



**Chemistry Graduate Program**  
**Form C1a-Quim6999/8999 Second Semester Research**

**A. Authorization for registration in the research course**

\_\_\_\_\_  
Student Name

\_\_\_\_\_  
Student Number

Classification:  M.S.     Ph.D.

**Academic Year and Semester:** \_\_\_\_\_

**Number of Credits Requested:** \_\_\_\_\_

**Research Project Title** \_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Advisor's Name and Signature

\_\_\_\_\_  
Date

**B. Safety Rules**

1. All students should use safety glasses at all times in the laboratory. Regular glasses are not acceptable. Neither should contact lenses be used in the laboratory.
2. Students should use closed-toe shoes when working in the laboratory.
3. Students should wear appropriate protective clothing (PPE) in the laboratory. (Note: Wearing shorts in the laboratory is prohibited.)
4. Not less than two people are allowed to work in the laboratory.
5. Students working with toxic, flammable, or irritating substances must use the safety hood/aspirator.
6. Students should notify the supervisor and laboratory manager of any incident in the laboratory immediately.

This is to certify that I have read and understood the rules of the laboratory described and I agree to obey these rules and others that are specified (for example: the Chemistry Hygiene Plan of the laboratory) as a condition to continue in the laboratory. I understand that a deliberate violation is a sufficient reason for my removal from the course.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

# Quim8999 Second Semester Research Report

Due: Second Friday of May

\_\_\_\_\_  
Complete Name

\_\_\_\_\_  
Student Number

**Research Project Title** \_\_\_\_\_  
\_\_\_\_\_

**1. Abstract-** Provide a 200-word summary of the highlights of your semester accomplishments.

\_\_\_\_\_

**2. Background and significance-** Define the research problem that you are focusing on and its significance. Provide a brief background to contextualize the problem.

\_\_\_\_\_

**3. Specific Aims-** Define the specific aims that were the focus of your semester plan.

\_\_\_\_\_

**4. Methodology and Analysis-** Describe the experimental approach that you took for each aim. Provide key (preliminary) conclusions.

\_\_\_\_\_

**5. Content Image-** Please provide at least one key figure and/or table that summarizes the work you accomplished.

**6. Semester Deliverable(s)-** In this section, you should only report deliverables from this current academic semester. Do not write about a deliverable from before this semester.

Publications: Provide reference in ACS citation format.

Presentation: Provide authors, presentation name, conference name, location, and date of presentation.

Patent Awarded: Provide authors and title.

Curriculum Requirement Completed (For example, proposal A): If it is a proposal or seminar presentation, then provide the name.

**7. References-** Please provide your list of references using the ACS citation format.

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**8. Individual Development Plan-** One of the main metrics for measuring the success of a graduate program is the professional outcome of its students. For this reason, our program is fully embracing providing the necessary resources for students to be able to reach their career aspirations. To facilitate this process, it is important that students see their growth as scientists and the implementation of their graduate thesis work as part of a bigger picture of their overall development. I ask that you provide an individual development plan (IDP) of **short-term goals** that will lead to a longer term outcome. Please describe the set of personal and professional goals that you wish to tackle during the next academic year and how you envision tackling these goals either by taking courses, through your research studies, engaging in a workshop, participating in conferences, etc. You can format your IDP according to the ChemIDP format provided by the American Chemical Society.

<https://chemidp.acs.org/>

Mentor approval: \_\_\_\_\_

GRADE: PS \_\_\_ PN \_\_\_ PB \_\_\_ NP \_\_\_