

**California State University, Los Angeles**  
**Evaluation for the Bachelor of Science Degree in Natural Science**  
**Traditional Option with Chemistry Emphasis (2005 Catalog)**

Name \_\_\_\_\_ CIN \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_ Catalog of Entry \_\_\_\_\_ Student Signature \_\_\_\_\_

Advisor \_\_\_\_\_ Date \_\_\_\_\_

All courses including courses listed as "in progress" (IP) or "to be taken" (TBT) must be completed with a grade of "C" or better. A 2.0 GPA is required in all course work.

**Core Courses (68 Units)**

CSULA Course	For Transfer or Substitution Courses Only			Grade
	Institution	Course	Units	
ASTR 151 Principles of Astronomy (3)				
ASTR 152 Principles of Astronomy Lab (1)				
BIOL 100A Introductory Biology I (5)				
BIOL 100B Introductory Biology II (5)				
BIOL 100C Introductory Biology III (5)				
CHEM 101 General Chemistry I (5)				
CHEM 102 General Chemistry I (5)				
CHEM 103 General Chemistry I (5)				
GEOL 150 Earth Revealed (4)				
GEOL 155 Oceanography (4)				
GEOL 252 Historical Geology (4)				
MATH 206 Calculus I Differentiation (4)				
MATH 207 Calculus II Integration (4)				
NS 398 Field Observations in Science Ed (2)				
PHYS 101 Physics I <b>or</b> (4) PHYS 201 Gen Physics ( <i>recommended</i> )				
PHYS 102 Physics II <b>or</b> (4) PHYS 202 Gen Physics ( <i>recommended</i> )				
PHYS 103 Physics III <b>or</b> (4) PHYS 203 Gen Physics ( <i>recommended</i> )				

**Capstone Course (4 Units)**

NS 495 Natural Science Field Studies (4)				
--	--	--	--	--

### Chemistry Emphasis (52-53 Units)

CSULA Course	For Transfer or Substitution Courses Only			Grade
	Institution	Course	Units	
CHEM 201 Quantitative Analysis (5)				
CHEM 301A Organic Chemistry (3)				
CHEM 301B Organic Chemistry (3)				
CHEM 301C Organic Chemistry (3)				
CHEM 302A Organic Chemistry Lab (2)				
CHEM 318 Intro to Inorganic Chemistry (3)				
CHEM 360 Writing for Chemists (3)				
CHEM 411 Fund of Physical Chemistry (4)				
CHEM 435 Intro to Biochemistry (4)				
<b>Electives (11-12 units) <i>Select three courses</i></b>				
CHEM 318 Intro to Inorganic Chemistry (3)				
CHEM 440 Industrial Chemistry (4)				
CHEM 463 Biomedical Microanalysis (4)				
CHEM 480 History of Chemistry (4)				
<b>Electives (8 units) <i>Select 8 units of upper division electives with adviser approval</i></b>				

**General Education (Include 2 diversity courses)**

**A. Basic Subjects (16)**

- ENGL 101 (4)
- ENGL 102 (4)
- COMM 150 (4)
- Critical Thinking (4)

*Math covered in Core*

**American Institutions (8)**

- HIST 202A or 202B
- POLS 150

**B. Natural Sciences**

*Covered in Core*

**C. Humanities (12)**

*(From 3 different areas)*

- Course 1 \_\_\_\_\_
- Course 2 \_\_\_\_\_
- Course 3 \_\_\_\_\_

**D. Social Sciences (12)**

*(From 3 different areas)*

- Course 1 \_\_\_\_\_
- Course 2 \_\_\_\_\_
- Course 3 \_\_\_\_\_

**E. Lifelong Understanding (4)**

- Course \_\_\_\_\_

**F. Upper Division Theme (12)**

*(From 3 different areas)*

- Course 1 \_\_\_\_\_
- Course 2 \_\_\_\_\_
- Course 3 \_\_\_\_\_

**University Requirements (6)**

- ENGL 102 (4)
- Intro to Higher Ed (2)
- WPE (0)