

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/Hist of U.S. & Calif Educ	4
LS 230	Field Experience in the Elementary Classroom I	2
LS 250	Field Experience in the Elementary Classroom II	2
LS/ENGL 255	Children's Literature in a Diverse Society (Lower-Division C Elective) ¹	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 411	Advanced History/Social Sciences Integration for the K-8 Classroom	4
or LS 412	Advanced Arts Integration for the K-8 Classroom	
or LS 413	Advanced Science/Engineering 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 (B1) ¹	4
BIO 111	General Biology (B2 & B3) ¹	4
BIO 211	Biology of Plants and Animals	4
ENGL 391	Topics in Applied Linguistics	4
GEOG 308	Global Geography (Upper-Division D) ¹	4
HIST 201	United States History to 1865 (D1) ¹	4
HIST 208	Survey of California History (USCP)	4
HIST 210	World History I (D2) ^{1, 2}	4
KINE 310	Concepts and Applications in Elementary Physical Education	3
HLTH/KINE 443	Health Education for Teachers	4
MATH 227	Mathematics for Elementary Teaching I (B4) ¹	4
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 & Reality (C2)	4
or PHIL 231	Philosophical Classics: Ethics & Political Phil	
PSC 101	Matter and Energy (GE Electives) ¹	4
PSC 102	Atoms and Molecules	4
PSC 103	The Physical Environment: Earth	4
PSY 201	General Psychology (E) ¹	4
or PSY 202	General Psychology	
STAT 130	Introduction to Statistical Reasoning ³	4
or STAT 217	Intro to Statistical Concepts and Methods	
Concentration, approved minor, or I.C.S.		18-22
Total Major Units		131-135

SUPPORT COURSES		
CD/EDUC 207	Children's Learning and Development in Educational Settings	4
EDUC 427	Theories, Methods, & Assessment of First & Second Language Acquisition in Schools ⁴	4
EDUC 428	Foundations of K-8 Literacy Teaching & Learning in Schools with Diverse Populations ⁴	4
Total Support Units		12

GENERAL EDUCATION		
Area A English Language Communication and Critical Thinking		
A1	Oral Communication	4
A2	Written Communication	4
A3	Critical Thinking	4
Area B Scientific Inquiry and Quantitative Reasoning		
B1	Physical Science (4 units in Major) ¹	0
B2	Life Science (4 units in Major) ¹	0
B3	One lab taken with either a B1 or B2 course	
B4	Math/Quantitative Reasoning (4 units in Major) ¹	0
Upper-Division B		4
Area C Arts and Humanities		
<i>Lower-division courses in Area C must come from three different</i>		
C1	Arts ⁶	4
C2	Humanities (4 units in Major) ¹	0
Lower-Div C Elect (4 units in Major) ¹		0
Upper-Division C		4
Area D Social Sciences		
<i>Select courses in Area D from at least two different prefixes</i>		
D1	American Institutions (Title 5, Section 40404 Req) (4 units in Major) ¹	0
D2	Lower-Division D (4 units in Major) ¹	0
Upper-Division D (4 units in Major) ¹		0
Area E Lifelong Learning and Self-Development		
Lower-Division E (4 units in Major) ¹		0
Area F Ethnic Studies		
Lower-Division F		4
GE Electives in Areas B, C, and D		
<i>Select from two different areas; may be lower- or upper-division crs.</i>		
GE Electives (4 units of Area B in major) ¹		0
GE Electives (C or D)		4
Total GE Units		32
FREE ELECTIVES ⁵		1-5
TOTAL DEGREE UNITS		180
FOOTNOTES		
¹ Required in Major or Support; also satisfies General Education (GE) requirement.		
² Students in the History/Social Sciences concentration, may substitute with HIST 221.		
³ Students considering a Child Development or Psychology minor should consider taking STAT 217.		
⁴ Prerequisite for Multiple Subject Credential program at Cal Poly. For a credential program elsewhere, check the prerequisites for that institution.		
⁵ If a General Education (GE) course is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.		
⁶ Recommended courses to satisfy GE Area C1: MU 101, DANC 221, or TH 210 for individuals planning to pursue a teaching credential.		

English Concentration		
ENGL 311	Advanced Rhetorical Inquiry and Composing or ENGL 312 Translingual Rhetorical Inquiry and Writing	4
ENGL 361	Reading Instruction for the Teaching of Young Adult Literature	5
ENGL 368 or ENGL 424	Theory & Practice of Peer-to-Peer Writing Instr. Teaching English in Secondary Schools	4-5
Select from the following:		8
British Literature		
ENGL 330	British Literature: Beginnings to 1485	
ENGL 331	British Literature: 1485-1660	
ENGL 332	British Literature: 1660-1798	
ENGL 333	British Literature: 1798-1832	
ENGL 334	British Literature: 1832-1914	
ENGL 335	British Literature: 1914-Present	
ENGL 339	Introduction to Shakespeare	
American Literature		
ENGL 340	American Literature: Beginnings-1865	
ENGL 341	American Literature: 1865-1914	
ENGL 342	American Literature: 1914-1956	
ENGL 343	American Literature: 1956-Present	
ENGL 345	Women Writers of the 20th & 21st Cent. (USCP)	
ENGL 346	Ethnic American Literature (USCP)	
ENGL 347	African American Literature (USCP)	
Modern English		
ENGL 350	The Modern Novel	
ENGL 351	Modern Poetry	
ENGL 352	Modern Drama	
Total Units		21-22

History/Social Sciences Concentration		
HIST 322	Modern America	4
Select from the following World History courses:		4
HIST 221	World History, Beginnings to 1000 ¹	
HIST 222	World History, 1000 - 1800	
HIST 223	World History, 1800 - Present	
Select from the following U.S. Government courses:		4
POLS 112	American and California Government	
POLS 315	The American Presidency	
POLS 319	United States Congress	
POLS 348	Early American Political Thought	
POLS 349	Contemporary American Political Thought	
Select from the following World Civilization or World Culture courses:		4
HIST 307	European Thought 1800-2000	
HIST 310	East Asian Culture and Civilization	
HIST 313	Modern Middle East	
HIST 316	Modern East Asia	
HIST 319	Modern South and Southeast Asia	
HIST 334	Modern Europe, 1789-1914	
HIST 335	Modern Europe, 1914-Present	
HIST 338	Modern Latin America	
HIST 341	Modern Central America	
Select from the following Social Systems courses:		4
ES 381	The Social Construction of Whiteness	
SOC 309	The World System and Its Problems	
SOC 315	Global Race and Ethnic Relations	
Total Units		20

¹ If course is taken to meet a Major or Support requirement, it may not be double-counted in the concentration.

Human Development Concentration		
Select from the following: ¹		20
Choose at least one course in each of the designated areas below. One course must be upper-division.		
Human Development and Growth ²		
CD 256	Developmental Psychology	
CD 304	Infant and Toddler Development	
CD 305	Early and Middle Childhood Development	
CD 306	Adolescence	
PSY 318	Psychology of Aging	
PSY 324	Psychology of Gender	
Applications to Education and Advocacy ³		
CD 350	Developmental Issues in Education	
CD 351	Learning in Out-of-School Time	
CD 356	Behavioral Disorders in Childhood	
CD 460	Child Abuse and Neglect	
PSY 320	Health Psychology	
PSY 325	Introduction to Positive Psychology	
PSY 350	Teamwork	
PSY 357	Cognition	
SPED 420	Understanding Special Education	
Social Context and Relationships		
CD 417	Interpersonal Relationships in Childhood & Adol.	
CD 424	Children's Development in Diverse Cultures	
PSY 254	Family Psychology	
PSY 305	Personality	
PSY 340	Biopsychology	
PSY 475	The Social Psychology of Prejudice	
Total Units		20

¹ Additional courses are required if pursuing a minor in Child Development or Psychology. If you plan to pursue a minor, meet with an advisor early.

² If pursuing a career in Early Childhood Education (ECE), students may transfer 16 units of ECE credit from a community college. These students must also take an upper-division course in the areas of "Human Development and Growth" or "Applications to Education and Advocacy."

³ If pursuing a career in Special Education, students must take SPED 420.

Individualized Course of Study
With department chair approval, students may select one of the minors listed below or 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. Minors that can be taken to create an Individualized Course of Study: Ethnic Studies, Music, Spanish.

Mathematics Concentration		
MATH 141	Calculus I	4
MATH 142	Calculus II	4
MATH 143	Calculus III	4
MATH 248	Methods of Proof in Mathematics	4
Select from the following:		4
LS 305	Project Based Learning in STEM Education	
MATH 300	Technology in Mathematics Education	
MATH 335	Graph Theory	
MATH 336	Combinatorial Math	
MATH 341	Theory of Numbers	
MATH 419	Introduction to the History of Mathematics	
MATH 442	Euclidean Geometry	
STAT 410	Statistics Education: Pedagogy, Content, Technology, and Assessment	
Total units		20

Teaching English to Speakers of Other Languages Concentration		
COMS 316	Intercultural Communication	4
ENGL 290 or ENGL 390	Introduction to Linguistics ¹ The Linguistic Structure of Modern English	4
ENGL 497	Theories of Language Learning and Teaching	4
ENGL 498	Approaches to Teaching English to Speakers of Other Languages	4
ENGL 499	Practicum in Teaching English to Speakers of Other Languages	2
Total Units		18

Science Concentration		
Chemistry Requirement , select from the following:		4
CHEM 110	World of Chemistry	
CHEM 124	Gen Chem for Physical Science & Engineering I	
CHEM 127	Gen Chem for Agriculture & Life Science I	
Physics Requirement , select from the following:		4
PHYS 111	Contemporary Physics for Nonscientists	
PHYS 121	College Physics I	
PHYS 141	General Physics IA	
PSC 320	Energy, Society and the Environment	
Approved Concentration Electives² , select from the following:		12
ASTR 102	Introduction to Stars and Galaxies	
ASTR 324	Longitude, Navigation, and Timekeeping	
BIO 114	Plant Diversity and Ecology	
BIO 231	Human Anatomy and Physiology I	
BIO 232	Human Anatomy and Physiology II	
BIO 302	Human Genetics	
BIO 305	Biology of Cancer	
BIO/CHEM 308	Genetic Engineering Technology	
BOT 121	General Botany	
BOT 311	Plants, People and Civilization	
BOT 326	Plant Ecology	
CHEM 125	Gen Chem for Physical Science & Engineering II	
CHEM 126	Gen Chem for Physical Science & Engineering III	
CHEM 128	Gen Chem for Agriculture & Life Science II	
CHEM 129	Gen Chem for Agriculture & Life Science III	
CHEM 312	Survey of Organic Chemistry	
CHEM 313	Survey of Biochemistry and Biotechnology	
CHEM 349	Chemical and Biological Warfare	
CHEM 377	Chemistry of Drugs and Poisons	
ERSC 223	Rocks and Minerals	
GEOL 102	Introduction to Geology	
GEOL 203	The Geologic Record: Fossils & the History of Life	
GEOL 206	Geologic Excursions	
GEOL 305	Seismology and Earth Structure	
LS 305	Project Based Learning in STEM Education ¹	
MCRO 221	Microbiology	
MCRO 342	Public Health Microbiology	
MCRO 421	Food Microbiology	
MSCI 111	Survey of Marine Biology	
MSCI 330	Technologies for Ocean Discovery	
MSCI 440	Communicating Ocean Sci. to Informal Audiences	
NR 306	Natural Resource Ecology & Habitat Management	
PHYS 122	College Physics II	
PHYS 123	College Physics III	
PHYS 132	General Physics II	
PHYS 133	General Physics III	
PHYS 330	Teaching Physics	
PSC 201	Physical Oceanography	
SCM 302/ ENGR 322/ HNRS 302	The Learn By Doing Lab Teaching Practicum ¹	
SCM 360	Selected Environ. Issues of CA's Central Coast	
Total Units		20

¹ A maximum of 4 units total from LS 305 and SCM 302/ENGR 322/HNRS 302 may be used in the concentration.

² Courses in BIO/BOT/MCR/MSCI may count towards a minor in Biology. Please consult a minor advisor for more information.