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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 an internship position in the Chemistry, Biochemistry, and Environmental Science departments. You can find these positions on the department websites. Some positions are advertised on the department website, while others are filled through direct communication with faculty members.

● Career Center <http://www.career.cuhu.edu> - [career@cu.edu](mailto:career@cu.edu)

● REU (Research Experience Undergraduate) programs are offered by the National Science Foundation, NASA, and other agencies. Many of these programs are funded by the federal government. You can find these programs on the REU website. Each REU advertisement includes information about the program, the host institution, and the contact information for the program director.

● The Chemistry Department Occasional Post-Term Research Assistantships are available for students who are interested in research in the Chemistry Department. For more information, contact the Chemistry Department.

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

As a student, you must be clear about your expectations and the responsibilities of the internship. It is important to discuss these issues with the employer before accepting the position.

● Will you be doing the internship for free? If you are not being paid, it is important to discuss this with the employer. If you are being paid, it is important to discuss the amount and frequency of payment with the employer.

● How long will the internship last?

● What are the expectations for the internship?

● In the event of an emergency, what is the contact information for the employer? The employer should provide you with the contact information for the employer in the event of an emergency. This information should include the employer's name, address, phone number, and email address.

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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 following criteria. It is important that you do not be plagiarized. (See the ethics section) Assigned by ACS for accreditation, had a 5-year history.

### III.C. Long internships:

If you are on a long-term internship (more than 10 weeks), 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-term internship, please contact your advisor.

### III.D. Other activities:

Your internship may be a valuable learning experience, and you should take full advantage of it. If you are on a long-term internship, you should keep a journal of your activities. This will be helpful when you write your report. Make a list of activities and dates.

## 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 certification, ACS has specific guidelines for internships. Each department should be aware of these guidelines. Specific directions for internships can be found in the handbook. See: <http://www.acs.org/education> (See Chems 99 - Guidelines for the Internship). 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 we are expected to work in a safe and responsible manner. This is especially true in industrial laboratories where safety is a top priority. Always wear your PPE and follow the safety protocols. Do not work alone.

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VI. Career and professional school information:

The interested parties of the ACS by *Careers for Chemists*. The  
experience career decide he field which  
did participate in the total graduate school  
for their careers and graduate school be based at the following  
web sites

ACS career resources  
[http://p.acs.org/p/acs/cg/career.htm?fp=8&pageLabel=PP\\_CAREER\\_S&de\\_id=87&ec=fas&ec\\_uu=egid](http://p.acs.org/p/acs/cg/career.htm?fp=8&pageLabel=PP_CAREER_S&de_id=87&ec=fas&ec_uu=egid)

Direct Graduate Research (free for UA campus UA VPN)  
<http://dgr.its.cmu.edu>

UA career resources  
<http://www.ace.uva.nl>  
<http://www.ccm.com>