

# Final Project Seminar

## Biomedical Engineering, 2012

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# The objective of BSc thesis

- To demonstrate the ability of solving given problem in the field of Biomedical Engineering
- Problem provided by the supervisor
- Individual/team work
- No need of novelty

# Types of dissertations

- Theoretical (MSc, PhD)
- Experimental (BSc, MSc, PhD)
- Review (Habilitation)

# Thesis content

## (formal requirements)

- 1. Title page
- 2. Abstract (1 page, also abstract in PL),
- 3. Acknowledgement (option),
- 4. Content,
- 5. Thesis body,
- 6. Conclusion/Summary,
- 7. References,
- 8. Appendix (option),
- 9. Anti-plagiarism statement.

# Title page

- Thesis title
- Author's name
- Supervisor's name, title and affiliation
- Publication year

# Abstract

- 1. One page (EN and PL separately)
- 2. Short problem description
- 3. Motivation,
- 4. Brief presentation of applied approach,
- 5. Short description of results obtained, including individual contribution

# Thesis body (1)

- 1. Introduction (problem statement, motivation, work objective, proposed solution, thesis structure)
- 2. State of the art (reference review, might be brief in the case of BSc thesis)
- 3. Materials (description of e.g. signals, images, chemical compounds) and methods (algorithm, procedures, experiments, technologies)

# Thesis body (2)

- 4. Results (description of what was achieved)
- 5. Discussion (critical analysis and comparison of obtained results: assumptions, accuracy [measurements], feasibility, recommendations for future works)
- Conclusion/Summary (most important results, achievement of work objectives, individual contribution, future works)



# References

- [1] G. Gambarelli, Z. Łucki, How to prepare BSc or MSc dissertation, Universitas, Kraków 1998.
- [2] Y. Okumura, Field Strength and Its Variability in VHF and UHF Land-Mobile Radio Service, IEEE Trans. On Radiowaves, vol. 16(4), pp. 825–873.
- [Kowalski 1998] Classification of heart masses in echo images, Proc. of ICSES 1998, vol. 2, pp. 123-132
- [3] [www.jasio.pl](http://www.jasio.pl) [accessed November 2012]

# Anti-plagiarism statement

1. **the act of plagiarizing, a piece of writing that has been copied from someone else and is presented as being your own work**  
[Wordnet Dictionary]
2. **to "plagiarize" means** [Merriam-Webster Online Dictionary]
  - to steal and pass off (the ideas or words of another) as one's own
  - to use (another's production) without crediting the source
  - to commit literary theft
  - to present as new and original an idea or product derived from an existing source
3. **Internet resources also must be credited !!!!**
4. **Plagiat.pl – compulsory checking of each dissertation at the Faculty of EECCE**