BS LIBERAL STUDIES

Program Learning Objectives
Upon graduating, Liberal Studies students will:

1. Demonstrate an understanding of the physical, social and cognitive development of children.
2. Develop a strong understanding of the conceptual foundation of each of the following subjects as well as how knowledge is created and organized: Reading, Language and Literacy, History and Social Science, Mathematics, Science, Visual and Performing Arts, and Physical Education and Health.
3. Develop knowledge of best teaching and learning practices specific to each discipline with a focus of metacognition.
4. Demonstrate effective oral, written and interpersonal communication skills in a variety of contexts including the use of appropriate technology.
5. Demonstrate the ability to integrate the content of one discipline into another through the development of projects across subject matter areas.
6. Synthesize and integrate information that promotes personal and professional growth in the field of education.
7. Demonstrate ability to engage in change, tolerance and inclusion, advance principles of social justice, equity and ethical practice.

Degree Requirements and Curriculum
In addition to the program requirements listed on this page, students must also satisfy requirements outlined in more detail in the Minimum Requirements for Graduation (http://catalog.calpoly.edu/generalrequirementsbachelorsdegree/#generaleducationtext) section of this catalog, including:

- 60 units of upper division courses
- Graduation Writing Requirement (GWR)
- 2.0 GPA
- U.S. Cultural Pluralism (USCP)

Note: Up to 4 units of credit/no credit grading may be selected for courses in major, support, or concentration.

MAJOR COURSES
LS 201 Orientation to Liberal Studies 1
LS 211 Visual Arts in the Elementary Classroom 4
LS 214 Constitutional Issues in the History of U.S. and California Education 4
LS 230 Field Experience in the Elementary Classroom I 2
LS 250 Field Experience in the Elementary Classroom II 2
LS/ENGL 260 Children's Literature 4
LS 301 Liberal Studies Career Preparation 1
LS 310 Storytelling: Modern Applications of Traditional Narrative 4
LS 370 Performing Arts in the Elementary Classroom 4
LS 410 Subject Matter Seminar 4
or LS 411 Advanced History/Social Sciences Integration for the K-8 Classroom
or LS 412 Advanced Arts Integration for the K-8 Classroom
LS 461 Senior Project Seminar 4
or LS 462 Senior Project Research
ASTR 101 Introduction to the Solar System (B3) 1

BIO 111 General Biology (B2&B4) 4
BIO 211 Biology of Plants and Animals 4
ENGL 391 Topics in Applied Linguistics 4
GEOG 308 Global Geography (D5) 1
HIST 208 Survey of California History (USCP) 4
HIST 210 World History I (D3) 1, 2
KINE 310 Concepts and Applications in Elementary Physical Education 4
KINE 443 Health Education for Teachers 4
MATH 227 Mathematics for Elementary Teaching I (B1) 1
MATH 328 Mathematics for Elementary Teaching II 4
MATH 329 Mathematics for Elementary Teaching III 4
MATH 330 Algebraic Thinking with Technology 4
PHIL 230 Philosophical Classics: Knowledge and Reality (C2) 4
or PHIL 231 Philosophical Classics: Ethics and Political Philosophy
PSC 101 Matter and Energy (B3&B4) 4
or PSC 231 Matter and Energy 4
PSC 102 Atoms and Molecules 4
PSC 103 The Physical Environment: Earth 4
PSY 201 General Psychology (D4) 4
or PSY 202 General Psychology 4
STAT 130 Statistical Reasoning (B1) 4
or STAT 217 Introduction to Statistical Concepts and Methods 4

Concentration or individualized course of study 18-22

SUPPORT COURSES
CD/EDUC 207 Children's Learning and Development in Educational Settings 4
EDUC 427 Theories, Methods, and Assessment of First and Second Language Acquisition in Schools 4
EDUC 428 Foundations of K-8 Literacy Teaching and Learning in Schools with Diverse Populations 4

GENERAL EDUCATION
(See GE program requirements below.) 28-36

FREE ELECTIVES
Free Electives 1-9
Total units 180

1 Required in Major; also satisfies GE.
2 Students in the History/Social Sciences concentration, may substitute with HIST 221.
Prerequisite for Multiple Subject Credential program at Cal Poly. For a credential program elsewhere, check the prerequisites for that institution.

If GE courses are used to satisfy Concentration requirements, additional units of Free Electives may be required to meet the 180 total units requirement for degree.

Concentrations
Students may select one of the following concentrations or the individualized course of study.

- Biology
- Child Development
- English
- History/Social Sciences
- Mathematics
- Science
- Spanish
- Teaching English as a Second Language

Individualized Course of Study
With department chair approval, students may pursue a course of study which meets their individual needs and interests; this must be initiated early and all courses must be pre-approved. The individualized course of study consists of 18-20 units with at least one course at the 300-400 level. Courses are selected by the student in consultation with an advising faculty member. The list of courses is a contract between the student and the department.

General Education (GE) Requirements
- 72 units required, 32 of which are specified in Major and/or Support.
- See the complete GE course listing.
- Minimum of 12 units required at the 300 level.

Area A Communication
A1 Expository Writing 4
A2 Oral Communication 4
A3 Reasoning, Argumentation and Writing 4

Area B Science and Mathematics
B1 Mathematics/Statistics (8 units in Major) 1
B2 Life Science (4 units in Major) 1
B3 Physical Science (4 units in Major) 1
B4 One lab taken with either a B2 or B3 course
B5 Area B elective (select one course from B1-B5) (4 units in Major) 1

Area C Arts and Humanities
C1 Literature (may be in Concentration) 0-4
C2 Philosophy 0
C3 Fine/Performing Arts 4
C4 Upper-division elective (may be in Concentration) 0-4

Area D/E Society and the Individual
D1 The American Experience (Title 5, Section 40404 requirement) 4
D2 Political Economy 4
D3 Comparative Social Institutions (4 units in Major) 1
D4 Self Development (CSU Area E) (4 units in Major) 1

D5 Upper-division elective (4 units in Major) 1

Area F Technology
F Upper-division elective 4

Total units 28-36

1 Required in Major; also satisfies GE.

Courses Needed for Multiple Subject Credential

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<th>Course Title</th>
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<td>Learning to Teach K-8 Literacy in Schools with Diverse Populations</td>
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<td>Learning to Teach K-8 Social Studies with Diverse Populations</td>
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<td>Learning to Teach K-8 Mathematics with Diverse Populations</td>
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Total units 51