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) ☐ ☐  
  (c) Two units of history, including one ES-History course ☐ ☐  
  (d) Anthropology 211 and one ES-Anthropology course ☐ ☐  
- Mathematics and Natural Sciences courses (four and one-half to five units):
  - Biology 101 & 102 ☐  
  - Chemistry 101 & 102 ☐  
  - One upper-level ES-biology course OR one ES-chemistry course (numbered 200 or above) ☐  
- 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” below, 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 ☐  
  (2) Cellular Biology; Microbiology; Developmental Biology ☐  
  (3) Neurobiology and Physiology; Plant Physiology; Animal Behavior ☐  
  (4) Ecology, Leaves to Landscapes; Vascular Plant Diversity ☐ 
  - Additional fifth unit ☐  
  - Chemistry 201 & 202 ☐  
  - Two mathematics or computer science courses ☐  

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) ☐

You may use courses in your major department to satisfy any one distribution requirement other than Group X.

Group Requirements must be fulfilled by two units from the same subject.

**Group A** Literature, Philosophy, Religion, Arts ☐ ☐

**Group B** History, Social Sciences, Psychology ☐ ☐

**Group C** Natural Sciences ☐ ☐

**Group D** Mathematics, Computer Science, Logic, Foreign Language, or Linguistics ☐ ☐

**Group X** 2 units in any one department outside of the major department ☐ ☐

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

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

6 units completed during senior year ___/6

AM 6/2019