

CHE 400 Undergraduate Research

University of Illinois Springfield - Department of Chemistry

I. What is CHE 400 Undergraduate Research?

All chemistry majors are required to complete 4 hours of undergraduate research for graduation. Each student will investigate a particular area of science directed and reviewed by a faculty member. Upon completion of the project, the student will present his/her findings in a formal publication or in a public presentation.

II. Who is eligible to enroll in CHE 400 Undergraduate Research?

Any student enrolled as a physical or life science major at the University of Illinois Springfield. Preferences will be given to those students who have completed their sophomore year. This course fulfills an Engaged Citizenship Common Experience at UIS in the areas of Engagement Experience or ECCE Elective. The research experience may be completed on campus or off campus at a department-approved site.

III. How do I enroll for CHE 400 Undergraduate Research?

Fill out the application form **and** the recommendation form (below) *before* the semester in which you plan to enroll in CHE 400. After the Department has reviewed your application, a faculty member will be in contact with you to discuss a proposed project.

Upon completion of the application form, please submit to the Chemistry Department Office (HSB 314).

Ask at least one (max two) faculty member to complete the recommendation form and submit to the Chemistry Department Office (HSB 314).

IV. Application

1. Name (Last, First): _____

2. UIN: _____

3. Major: _____

4. Current Status: Freshman Sophomore Junior Senior

5. Expected Graduation Date (month/year): _____

6. Research Advisor Preference (1st Choice): _____

7. Research Advisor Preference (2nd Choice): _____

8. CHE 400 Credits planned

Spring _____ Summer _____ Fall _____

9. Grade Point Average (UIS Cumulative): _____ (X.XX/4.00)

10. Grade Point Average (UIS Major): _____ (X.XX/4.00)

11. In 200 words or less explain what you plan to do in the field of Chemistry upon graduation and how this research experience may help you reach your goals (please type and attach).

12. Describe your proposed research project in 500 words or less. We recommend that you meet with a faculty member to discuss his/her available projects and how your interests might fit in (please type and attach).

V. Faculty Recommendation Form:

1. Name: _____

2. Department: _____

3. Name of student you are recommending: _____

4. I have known this student for _____ years in _____

_____ (capacity).

5. Please rank the student's abilities on a scale of 0 to 4 in the following categories:

	Not Observed	Fair	Good	Excellent	Outstanding
Ability to grasp concepts	0	1	2	3	4
Understanding of lab techniques	0	1	2	3	4
Ability to complete assignments on time	0	1	2	3	4
Ability to work independently	0	1	2	3	4
Oral communication skills	0	1	2	3	4
Written communication skills	0	1	2	3	4
Motivation to learn science	0	1	2	3	4
Ability to solve problems	0	1	2	3	4
Overall performance in your course	0	1	2	3	4

6. I would choose this student to do independent research in my own laboratory.

Yes

No