

BIOLOGY



REED COLLEGE Office of the Registrar
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MAJOR REQUIREMENTS

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; Restoration Ecology; 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) _____

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, Classics (language and literature), Comparative Literature, CRES, Creative Writing, Dance, Languages, Literature, Music, Philosophy, Theatre _____ _____ _____

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

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.* _____ _____ _____

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 _____/30

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

6 units completed during senior year _____/6