

# MAJOR PLANNER: CHEMISTRY

## MAJOR REQUIREMENTS

### A. REQUIREMENTS:

- Chem 101
- Chem 102
- Chem 201
- Chem 202
- Chem 212
- Chem 311
- Chem 316
- Chem 332
- Chem 333

- Physics 100
- Math 111
- Math 112
- Math 211\*

\*Physics 200 (lecture and lab in fall, lab in spring) may be substituted.

### B. JUNIOR QUALIFYING EXAM

### C. THESIS 470 (CHEMISTRY)

### D. RECOMMENDED:

Courses required to obtain certification of program by American Chemical Society:  
Chem 391 or 392

Reading comprehension in a foreign language, especially German

Students with special interests in physical and theoretical chemistry should take:

Math 212  Physics 200  Chem 324

More advanced courses in math and physics (consult with advisor)

Students contemplating graduate work in biochemistry or related fields should take:

Chem 391  Chem 394  Chem 392

Additional biology courses (consult with advisor)

## 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

## 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, 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)

## DIVISIONAL REQUIREMENTS

THERE ARE NO DIVISIONAL REQUIREMENTS.

