2009-11 Cal Poly Catalog

Liberal Studies Program

MAJOR COURSES

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264 College of Science and Mathematics

Emphasis Area

STAT 130 Intro to Statistical Reasoning
PSC 103 Physical Environ: Earth & Universe
PSC 102 Physical Environ: Atoms & Molecules
PSC 101 The Physical Environment: Matter and
MATH 330 Algebraic Thinking with Technology
MATH 328 Math for Elementary Teaching II
MATH 227 Math for Elementary Teaching I
KINE 443 Health Education for Teachers
KINE 310 Concepts and Applications in
HIST 210 World History (D3)*
GEOG 308 Global Geography (D5)*
ENGL 391 Topics in Applied Linguistics
BIO 113 Animal Diversity & Ecology (4)
BIO 114 Plant Diversity & Ecology (B2&B4)*
BIO 115 Animal/Human Structure & Function
ENGL 391 Topics in Applied Linguistics
GEOG 308 Global Geography (D5)*
HIST 208 Survey of California History (USCP)
HIST 210 World History (D3)*
KINE 310 Concepts and Applications in
KINE 443 Health Education for Teachers
MATH 227 Math for Elementary Teaching I (B1)*
MATH 328 Math for Elementary Teaching II
MATH 329 Math for Elementary Teaching III...
MATH 330 Algebraic Thinking with Technology...
PSC 101 The Physical Environment: Matter and
PSC 102 Physical Environ: Atoms & Molecules
PSC 103 Physical Environ: Earth & Universe
PSY 201/202 General Psychology (D4)*
STAT 130 Intro to Statistical Reasoning
STAT 217 Intro to Statistical Concepts and
Methods (B1)*

Emphasis Area (a minimum of 8 units at 300-400
level) .............................................. 16

SUPPORT COURSES

CD/EDUC 207 The Learner’s Development,
Culture and Identity in Educational Settings...... 4
EDUC 310 Effective Teaching & Classroom Mgt:
Multicultural Perspective in K-3 & 4-8 Setting or
EDUC 427 Theories Methods & Assessment of
First & Second Language Acquisition in Schools
1 EDUC 430 Teaching Reading and Language Arts
with a Multicultural Perspective (6) or EDUC
428 Primary Grade (K-3) Literacy & Language
Arts Instruction in Schools with Diverse
Populations (4) ........................................ 6
EDUC 431 Teaching Soc. Science and the Arts
with a Multicultural Perspective ..................... 4
EDUC 435 Learning to Teach K-8 Mathematics
with a Multicultural Perspective ..................... 4
EDUC 436 Learning to Teach K-8 Science with a
Multicultural Perspective ............................ 4

(3/21/13)

GENERAL EDUCATION (GE)

72 units required, 32 of which are specified in Major.
→See page 50 for complete GE course listing.
→Minimum of 12 units required at the 300 level.

Area A Communication (12 units)

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

Area B Science and Mathematics (no add'l units req’d)

B1 Mathematics/Stats * 8 units in Major ....... 0
B2 Life Science * 4 units in Major ............... 0
B3 Physical Science * 4 units in Major .......... 0
B4 One lab taken with either a B2 or B3 course *
Select one course from B1-B5* 4 units in Major...

Area C Arts and Humanities (16 units)

C1 Literature .......................................... 4
C2 Philosophy (PHIL 203/231 recommended).... 4
C3 Fine/Performing Arts ............................ 4
C4 Upper-division elective .......................... 4

Area D/E Society and the Individual (8 units)

D1 The American Experience (40404) .......... 4
D2 Political Economy ............................... 4
D3 Comparative Social Institutions * 4 units in
Major.................................................. 0
D4 Self Development (CSU Area E) * 4 units in
Major.................................................. 0
D5 Upper-division elective * 4 units in Major .... 0

Area F Technology Elective (upper division) .... 4

FREE ELECTIVES ...................................... 0

1 EDUC 428 and 2 units of free electives may substitute for EDUC 430.
### Courses Needed for Multiple Subject Credential

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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<tbody>
<tr>
<td>EDUC 440 Educating Individuals with</td>
<td>4</td>
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<tr>
<td>Exceptional Needs</td>
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<td>EDUC 434 Student Teaching – Multiple Subject</td>
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<td>Credential</td>
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<td>EDUC 455 Multiple Subject Student Teaching</td>
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<td>Seminar I</td>
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<td>EDUC 456 Multiple Subject Student Teaching</td>
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<tr>
<td>Seminar II</td>
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</tr>
<tr>
<td>EDUC 457 Multiple Subject Student Teaching</td>
<td>3</td>
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<tr>
<td>Seminar II</td>
<td></td>
</tr>
</tbody>
</table>

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EDUC 480 Computer Based Curriculum (Level I Technology requirement) or its equivalent is also required.