UMass CS Departmental Honors Group Advising

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Part 2: CS 499T/P Manuscript Submission
<table>
<thead>
<tr>
<th><strong>Courses</strong></th>
<th>One CS honors course any level (excluding service courses). One CS honors course at the 300+ level. Can also use some 500/600</th>
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<tr>
<td><strong>Research</strong></td>
<td>Honors Thesis or Project advised by a CICS faculty member.</td>
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1. Introduction

What are you researching and why? (2-3 pages)

- General description of your Honors Thesis/Project topic area
- Thesis: Statement of the research problem you focused on.
- Project: Statement of the research system you built.
- Explanation of the significance of the problem you studied or the system you built.
- Explain the importance to the work to the advancement of knowledge in the discipline.
- Overview of the methodology you used.
- Overview of the results you obtained
2. Background

*What have other researchers already written/published on your topic? (3-4 pages)*

- Demonstrate your understanding of the primary literature you covered in 499Y and 499T/P.
- Consult your advisor about what citations style to use and use it consistently.
3. Methodology

How did you conduct your research? (4-6 pages)

- Present a detailed description of the methodology or tools that you used to perform your research. For example, if you built a software system, what is the system architecture, what languages, frameworks, or APIs did you use? If you worked on theory, what key prior results and techniques did you build on? If you did experimental work, describe the experimental designs.
- Describe any specialized training you received to conduct your research (e.g., lab safety certification or human/animal testing), and indicate who provided the training.
4. Results

*What are the results of your research? (5-7 pages)*

- Present a detailed account of the results of your research. If you built a system, describe its properties, performance characteristics, and any other facets that you evaluated. If you worked on theory, describe the results that you proved. If you did experimental work, present the results of the experiments.
- When possible, present your results using tables and graphs with appropriate descriptions.
5. Conclusions

Summarize what has been learned. (1-2 pages)

- Reflect on what was learned during the course of your research and its significance.
- Discuss any limitations of your research or problems that occurred. Is there anything you would do differently if you were to start your research over from scratch?
- Discuss promising directions for future research that could build on your results.
6. References

- List your references in a format appropriate for your sub-area. Consult your advisor for the format you should use.
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499T/P Manuscript Submission

• Talk to your advisor and second committee member (SCM) now about their availability at the end of the semester to review your manuscript.
• Talk to your advisor and SCM about a date for your oral presentation and get it scheduled.
• Work with your advisor to complete your 499T/P manuscript starting now.
• Share the manuscript template with your advisor and refer back to it as you work.
499T/P Manuscript Submission

- Share a draft of your manuscript with your advisor and SCM about two weeks before the last day of classes.
- Work to make any requested changes and re-circulate your manuscript to your advisor and SCM as needed until both approve.
- Email your manuscript to the HPD for review one week before the last day of classes.
- Work to make any changes requested by the HPD and re-circulate your manuscript as needed.
- No later than the last day of classes, upload your manuscript to CHC Paths for final approvals.
- 499P students will also upload their project artifact.
499T/P Manuscript Submission

• If you are graduating this semester, the deadline for submission on the last day of classes is strict for guaranteed on-time graduation clearance.
• If you are only graduating in the Spring, you can submit by the end of the exam period.
• If you go past the grade submission deadline, you will receive a grade of INC (counts as a 0 in your GPA) until your manuscript is approved by the HPD.
CHC Paths Instructions

General Information

Students enrolled in an Honors Thesis of any kind are expected to document their work. This documentation must take the form of a Thesis or Portfolio manuscript conforming to Commonwealth Honors College content and formatting requirements provided at: https://www.umass.edu/honors/curriculum/thesis/formatting.

The final draft of the Thesis document or the Portfolio manuscript should be submitted to the student’s Thesis Committee or Thesis Seminar instructor prior to the oral defense or class presentation. The student’s Thesis Committee or Thesis Seminar instructor must review the entire manuscript, including the title page and abstract, and, if appropriate, any artifacts. All comments, corrections, and requested changes should be incorporated, and approval of the revisions by the Thesis Committee or the Thesis Seminar instructor received, before the student begins the submission process on PATHS.

Digital Files

In preparation for submitting electronic versions of the Honors Thesis document or Portfolio manuscript and artifacts on PATHS, students should refer to the manuscript submission information on the Commonwealth Honors College website at: https://www.umass.edu/honors/curriculum/thesis/formatting.

Submission Deadline: For timely graduation clearance, Honors Thesis documents or Portfolio manuscripts and artifacts should be submitted on PATHS by or before the day of graduation.