

# Requirements for Honors in Biochemistry

## 1. The written thesis is due Monday April 13, 2020.

**Submission of a thesis will still be required for graduation with Honors, and Clapp Prizes will be awarded.**

The student will submit a written research thesis (minimum length of 10 pages including text and all figures, charts, tables and diagrams) to [Sheila\\_Quigley@brown.edu](mailto:Sheila_Quigley@brown.edu) and the research advisor. The written proposal will be formatted with font size of 11 points or larger Times font and page margins of at least 0.5 inches on all sides. The thesis advisor may read the proposal and make comments and suggestions for improvement. The thesis will consist of the following sections:

1. Title

2. Abstract: A one paragraph summary of the thesis, not to exceed 300 words.

3. Background (2 page minimum): An introduction to the biological question that was addressed in the thesis. This section should be brief. The thesis introduction should not be an exhaustive discussion of the literature, but rather it should highlight the background necessary to understand the small area of the field that will be addressed with the proposed experiments. *It is important to explain why the system, question and approaches proposed are interesting, important, and feasible.*

4. Completed Experiments (4 page minimum): A detailed outline of the completed experiments including a discussion of the results and their interpretations.

5. Conclusions and Perspectives (2 page minimum): A statement of the importance of the thesis work for the field of study.

6. References

7. Appendix (optional): Additional supplemental data, figures, spectra, or other materials.

A link to the 2019 theses can be found below. You can access this site through your Brown email account.

[https://drive.google.com/open?id=1J12XTgLe\\_R-vLsFkoj\\_DyvnUhqVXHq2e](https://drive.google.com/open?id=1J12XTgLe_R-vLsFkoj_DyvnUhqVXHq2e)

## 2. The Senior Talks via Zoom

1. The 15 minute oral defense dates will be in the afternoon on **Monday, April 27, 2020 and Tuesday, April 28, 2020**. Please plan for a 15 minute PowerPoint presentation plus 5 minutes for questions. This will take place through Zoom, more details to follow.

## 3. Grade Point Average

To receive honors, you must have a strong grade record in concentration courses. This means a grade point average for the concentration that is higher than 3.25.

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The Chemistry department undergraduate poster session has been canceled.