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## Internships

The internship is 150:399 Chem 399. It is a credit-bearing BA and BS in Chemistry or BS in Biochemistry degrees. You will be in the department of Chemistry or Biochemistry. This is a 6-credit program.

### I. How to enroll for Chem 399

#### I.A. Find an internship position

Search for a position in the field of chemistry, biochemistry, or molecular biology. You can find positions through the Career Center, REU (Research Experience Undergraduate) programs, or by contacting professors in the department. Be sure to check the department website for more information.

• Career Center <http://www.career.cornell.edu>

• REU (Research Experience Undergraduate) programs: Many REU programs are offered by US government agencies, including NASA and the Department of Energy. Each REU program has its own website and application process. For more information, visit the REU website.

• The Chemistry Department Occasional Post-Term Research Assistantships: These are short-term positions in the Chemistry Department. For more information, visit the department website.

#### I.B. Negotiate with the employer.

As a student, you must be paid for your work. If you are not being paid, you should not accept the position.

• Will you be doing the work? If you are not doing the work, you should not accept the position. If you are doing the work, you should be paid for it.

• How long will you be working for the employer?

• What are the expectations for the position?

• In the event of a conflict, what does the employer expect? The employer should 1) identify the conflict, 2) describe the conflict, and 3) specify the desired outcome.



principles of safety and ethics. (See separate sections on safety and ethics.)

### III.B. The internship report

The report grade will be determined by the instructor. See the *Internship Reports* for specific guidelines. You should prepare the final report before the end of the semester. The report will be graded on the basis of the report. It is important that the report be submitted on time. It is not to be plagiarized. (See the section on plagiarism.)

### III.C. Long internships:

If you are on a long-term internship, you should be given an IP grade for the first semester. After the first semester, you should be given a letter grade. Remind the instructor to change the IP grades to a letter grade when you turn in the final version of your report. If you are on a long-term internship, you should be given an IP grade for the first semester.

### III.D. Other activities:

You may engage in other activities during your internship. However, you should not engage in any activities that are dangerous or illegal. You should also avoid any activities that are distracting or interfere with your work. You should also avoid any activities that are socially inappropriate.

## IV. The internship report

Your degree program is certified by the American Chemical Society (ACS), the highest accreditation for chemistry programs in the US. The ACS has specific guidelines for internships. Each semester, you should be given an IP grade. Specific directions for the report are given in the handbook. See: <http://www.acs.org/education/undergraduate/handbook> (See Chapter 99 - Guidelines for the Internship Report). Do not turn in a report without having consulted this handout.

## V. Ethics in chemistry and safety

### V.A. General ethical concerns in chemistry

A key principle of chemistry is that no one works alone. Always work with others. Industrial laboratories require that no one work alone. Always work with others. Always follow the rules. Always use proper safety procedures.

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