

**Liberal Studies Major with
Elementary Education Emphasis and Science Focus (58-61 units)**

All courses, except LIB S 498, must be taken for a letter grade and cannot be taken CR/NC.

Table 1: Core Subject Area - Liberal Studies (4 units total)

CODE	COURSE INFORMATION	Term	Grade
Pre-major or Major	Introduction to Liberal Studies (3 units) LIB S 300 (field experience required) (prerequisite – ED 200)		
Major only	Assessment in Liberal Studies (1 unit) LIB S 498 (prerequisite: LS 300)		

Table 2: Core Subject Area - Math and Science (10 units total)

CODE	COURSE INFORMATION	Term	Grade
Major only	Statistics and Probability in Elementary (3 units) Math 312 (prerequisite – LS Math Proficiency Assessment)		
Major only	Special Topics in Algebra, Geometry and Problem Solving (3 units) Math 313 (prerequisite – LS Math Proficiency Assessment)		
Major only	Processes and Inquiry in the Physical Sciences (4 units) PHYS 412		

Table 3: Core Subject Area - Social and Behavioral Science (3 units total)

CODE	COURSE INFORMATION	Term	Grade
Pre-major or Major	Linguistics and English (3 units) LING 420		

Table 4: Core Subject Area - Humanities (18 units total)

CODE	COURSE INFORMATION	Term	Grade
Major only	Children’s Literature (3 units) ENGL 306A (<i>must</i> be taken concurrently with ENGL 306W)		
Major only	Advanced Composition (3 units – grade of “C” or better satisfies GVAR) ENGL 306W (<i>must</i> be taken concurrently with ENGL 306A)		
Pre-major or Major	United States History for Teachers (3 units) HIST 413 (prerequisite: WPA score of 8 or RWS 280/281 with a “C” or better)		
Major only	World History (3 units) HIST 411		
Pre-major or Major	Visual/Performing Arts or Education - choose <i>one course</i> from the following list: Art 387 or Dance 302 or Music 343, or *Education 451/SPED 527 [SPED 527 by petition]:		
Pre-major or Major	Visual/Performing Arts or Education - choose <i>a second course</i> from the following list: Art 387 or Dance 302 or Music 343, or *Education 451/SPED 527 [SPED 527 by petition]:		

*only one ED/SPED class, not both, can be used in these areas [NOTE: SPED 500 is pre/co-requisite for SPED 527]

Table 5: Science Focus Classes (17-19 units total)

CODE	COURSE INFORMATION	Term	Grade
Pre-major or Major	Physical Science [Physics & Chemistry] (3 units) Natural Science100 [NOTE: this class is included in the lower division sequence, not the upper division]		
Pre-major or Major	Grammar & Usage for Writers [required <i>only</i> for students who score below 8 on the WPA] (3 units) LING 253/RWS 253 (same class cross listed)		
Pre-major or Major	Earth Science: Process and Inquiry (4 units) GEOL 412		
Pre-major or Major	Field Experience in Science (1 unit) TE 211B		
Pre-major or Major	Biology – choose (A) or (B) below (3-4 units) A) BIOL 101 & BIOL 101L or B) BIOL 319 or BIOL 324 or BIOL 327		
Pre-major or Major	Chemistry of Earth Science (choose <i>one</i> class – 3-4 units) CHEM 100 [see adviser about units] or GEOL 303 [not recommended for students pursuing middle school]		

Table 6: Option Classes – see reverse for choices (6-7 units total)

	COURSE INFORMATION	Term	Grade

Table 7: Electives (e.g. credential program prerequisites) or Science Emphasis classes (for middle school teaching)

	COURSE INFORMATION	Term	Grade

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Underlined upper division classes are *not* open to Liberal Studies *pre*-majors. Footnotes in the *Class Schedule* contain information on enrollment restrictions for courses – please read them carefully when searching for classes.

Table 8: Suggested Upper Division Course Sequence - Junior Year

Junior Semester I	Units	Junior Semester II	Units
Intro. to Liberal Studies: LS 300 (field experience)	3	Topics in Elementary Math: Math 313	3
World History for Teachers: HIST 411	3	Processes & Inquiry in Physics: PHYS 412	4
*Visual/Performing Arts or Education	3	Introduction to Linguistics: LING 420	3
CHEM 100 or GEOL 303	4-3	Earth Science: GEOL 412 (spring only)	4
Grammar/Usage: LING/RWS 253 (if required)	0-3	Science Field Experience: TE 211B (spring)	1
or			
*Biology (if LING/RWS 253 is waived)	0-4	***remember international experience***	
	15-17		15

*See reverse for choices.

Table 9: Suggested Upper Division Course Sequence - Senior Year

Senior Semester I	Units	Senior Semester II	Units
Senior Assessment: LS 498 (CR/NC only)	1	American History for Teachers: History 413	3
Statistics & Probability: Math 312	3	*Visual/Performing Arts or Education	3
Children's Literature: English 306A	3	Option class #2 [see below]	3-4
and		Elective (e.g. credential program prereq.)	3
Advanced Composition: English 306W	3	*Biology (if not completed earlier)	0-3
Option class #1 [see below]	3-4	or	
		Elective (e.g. credential program prereq.)	0-3
	13-14		15-16

*See reverse for choices.

NOTE: Natural Science 100 is a required LS major class, but it appears in the lower division sequence, not here.

Options within the Science Focus (6-7 units each)

Option 1: Linguistics (leads to TESL certificate) – 6 units

LING 550 (3) and LING 555 **or** LING 556 (3)

Option 2: Bilingual credential preparation – 7 units

DLE 415 (4) and SPAN 302 **or** 381 **or** 382 (3)

Option 3: Special Education credential preparation – 7 units

SPED 500 (3) and SPED 501 (3) and SPED 502 (1)

Option 4: Performing Arts – 6 units

THEA 510 (3) [NOTE: this class is offered infrequently, so students should take it when offered] **and** AFRAS 385 (3) **or** CCS 310 (3) **or** MUSIC 345 **or** MUSIC 351 (3)

Option 5: Additional Science & Switch to Science Emphasis (see note below and separate advising sheet)

Liberal Studies with a Science Emphasis and Middle School Teaching

Students with a keen interest in science and the possibility of teaching middle school science should consider changing to the Liberal Studies Science Emphasis. See the Science Emphasis advising sheet and Career Paths at libst.sdsu.edu for more details on this.

Credential Program Testing Requirements and Prerequisite Courses

- All multiple subject credential programs in California require both **CBEST** and **CSET**
- SDSU's credential programs have additional course prerequisites. Please consult the Liberal Studies website for more information: http://libst.sdsu.edu/advising/credential_program.html

Table 10: Advising Notes

Date	Adviser	Notes