

California State University, Los Angeles
Evaluation for the Bachelor of Science Degree in Natural Science
Blended 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. A 2.75 GPA is required in the last 90 units for enrollment in EDCI 300. A 3.00 GPA is required in professional education courses.

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 or (4) PHYS 201 Gen Physics (<i>recommended</i>) | | | | |
| PHYS 102 Physics II or (4) PHYS 202 Gen Physics (<i>recommended</i>) | | | | |
| PHYS 103 Physics III or (4) PHYS 203 Gen Physics (<i>recommended</i>) | | | | |

Capstone Courses (6 Units)

| | | | | |
|--|--|--|--|--|
| NS 496A Natural Science Field Studies and Pedagogy (3) | | | | |
| NS 496B Natural Science Field Studies and Pedagogy (3) | | | | |

Chemistry Emphasis (30 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) | | | | |

Professional Education Courses (31 Units)

| | | | | |
|--|--|--|--|--|
| EDCI 300 The Teaching Profession (2) | | | | |
| EDFN 440 Schooling for Diverse Urban Society (4) | | | | |
| EDSE 401 Instructional Strategies (4) | | | | |
| EDSE 415 Classroom Management Secondary Schools (4) | | | | |
| EDSE 423 Teaching Reading in Secondary Schools (4) | | | | |
| EDSE 430 Using ESL Techniques in the Content Areas (4) | | | | |
| EDSE 445A Learning Environments and Instruction in Secondary Schools (4) | | | | |
| EDSP 400 Foundations of Special Education (4) | | | | |
| HS 457 Health Studies on Alcohol, Narcotics Nutrition and Tobacco (1) | | | | |

Postbaccalaureate Directed Teaching (12 Units)

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|--|--|--|--|--|
| EDSE 445C Directed Teaching in Secondary Schools (10) | | | | |
| EDSE 445D Proseminar: Assessment of Teaching Performance (2) | | | | |

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)