

**2025 - 2026 Bachelor of Arts in Environmental Science and Policy****72 - 77 Units**

Use this checklist in combination with your official Academic Requirements Report (ARR). This checklist is not intended to replace advising. Consult the advisor for appropriate course sequencing. *Curriculum changes in progress. Requirements subject to change.*

To be considered for admission to the major, complete the following Major Specific Degree Requirements (MSDR) by 60 units:

- **BIOL 200 or 211, MATH 115 or 119A or 122, EARTH 102 & 104, ECON 100** with grades of "C" or better and a minimum 2.5 overall GPA
- Grades of "C" or better in GE Foundations

| Courses                                                                                                                   |                                                                     | Prerequisites                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Complete <b>ONE</b> of the following courses with a grade of "C" or better (4 - 5 units total):                           |                                                                     |                                                                                                                                                                                               |
|                                                                                                                           | BIOL 200: General Biology (4)                                       | GE Math and One GE Subject Area 1                                                                                                                                                             |
|                                                                                                                           | BIOL 211: Introduction to Evolution and Diversity (5)               | Corequisite: CHEM 111A or 112A with a Grade of "C" or Better                                                                                                                                  |
| Complete <b>ALL</b> of the following courses with grades of "C" or better (10 units total):                               |                                                                     |                                                                                                                                                                                               |
|                                                                                                                           | ECON 100: Principles of Macroeconomics (3)                          | MATH 104 or Higher                                                                                                                                                                            |
|                                                                                                                           | ECON 101: Principles of Microeconomics (3)                          | MATH 104 or Higher                                                                                                                                                                            |
|                                                                                                                           | ERTH 102: Planet Earth (3)<br>AND<br>ERTH 104: Planet Earth Lab (1) | Corequisite: Concurrent or Prior Enrollment in EARTH 102 or 110                                                                                                                               |
| Complete <b>ALL</b> of the following courses (9 units total):                                                             |                                                                     |                                                                                                                                                                                               |
|                                                                                                                           | ES P 200: California Environmental Issues (3)                       | Corequisites: EARTH 102 and 104 or GEOG 130 or 140 or ES P/GEOG 101; BIOL 200 or 211 or ECON 101; or Consent of Instructor                                                                    |
|                                                                                                                           | GEOG 200: Introduction to Research Methods for Geographers (3)      |                                                                                                                                                                                               |
|                                                                                                                           | ERTH 280: Water Resources and Society (3)                           | ERTH 102 and 104; Four Years of High School Math                                                                                                                                              |
| Complete <b>ONE</b> of the following courses with a grade of "C" or better (3 - 5 units total):                           |                                                                     |                                                                                                                                                                                               |
|                                                                                                                           | CHEM 111A: General Chemistry (5)                                    | Corequisite: MATH 112B or Higher; CHEM 90 or 102 or 140 with "C" or Better or Appropriate Score in AP CHEM (2 or 3) or CHEM ALEKS or Other Measures<br>OR<br>Corequisite: MATH 119A or Higher |
|                                                                                                                           | CHEM 112A: Advanced General Chemistry (5)                           | Department Consent                                                                                                                                                                            |
|                                                                                                                           | CHEM 140: General, Organic, and Biochemistry (5)                    | Pre-Nursing Majors; STAT 108 or 118 or HDEV 190 or PSY 110 or SOC 170 or MATH 112A or 113 or 119A or 122 with a Grade of "C" or Better                                                        |
|                                                                                                                           | ERTH 191: Air and Water Pollution (3)                               |                                                                                                                                                                                               |
| Complete <b>ONE</b> of the following courses with a grade of "C" or better (3 - 4 units total):                           |                                                                     |                                                                                                                                                                                               |
|                                                                                                                           | MATH 115: Calculus for Business (3)                                 | MATH 112A with a Grade of "B" or Better; or Appropriate CSULB Algebra and Calculus Placement                                                                                                  |
|                                                                                                                           | MATH 119A: Survey of Calculus I (3)                                 | MATH 112B or 113 with a Grade of "C" or Better; or Appropriate CSULB Algebra and Calculus Placement                                                                                           |
|                                                                                                                           | MATH 122: Calculus I (4)                                            | MATH 111; MATH 112B or 113; All with Grades of "C" or Better; or Appropriate CSULB Algebra and Calculus Placement                                                                             |
| Complete <b>ONE</b> of the following courses or any introductory Environmental Science or Studies Course (3 units total): |                                                                     |                                                                                                                                                                                               |
|                                                                                                                           | ES P/GEOG 101: The Global Environment (3)                           |                                                                                                                                                                                               |
|                                                                                                                           | GEOG 140: Introduction to Physical Geography (3)                    |                                                                                                                                                                                               |
|                                                                                                                           | Any Introductory Environmental Science or Studies Course            |                                                                                                                                                                                               |
| **See department advisor for appropriate substitutions.                                                                   |                                                                     |                                                                                                                                                                                               |

| Complete <b>ALL</b> of the following courses (12 units total):                                                           |                                                                    |                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                          | ES P 300: Environmental Law and Policy (3)                         | ES P 200 and Upper Division Standing; or Consent                                                                                                              |
|                                                                                                                          | ES P/GEOG 330: California Ecosystems (3)                           | ES P/GEOG 101 or ES P 200 or GEOG 130 or 140;<br>GEOG 200 or BIOL 260; or Consent of Instructor                                                               |
|                                                                                                                          | ES P 400: Environmental Science and Policy Capstone Project (3)    | ES P Majors Only; Upper Division Standing;<br>BIOL 350 or ES P 330; ECON 306 or 462 or CE 406;<br>ES P 300; GEOG 473 or 481; EARTH 300;<br>Department Consent |
|                                                                                                                          | ERTH 300: Earth Systems and Global Change (3)                      | GE Foundations; Upper Division Standing;<br>CHEM 100 or 111A or EARTH 102 or 106 or 110 or 160<br>with a Grade of "C" or Better                               |
| Complete <b>ONE</b> of the following courses (4 units total):                                                            |                                                                    |                                                                                                                                                               |
|                                                                                                                          | GEOG 473: Introduction to Earth Observation (4)                    |                                                                                                                                                               |
|                                                                                                                          | GEOG 481: Geographic Information Science for Natural Sciences (4)  | GEOG 140 or BIOL 153 or EARTH 102;<br>Upper Division Standing; or Consent of Instructor                                                                       |
| ES P Specified Group 1: Humans and the Environment - Complete <b>ONE</b> of the following courses (3 units total):       |                                                                    |                                                                                                                                                               |
|                                                                                                                          | GEOG 442: Biogeography (3)                                         | Corequisite: ES P/GEOG 330                                                                                                                                    |
|                                                                                                                          | GEOG 447: Landscape Restoration (3)                                | Corequisite: ES P/GEOG 330                                                                                                                                    |
|                                                                                                                          | GEOG 455: People as Agents of Environmental Change (3)             |                                                                                                                                                               |
|                                                                                                                          | GEOG 458: Hazards and Risk Management (3)                          |                                                                                                                                                               |
| ES P Specified Group 2: Land Use Policy and Planning - Complete <b>ONE</b> of the following courses (3 units total):     |                                                                    |                                                                                                                                                               |
|                                                                                                                          | ES P 350: Environmental Politics (3)                               | Prerequisite: ES P 200; Corequisite: ES P 300                                                                                                                 |
|                                                                                                                          | GEOG 446: Land Use Planning (3)                                    |                                                                                                                                                               |
|                                                                                                                          | POSC 328: Public Policy (3)                                        |                                                                                                                                                               |
|                                                                                                                          | POSC 329: Cases in Public Policy Making (3)                        |                                                                                                                                                               |
|                                                                                                                          | POSC 431: Public Policy Analysis (3)                               |                                                                                                                                                               |
|                                                                                                                          | POSC 432: Public Values and Public Policy (3)                      |                                                                                                                                                               |
| ES P Specified Group 3: Social and Environmental History - Complete <b>ONE</b> of the following courses (3 units total): |                                                                    |                                                                                                                                                               |
|                                                                                                                          | ASAM/GEOG 350: Environmental Justice (3)                           | GE Foundations; Upper Division Standing                                                                                                                       |
|                                                                                                                          | ENGL 444: Literature and Environment (3)                           | GE Foundations; Upper Division Standing                                                                                                                       |
|                                                                                                                          | ES P/GEOG 450: Environmental Sustainability and Social Justice (3) | Upper Division Standing                                                                                                                                       |
|                                                                                                                          | HIST 464: Latin American Environmental History (3)                 |                                                                                                                                                               |
|                                                                                                                          | HIST 482: Recent American Environmental History (3)                |                                                                                                                                                               |
|                                                                                                                          | WGSS 424: Gendering Environmental Justice (3)                      | GE Foundations; Upper Division Standing                                                                                                                       |
| ES P Specified Group 4: Applied Environmental Skills - Complete <b>ONE</b> of the following courses (3 - 4 units total): |                                                                    |                                                                                                                                                               |
|                                                                                                                          | ANTH 450: Archaeological Field Research (1 - 10)                   |                                                                                                                                                               |
|                                                                                                                          | BIOL 457: Field Methods in Ecology (3)                             | BIOL 260 and 350 with Grades of "C" or Better                                                                                                                 |
|                                                                                                                          | BIOL 459: Conservation Biology (3)                                 | BIOL 260 and 350 with Grades of "C" or Better                                                                                                                 |
|                                                                                                                          | ENGL 444: Literature and Environment (3)                           | GE Foundations; Upper Division Standing                                                                                                                       |
|                                                                                                                          | ES P/GEOG 392: Climate Action and Sustainability at CSULB (3)      | GE Foundations; Upper Division Standing                                                                                                                       |
|                                                                                                                          | ES P/GEOG 492: Applied Internship (3)                              | ES P or GEOG Majors Only; Upper Division Standing                                                                                                             |
|                                                                                                                          | GEOG 443: Watersheds: Processes and Management (4)                 | ES P/GEOG 101 or GEOG 130 or 140 or ES P 200 or<br>ERTH 280; or Consent of Instructor                                                                         |
|                                                                                                                          | GEOG 448: Environmental Assessment (3)                             |                                                                                                                                                               |
|                                                                                                                          | GEOG 486: Field Methods in Landscape Analysis (4)                  | Upper Division Standing                                                                                                                                       |
|                                                                                                                          | HIST 482: Recent American Environmental History (3)                |                                                                                                                                                               |
|                                                                                                                          | NSCI 492: Internships in Natural Science (3)                       | CNSM Major; Completion of 9 Units of Upper Division<br>Science Coursework; 2.5 GPA Overall or 2.75 GPA in<br>the Student's Major; Consent of Instructor       |

| <b>Environmental Economics (Choose 1 of 2 Options) (6 units total):</b>                                                                                                             |                                                                    |                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Option 1 of 2</b>                                                                                                                                                                |                                                                    |                                                                                               |
|                                                                                                                                                                                     | ECON 306: Environmental Issues of the World Economy (3)            | ECON 101                                                                                      |
|                                                                                                                                                                                     | ECON 406: Applied Environmental and Natural Resource Economics (3) | ECON 306; MATH 115 or 119A or 122; BIOL 260 or ECON 380 or MATH 380 or STAT 108 or Equivalent |
| <b>Option 2 of 2 (if completing a minor in Economics)</b>                                                                                                                           |                                                                    |                                                                                               |
|                                                                                                                                                                                     | ECON 310: Microeconomic Theory (3)                                 | ECON 100 and 101; MATH 115 or 119A or 122; All with Grades of "C" or Better                   |
|                                                                                                                                                                                     | ECON 462: Environmental Economics (3)                              | ECON 310 or 317 with a Grade of "C" or Better                                                 |
| <b>Environmental Science &amp; Policy Approved Electives - Complete 6 UNITS of upper division coursework. See Catalog and ARR for the list of approved courses (6 units total):</b> |                                                                    |                                                                                               |
|                                                                                                                                                                                     | Elective:                                                          |                                                                                               |
|                                                                                                                                                                                     | Elective:                                                          |                                                                                               |

**In order to graduate from CSULB, students must complete General Education/GWAR/Major requirements and have a minimum of 120 units (40 must be upper division) with at least a 2.0 in all GPAs (Overall, CSULB, Major).**

#### **Additional Information**

- **See online Catalog for additional course information, limitations, and requirements.**
- Some courses may also fulfill GE requirements. Visit the GE website for course selection: [csulb.edu/student-records/general-education-requirements](http://csulb.edu/student-records/general-education-requirements).
- A course can only be used to satisfy one major requirement. **Double counting is not allowed within the major.**
- EARTH courses were formerly GEOL courses. Courses taken prior to Fall 2023 with the GEOL prefix are accepted if equivalent.

#### **Department of Environmental Science and Policy**

Dr. Lily House-Peters, Program Director

Dr. Monica Argandoña, Major Advisor

#### **College of Liberal Arts Advising Center (ATLAS)**

[cla.csulb.edu/programs/es-p](http://cla.csulb.edu/programs/es-p)

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*Checklists are available on the [ATLAS website](#)*