

CHEMISTRY



REED COLLEGE Office of the Registrar
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MAJOR REQUIREMENTS

A. REQUIREMENTS:

- Chemistry 101 & 102
- Chemistry 201 & 202
- Chemistry 212
- Chemistry 311 or 313 _____
- Chemistry 315 or 316 _____
- Chemistry 332
- Chemistry 333
- Mathematics 111
- One of: Mathematics 112, 113, 141, or Computer Science 121 _____
- Physics 101 & 102

B. RECOMMENDATIONS

- To obtain certification of program by American Chemical Society, one unit of biochemistry is required (any combination of Chemistry 391, 392, 394, or 401). _____
- Students with special interests in physical and theoretical chemistry should take:
 - Mathematics 112, 201, & 202 _____ _____ _____
 - Physics 201 & 202 _____
 - Chemistry 403 &/or 324 _____ _____
- More advanced courses in physics and mathematics (consult with adviser).
- Students contemplating graduate work in biochemistry or related fields should take:
 - Chemistry 391, 392, & 394 _____ _____ _____
 - Additional biology courses (consult with adviser)

C. JUNIOR QUALIFYING EXAM (CHEMISTRY)

D. THESIS (CHEMISTRY)

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

Group 2 Anthropology, ANME (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