

Detailed Requirements for Theses at the Faculty of Biology and Biotechnology, Warsaw University of Life Sciences (SGGW)

1. Thesis Topics

Theses prepared at the Faculty of Biology and Biotechnology must be experimental and related to the discipline of biological sciences.

2. Structure of the Thesis

2.1 The structure of a bachelor's or engineering thesis prepared in the form of a traditional comprehensive report should include:

- a) - table of contents,
- b) - introduction with a literature review,
- c) - objectives and scope of the thesis,
- d) - methodological assumptions,
- e) - results discussion,
- f) - conclusions,
- g) - references.

The results discussion chapter must include the presentation of research results with elements of statistical analysis and a commentary containing discussion elements. The discussion may be presented in a separate chapter or within the results discussion.

2.2 The structure of a master's thesis prepared in a traditional comprehensive form should include:

- a) - table of contents,
- b) - introduction,
- c) - literature review,
- d) - objectives and scope of the thesis,
- e) - materials and methods,
- f) - results and discussion,
- g) - conclusions,
- h) - references.

The results and discussion chapter must include research results with statistical analysis and commentary with discussion. This commentary may be included in a separate chapter or within the results and discussion section.

3. Thesis Volume

The sections from b) to f) in bachelor's or engineering theses should total a minimum of 25,000 characters without spaces.

The sections from b) to g) in master's theses should total a minimum of 30,000 characters without spaces.

4. Detailed requirements for work carried out in engineering programs

Engineering theses must include practical solutions to technical problems or optimization of technological parameters. These aspects should be described in the literature review, objectives and scope, materials and

methods, and results and discussion chapters. Additionally, about 25% of the abstract should cover engineering aspects, including technical or optimization problems addressed.

5. Citations and References

Citations and references must follow the APA (American Psychological Association) style.

In APA style, a reference in the text includes the author's name (or first author and "et al." for more than two authors) and the year of publication.

Examples:

(Kowalski, 2020) – one author

(Kowalski & Nowak, 2020) – two authors

(Kowalski et al., 2020) – more than two authors

You can also refer to authors directly in the sentence:

According to Kowalski et al. (2020), ...

When citing multiple works at once, list them alphabetically by the first author's surname, separated by semicolons:

(Kowalski et al., 2020; Nowak et al., 2020)

References should be listed alphabetically by the first author's surname. Works by the same author should be listed alphabetically by title.

Example formats:

Scientific article:

Kowalski, A., & Nowak, B. (2020). Title of the publication. *Journal Title*, 1, 1–10.
<https://doi.org/xx.xxxx/xxxxxxx>

Book:

Kowalski, A., & Nowak, B. (2020). *Book Title*. City: Publisher.

Book chapter:

Kowalski, A., & Nowak, B. (2022). Chapter title. In A. Nowak (Ed.), *Book Title* (pp. 1–15). City: Publisher.