A. REQUIREMENTS:
- Biology 101 & 102
- Four semester lecture-laboratory courses in biology, one from each of the four clusters:
  (A) Genes, Genetics, and Genomes; Gene Regulation; Computational Systems Biology; Bioinformatics
  (B) Cellular Biology; Microbiology; Developmental Biology
  (C) Neurobiology and Physiology; Plant Physiology; Animal Behavior
  (D) Ecology; Leaves to Landscapes; Vascular Plant Diversity
  - One additional unit in biology or biochemistry. This unit may be an additional full lecture-laboratory or two one-half unit Biology courses, or Chemistry 391 or 392. Advanced courses may be taken in any sequence as long as course prerequisites have been met.
  - Two mathematics or computer science courses
  - Chemistry 101 & 102
  - Chemistry 201 & 202

B. RECOMMENDATIONS:
Students are strongly encouraged to consult with advisers, as specific courses may be preferred depending on disciplinary interests or career plans

C. JUNIOR QUALIFYING EXAM (BIOLOGY)
D. THESIS 470 (BIOLOGY)

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

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

6 units completed during senior year