

**CALIFORNIA STATE UNIVERSITY, LOS ANGELES
NATURAL SCIENCE PROGRAM MINOR**

Student Name: _____
 Email address: _____
 GE Year / Major Year: _____

CIN: _____
 Phone: _____
 Advisor: _____

Requirements for this degree

Students should speak with a Natural Science adviser before choosing this option.

- Students must earn a grade of C or higher in all courses that satisfy the following university, general education or minor requirements.
- **Consult with an advisor for the specific number of units required in all areas of the degree including General Education, 40 upper-division unit graduation requirement, and elective units needed to complete the major.**

Natural Science Minor

The Natural Science minor is designed to provide students with a basic knowledge of biology, chemistry, earth science, physics, and space science, as well as an understanding of science as a human endeavor. Students should speak with a Natural Science adviser before choosing an option. Total number of units required for the minor is 21 units.

The following worksheets show the minor requirements and the last page shows the GE and University requirements.

NATURAL SCIENCE MINOR REQUIREMENTS

Requirement	Units	Transfer institution and equivalent course	Or Cal State L.A. course number and title	Term	Grade
CORE (12 units)					
Core requirement courses (12 units)					
NATS 1010 – Physical Science	4				
NATS 1020 – Earth and Space Science	4				
BIOL 1030 – Life Science	4				
Electives (9 units)					
Select upper division courses from the following:					
NATS 3980 – Field Observations in Science Education	1				
NATS 4000 – Crosscutting Concepts in Natural Science	3				
NATS 4100 – The Nature of Science	3				
NATS 4200 – Cultures of Science	3				
NATS 4540 – Current Topics in Natural Science	3				

GENERAL EDUCATION AND UNIVERSITY REQUIREMENTS

GE Block and Area	Units	Transfer institution and equivalent course	Or Cal State L.A. course number and title	Term	Grade
LOWER DIVISION (39 units)					
A. English Language Communication and Critical Thinking (9 units)					
A1 Oral Communication	3				
A2 Written Communication	3				
A3 Critical Thinking and Composition	3				
B. Scientific Inquiry and Quantitative Reasoning (9 units)					
Select three courses from at least two categories		NATS Option I majors satisfy by taking Core requirements for major			
B1 Physical Science with lab	6				
B2 Biological Science with lab					
B3 Interdisciplinary Physical-Biological Science					
B4 Quantitative Reasoning & Mathematical Concepts	3				
C. Arts and Humanities (9 units)					
C1 Arts	3				
C2 Humanities	3				
C AI U.S. History (American Institutions)	3				
D. Social Sciences (9 units)					
D	3				
D	3				
D AI U.S. Constitution and State/Local Govt (American Institutions)	3				
E. Lifelong Learning and Self-Development (3 units)					
IHE (cl)	3				
UPPER DIVISION (9 units) (at least one course designated (cl))					
B Natural Science and Quantitative Reasoning	3				
C Arts and Humanities	3				
D Social Sciences	3				
TOTAL SEMESTER UNITS REQUIRED	48				

Other Requirements	Units	Transfer institution and equivalent course	Or Cal State L.A. course number and title	Term	Grade
Diversity (d) or (re) (two courses, one course must be re)					
Writing Intensive (wi) (two courses) (NATS Option I majors satisfy by taking NATS 4950 and UD writing course in emphasis area)					
Civic Learning (cl) (upper division GE course)					
Graduation Writing Assessment Requirement (must be satisfied prior to completion of 90 semester units)					