



**STANDARDS FOR DIPLOMA THESES**  
**at the Faculty of Earth Sciences and Spatial Management**  
**Nicolaus Copernicus University in Toruń**

- 1. Diploma (bachelor's, engineer's or master's) thesis is an original written work** presented in the form of a formatted text file or a research article deposited in the Archive of Diploma Theses (ADT). The work is written by a student under the supervision of a selected supervisor on a topic related to the field of study.
- 2. The thesis is written in Polish or English.** At a student's request, and upon the supervisor's positive opinion, the dean may authorise the thesis to be written in another language.
- 3. The diploma thesis** should contain a clear statement of the original research or practical problem, an explanation of the method of solving the posed problem (e.g. the methods, techniques or research tools used) and a description of the main theses of the work (problems, phenomena) with reference to the basic literature on the subject and with own analysis, synthesis and discussion of the obtained results.
- 4. The diploma thesis should constitute a coherent whole.**
- 5. Requirements for a bachelor's thesis:**
  - It should meet the following requirements in terms of the objectives and assumed learning outcomes:
    - demonstrate the skills of producing a written work, including formulating the purpose of the work, developing the content of the work and conclusions,
    - demonstrate knowledge of the basic literature on the subject, the ability to select and utilise it, including the correct citation of sources,
    - demonstrate the ability to analyze and synthesize basic theoretical and practical problems.
  - It should solve the problem based on the literature on the subject or on the literature and own research.

## **6. Requirements for an engineer's thesis:**

- It should address a practical solution to a specific problem in the field of spatial management, utilising engineering methods and/or tools employed in the planning and design of spatial structures.
- It should consist of: a descriptive part (formatted text file) and an attachment or attachments: at least one board presenting the results of analyses and/or the developed solution to the problem that is the subject of the work.
- The descriptive part should meet the following requirements in terms of objectives and assumed learning outcomes:
  - the skills of producing a written work requiring an engineering approach and the use of technical means,
  - demonstrate knowledge of the basic literature on the subject, the ability to select and use it with correct citation of the sources,
  - include a discussion of methods/techniques and tools appropriate to the problem, scope and implementation of the objective of the work,
  - contain elements of the application of computer or quantitative methods/techniques and tools to solve an engineering or managerial problem.

## **7. Requirements for a master's thesis:**

- It should meet the following requirements in terms of the objectives and assumed learning outcomes:
  - the skills of producing a research work, in particular in terms of justifying the research purpose, research questions or research hypotheses;
  - demonstrate knowledge of the literature on the subject, the ability to select and use it, and to undertake critical analysis and discussion in the scope of the research problem;
  - demonstrate the ability to analyze and synthesize theoretical and practical problems, paying attention to noticing regularities occurring within the studied phenomena;
  - demonstrate the ability to apply research methods appropriate to natural and social sciences (e.g. conducting research using measuring equipment, quantitative and qualitative methods) and to describe observed phenomena using scientific language, as well as to search for information contained in source documents.
- It should contain the following parts: theoretical-methodological (containing an analysis of the problem in light of the literature and a description of the research method used), empirical (presenting the solution to the research problem), and

synthetic (presenting conclusions). The exact structure of the chapters should be subordinated to the topic of the work.

- The list of literature on the subject should include bibliographic entries that demonstrate sufficient knowledge of the researched topic, and the use of both Polish and foreign literature is recommended.
  - Arguments conducted using terminology appropriate to the subject matter should be substantively relevant, logical, and the language should be precise and clear.
- 8. The layout of a thesis should be logical and consistent with the topic.** The thesis should consist of the following elements: title page (according to the applicable template), table of contents, main text (including introduction and summary), bibliography, and, in the case of engineering theses and, if necessary, other works, appendices (e.g., boards, research tools).
- 9. The volume of the diploma thesis in the form of a formatted text file** (except for works in the form of an article):
- **a bachelor's thesis** should be between 30 and 60 pages long (excluding attachments);
  - **the engineer's thesis** should consist of 30 to 60 pages + board(s) and other optional attachments;
  - **The master's thesis** should be between 50 and 100 pages long (excluding attachments).
- 10. General editorial requirements for a diploma thesis** (except for theses in the form of an article):
- the work is in the form of a formatted text file in PDF format, attachments (e.g. boards) can be added in separate files,
  - A4 format, 2.5 margins on all sides,
  - font 12 pt, indentation of the first lines of paragraphs, spacing between lines – 1.5 lines, no spaces between paragraphs,
  - each new chapter should start on a new page,
  - continuous page numbering.
- 11. Detailed editorial requirements for the thesis,** including the method of citing the literature, the structure of the content, and the form of the list of tables, figures, and appendices, are determined by the thesis supervisor.
- 12. Formal requirements for a diploma thesis in the form of a research article:**
- an article can have a maximum of three authors;

- the student is the first author of the article and his/her share in the publication must be at least 50% (if the declaration of the authors' contribution is not an integral part of the article, the student attaches to the PDF file of the article deposited in ADT a declaration signed by all co-authors providing quantitative and descriptive information about the contribution of individual co-authors to the creation of the article);
  - the article is published in a peer-reviewed research journal included in the ministerial list of journals in the calendar year preceding or in the year of approval of the topic of the thesis;
  - the article must be published (may be only digitally) or accepted for publication; the student confirms that the article has been accepted for publication by attaching proof of acceptance to the application for initiation of the diploma procedure, e.g., an email from the editorial office;
  - **the general editorial and volume requirements for a diploma thesis in the form of an article are determined by the editorial office of the journal;**
  - before placing a diploma thesis written in the form of an article in the ADT, **it is necessary to add a title page** (in accordance with the applicable template) and (if necessary) a declaration of the authors' contribution.
- 13. The thesis** is evaluated by both the supervisor and the reviewer. A thesis written in the form of an article cannot be reviewed by a co-author of the article.
- 14. The content of each diploma thesis is checked by an anti-plagiarism system .**
- 15.** Any use of **generative artificial intelligence tools** in the process of writing the thesis (including gathering information, translation of source information, planning the content layout, proofreading, creating graphics) requires the supervisor's consent and placing a declaration containing the name of the AI tool or tools used, as well as a description of the method and purpose of their use at the end of the thesis (and in the case of figures – also directly below them), according to the template.
- 16.** The standards apply to the theses whose topics were accepted starting from 2026.

Approved by the Dean's Council on October 30, 2025.

Dean  
 (-) Dr hab. Marcin Świtoniak, prof. NCU