Logical Flow of a Typical Experimental Thesis
(The bulleted items typically will not correspond one-to-one with section headings in a thesis. Chapters can be added as necessary for multifaceted project, often encountered in graduate work, in which case there should be a separate conclusion chapter.)

CHAPTER I. INTRODUCTION

- Introductory remarks about importance of your field (broadly defined)
- Historical perspective and context
- Description of general problems and open questions that motivate your area of research
- Summary of relevant work done previously in your group (if you are a part of a larger project).
- Description of problems addressed in your work
- Summary of findings and conclusions (be sure to distinguish between your own work and that of others in your group)
- Outline of thesis content

CHAPTER II. EXPERIMENTAL SETUP

- Description of apparatus and/or computational approaches used by your group
- Description of specific equipment and/or approaches that you developed to enhance previous capabilities
- Details of equipment performance and/or nature of computed outcomes
- Limitations and scope of equipment and/or approach

CHAPTER III. RESULTS

- Measurement results and/or calculations
- Analysis
- Comparisons with expectations
- Conclusions drawn from research (sometimes written as a separate chapter)
- Comments on Impact for Future Work

REFERENCES

APPENDIX (OR APPENDICES) (optional)

- Technical or tutorial items that distract from the logical flow of the thesis