Writing ¹	2
ED 412	Teaching Diverse Learners ¹	3
ED 413	Teaching Elementary Social Studies ¹	2
ED 414	Teaching Elementary Science & Health ¹	2
ED 417	Teaching Mathematics in Elementary School ¹	2
ED 485	Capstone Seminar in Education ²	1
ED 487	Student Teaching Elementary ²	12
Total Credits		40

¹ Admission to the School of Education required (e.g. cumulative GPA of 2.600, good standing, etc.)

² Approved application to student teaching required.

Planning Sheet

Disclaimer: The Planning Sheet is designed as a guide for student's planning their course selections. The information on this page provides only a suggested schedule. Actual course selections should be made with the advice and consent of an academic advisor. While accurately portraying the information contained in the college catalog, this form is not considered a legal substitute for that document. Students should become familiar with the catalog in effect at the time in which they entered the institution.

Note: Students are not allowed to count the same courses completed for general education requirements as course requirements in the Liberal Studies major, including those in concentrations. In addition, student completing a major in Liberal Studies are required to complete a minor in

Education and meet all requirements outlined by the Teacher Education program.

Course	Title	Credits
Year 1		
Fall		
ART 100 or MUS 118	Visual Dynamics (GT-AH1) or Music Appreciation (GT-AH1)	3
CID 103	Speaking & Listening	3
ENG 101	Rhetoric & Writing I (GT-CO1)	3
HIST 201 or HIST 202	U.S. History I (GTHI1) or U.S. History II (GTHI1)	3
General Education	Must be one of the following: MATH 109, 121, 126, 156	3-5
Credits		15-17
Spring		
BIOL 100	Principles of Biology (GT-SC2)	3
BIOL 100L	Principles of Biology Lab (GT-SC1)	1
ED 202	Foundations of Education	3
ENG 102	Rhetoric & Writing II (GT-CO2)	3
GEOG 103	World Regional Geography (GT-SS2)	3
POLS 101	American National Politics (GT-SS1)	3
Credits		16
Year 2		
Fall		
ED 280	Educational Media and Technology	3
ENG 130	Introduction to Literature (GT-AH2)	3
GEOL 101	Earth Science (GT-SC2)	3
GEOL 101L	Earth Science Lab (GT-SC1)	1
MATH 360	Elementary Mathematics Concepts I	3
PSYC 151	Human Development (GT-SS3)	3
Credits		16
Spring		
ED 301	Frameworks of Teaching	4
ED 351	Children's Literature	3
MATH 361	Elementary Mathematics Concepts II	3
PHYS 150 or CHEM 150	Elementary Concepts in Phys & Chem or Elementary Concepts in Phys & Chem	4
RDG 355	Linguistics for Educators	3
Credits		17
Year 3		
Fall		
ED 380	Integrated Methods in Elementary	3
HIST 110 or HIST 111	World History to 1500 (GT-HI1) or World History since 1500 (GT-HI1)	3
MATH 362	Problem Solving for K-6 Teachers	3
RDG 410	Teaching Reading	3
Elective	Must be Concentration course.	3
Credits		15
Spring		
ED 413	Teaching Elementary Social Studies	2
ED 414	Teaching Elementary Science & Health	2
ENG 303	Advanced Rhetoric & Writing	3
RDG 411	Teaching Elementary Writing	2
Elective	Must be Concentration course.	6
Credits		15
Year 4		
Fall		
ART 100	Visual Dynamics (GT-AH1)	3
CS 420	Voices of Protest	3
ED 412	Teaching Diverse Learners	3
ED 417	Teaching Mathematics in Elementary School	2

Elective <small>Must be Concentration course.</small>		6
Credits		17
Spring		
ED 485	Capstone Seminar in Education	1
ED 487	Student Teaching Elementary	12
Credits		13
Total Credits		124-126