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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 Chemistry department in the Chemistry building. 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 area of your interest. The position should be a research position in the field of chemistry or biochemistry. You should be a graduate student in the field of chemistry or biochemistry. You should be a graduate student in the field of chemistry or biochemistry.

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

● REU (Research Experience Undergraduate) program by the National Science Foundation (NSF) and NASA. Each year, the program awards about 100 REUs to students from across the country. Each REU award is for a period of 10 weeks. You can search the website for more information. For more information, see the website.

● The Chemistry Department Occasional Post-Term Research Assistantship (O-PTRA) program. The program is a 6-credit program in the Chemistry Department.

I.B. Negotiate with the employer.

As a stipend is not provided, you must be paid for your work.

● Will you be doing the research? If you are not, then you should not accept the position. If you are doing the research, then you should accept the position. You should be paid for your work.

● How long will you be working for the employer?

● What are the expectations of the employer?

● 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.

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I.C. Negotiate with the Chemistry Department

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III. How are grades assigned in Chem 399?

III.A. Your employer:

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ethics and safety (See separate section on ethics and safety.)

III.B. The internship report

The report grade will be determined by the See the handbook 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 expected that the report will be submitted on time. It is NOT be plagiarized. (See the handbook for more information.)

III.C. Long internships:

If you are on a long internship, you should be given an IP grade. After the final report has been graded and entered into the system, a grade will be determined and that grade will be placed on your transcript. *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 internship, you should be given an IP grade.

III.D. Other activities:

Your internship experience should be a positive one. You should be able to learn a great deal from your internship. You should be able to apply what you have learned in the classroom to the workplace. You should be able to work with others and contribute to the team. You should be able to communicate effectively. You should be able to solve problems. You should be able to work under pressure. You should be able to work independently. You should be able to work in a team. You should be able to work in a laboratory. You should be able to work in an office. You should be able to work in a factory. You should be able to work in a hospital. You should be able to work in a government agency. You should be able to work in a non-profit organization. You should be able to work in a business. You should be able to work in a school. You should be able to work in a research laboratory. You should be able to work in a government agency. You should be able to work in a non-profit organization. You should be able to work in a business. You should be able to work in a school. You should be able to work in a research laboratory.

IV. The internship report

Your degree program is certified by the American Chemical Society (ACS), the highest accreditation for chemistry programs in the US. To maintain this certification, ACS has specific guidelines for internships. Each department should be able to provide a report. Specific directions given are separate. See: <http://www.acs.org/education/undergraduate/handouts> (See Chems 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 safe and ethical laboratory is essential for the success of chemistry. All students should be expected to follow the Code of Ethics (see <http://www.acs.org/education/undergraduate/handouts>). Industrial laboratories require that no one work alone. Other people in the laboratory should be able to work safely.

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