

MAJOR REQUIREMENTS

This program is for the student whose intellectual interest or career objectives span these two fields. It provides a richer foundation in physics than does the usual major in chemistry for students anticipating graduate study in chemical physics or theoretical physical chemistry. It also offers experience in theoretical and experimental chemistry beyond the usual major in physics for student interested in molecular and solid-state physics or applied physics.

A. REQUIREMENTS:

- Chemistry 101 & 102
- Chemistry 201 & 202 (lectures only)
- Chemistry 212
- Physics 101 & 102
- Physics 201 & 202
- Physics 311
- Physics 321
- Math 111 & 112
- Math 201 & 202
- Chemistry 332 or Physics 351 _____
- Chemistry 333 or Physics 342 _____
- Chemistry 311 & 316 or Physics 331 & 332 _____

B. JUNIOR QUALIFYING EXAM IN BOTH CHEMISTRY AND PHYSICS

C. THESIS 470 (CHEMISTRY-PHYSICS)

DISTRIBUTION REQUIREMENTS

YOU MAY USE COURSES IN YOUR MAJOR DEPARTMENT TO SATISFY ANY ONE DISTRIBUTION REQUIREMENT OTHER THAN GROUP X.

HUMANITIES: Hum 110 or the equivalent (3 units) _____

GROUP A: Literature, Philosophy, Arts, Religion (2 units in one discipline excluding applied courses) _____

GROUP B: History, Social Sciences, Psychology (2 units in one discipline) _____

GROUP C: Natural Sciences (2 units in Biological or Physical Science) _____

GROUP D: Mathematics, Computer Science, Logic, Linguistics, Foreign Language (2 units in one discipline) _____

GROUP X: 2 units in any one discipline outside of the major department (not courses used for groups A-D) _____

INSTRUCTIONS

1. Use a copy of the current Catalog and the Guidebook.
2. Check off and fill in the courses you have completed. Please note that no student may fulfill more than one distribution requirement through work in his or her major department.
3. Count the number of units you have—remember that to graduate, you need 30 units, 15 of which must be units taken at Reed College.
4. Make sure you complete six quarters of PE.
5. You must also complete a Declaration of Major form and pass your department's Junior Qualifying Exam.

HAVE YOU COMPLETED...

30 units of coursework?
 ____ / 30
 15 units at Reed?
 ____ / 15
 6 quarters of PE?
 ____ / 6

DIVISIONAL REQUIREMENTS

THERE ARE NO DIVISIONAL REQUIREMENTS.

