



## MAJOR REQUIREMENTS

### A. ENVIRONMENTAL STUDIES CORE REQUIREMENTS:

- **Environmental History and Social Sciences (four units total). Any TWO from a-d\*:**

(a) Economics 201 and one ES-Economics course

Econ 201     \_\_\_\_\_

(b) One introductory empirical Poli Sci course (220, 240, or 260) and one ES-Poli Sci course (except 280-298, 380-415)

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(c) Two units of history, including one ES-History course

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(d) Anthropology 211 or 201, and one ES-Anthropology course

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- **Mathematical and Natural Sciences courses (four and one-half to five units):**

- Biology 101 & 102

- Chemistry 101 & 102

- One upper-level ES-Mathematical & Natural Sciences course (numbered 200 or above)

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- **Environmental Studies interdisciplinary requirement (two units):**

- ES 200 (Intro to Environmental Studies Research)

- ES 300 (Junior Seminar)

\* ES-Biology majors may substitute ES 200 for one course in any ES-history and social science discipline (a-d). Note: ES 200 does not necessarily satisfy the prerequisite for upper division courses that require specific 200-level history and social science courses.

**B. HOME DEPARTMENT REQUIREMENTS (nine units):** Five units in biology at the 200 level or above, including: one course from each of the department's four "clusters" bellow, at least one of which must be designated as ES-Biology. The fifth unit may be filled by a lecture-laboratory course, a combination of two one-half courses, or Chemistry 230.

(1) *Genes, Genetics, and Genomes; Gene Regulation; Computational Systems Biology; Bioinformatics*

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(2) *Cellular Biology; Microbiology; Developmental Biology*

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(3) *Neurobiology and Physiology; Plant Physiology; Animal Behavior*

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(4) *Ecology, Leaves to Landscapes; Vascular Plant Diversity*

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- Additional fifth unit

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- Chemistry 201 & 202

- Two mathematics or computer science courses

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**C. JUNIOR QUALIFYING EXAM IN ENVIRONMENTAL STUDIES**

**D. JUNIOR QUALIFYING EXAM IN BIOLOGY**

**E. THESIS 470 (ENVIRONMENTAL STUDIES)**

## DIVISIONAL REQUIREMENTS

There are no divisional requirements for this major.

## CREDIT AND DISTRIBUTION REQUIREMENTS

**Humanities:** HUM 110 or equivalent (3 units)

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Distribution requirements must be fulfilled with 3 units in each of the following groups. 2 Units must come from the same subject and the third unit must come from a different subject.

**Group 1** Art, ANME (language and literature), Comparative Literature, CRES, Creative Writing, Dance, Languages, Literature, Music, Philosophy, Theatre

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**Group 2** Anthropology, ANME (archaeology and history), CRES, Economics, ICPS, History, Linguistics, Political Science, Religion, Sociology

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**Group 3** Biology, Chemistry, Computer Science, Mathematics, Physics, Psychology.  
*A substantial portion of at least one unit must be devoted to primary data collection and analysis.*

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**Notes:** No course can count towards more than one group. 200-level Humanities courses not used for the Humanities requirement can apply to either Group 1 or Group 2, but not both. A maximum of 2 units can come from language courses. If 2 units are being taken in language courses, the 2 units must be in the same language.

30 units of coursework, 15 of which must be taken at Reed

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6 quarters of Physical Education, 2 of which may come from Community Engagement programs

\_\_\_\_/6

6 units completed during senior year

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