



UNIVERSITY OF DELAWARE

ENGINEERING

DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING

Research for Credit CHEG 473/474 vs. UNIV 401/402

One can do research in three ways: (1) as a volunteer, (2) for money/pay, or (3) for credit towards your degree. This document discusses only the “research for credit” option.

You have two options if you want to do research for credit. You can register for a six-credit sequence of CHEG 473/CHEG 474 starting from the fall of your Senior year and continuing on in spring the Senior year. Alternatively, you can register for the six-credit sequence of UNIV 401/402 in Fall/Spring of your senior year. In both cases, you will be doing a research project for a UD faculty member and each of the courses can be used toward specific degree requirements.

NOTE: only six credits of research can be used towards degree requirements.

Option 1: CHEG 473/474 in Senior Fall and Senior Spring

CHEG 473/474: The Chemical Engineering Department administers CHEG 473/474. You are required to submit monthly reports each semester (culminating in a thesis), but there is no formal defense, as in UNIV 401/402. Admission to CHEG 474 in the spring semester is contingent on good progress in CHEG 473. The prerequisite for CHEG 473 is prior approval of research advisor and the CHEG 473 course instructor. ***“Application for admission to CHEG 473 requires a one page document consisting of (1) Project Title (2) Name of Research Advisor (s) (3) Brief Objectives (4) Brief outline of research tasks to achieve the stated objectives (5) Metrics to evaluate successful attainment of the objectives.”*** The research advisor and the instructor for CHEG 473 must approve this document.

You can choose to use CHEG473 in place of CHEG445: Chemical Engineering Lab II if you have a received a B or better in CHEG345 *and* receive a C or better in CHEG473/474. CHEG474 will count as a CHEG elective.

You must complete the entire six credits of CHEG 473/474 to receive credit for CHEG445.

Option 2: UNIV 401/402 in Senior Fall and Spring (Degree with Distinction)

UNIV 401/402: The University administers UNIV 401/402, and there is a requirement to write a formal senior thesis at the end. There is also a formal thesis defense that is evaluated by a committee. Students who do UNIV 401/402 get a ***Degree with Distinction***. Information on the University senior thesis and Degree with Distinction via UNIV 401/402 is available at: <http://www.urp.udel.edu/urp/senior-thesis/overview/>

There is a formal application process with the Honors program that must be completed before you can be admitted into UNIV 401/402. UNIV 401/402 requires a minimum overall of GPA of 3.0 and a GPA in the major of 3.5. The GPA average in the major is computed from the grades of all CHEG courses (and co-listed CHEG courses).

You can choose to use UNIV401 in place of CHEG445: Chemical Engineering Lab II if you have a received a B or better in CHEG345 *and* receive a C or better in UNIV401/402. UNIV402 will count as a CHEG elective. You must complete the entire six credits of UNIV401/402 to receive credit for CHEG445.

You must complete the entire six credits of UNIV 401/402 for a thesis and a degree with distinction.