

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.