



BSc and MSc Diplomawork contents and formal requirements

BSc: The **Diplomawork assignment** covering the topics of both the **Preparatory Course for Bachelor Thesis project** (BMEEODHA-PT) and the **Bachelor Thesis project** (BMEEODHA-PS). The title of the completed thesis is **Diplomawork**, the **Diplomawork presentation** has to be done during the Final Exam.

MSc: The **Diplomawork assignment** covering the topics of **Master Thesis project** (BMEEODHMT-D). The title of the completed thesis is **Diplomawork**, the **Diplomawork presentation** has to be done during the Final Exam.

Formal requirements:

The documentation of the Diplomawork prepared for submission has to be compiled by the following requirements:

- The Diploma work has to be submitted in two identical hard copies with black cover.
- On the cover the has to be written: DIPLOMAWORK for both BSc and MSc thesis.
- On the left lower corner of the cover the name of the student and the year has to be written.
- The allowed maximum pages of the body of the documentation is 120 pages for BSc and 100 pages for MSc thesis; including appendix 150 (BSc) and 130 (MSc) pages are the maximum.
- Minimum required pages are 80 (BSc) and 70 (MSc).
- Font: Times New Roman (or similar shape and size), 12 points, single line spacing.
- The chapters need to be numbered. Maximum four levels of sub chapters are preferred.
- The figures, pictures, tables, diagrams need to be numbered (e.g. Figure 5.1: Statical system.) and has to be referred in the text (e.g. „The statical system is shown in Figure 5.1.”)
- The referred equations and formulas has to be numbered in bracket on the right side of the page together with the chapter number (e.g. chapter#.equation #: 3.1). The reference for the formula in the text is: “based on the equation (3.1)”.
- The references has to be numbered and referred by the numbers in square bracket [1] in IEEE style (<http://www.ijssst.info/info/IEEE-Citation-StyleGuide.pdf>). The last chapter of the diploma work should be the list of references. As an alternative the APA style reverences are



acceptable as well, referred by the Author and the year of publication (e.g. Smith. L. 2018) (https://www.waikato.ac.nz/__data/assets/pdf_file/0014/236120/apa-quick-guide.pdf)

- The chapter of the study (design project) or the literature review (research project) should not exceed the 30% of the thesis.
- The design plans have to be signed by the student and also by the department consultant (the signature of industrial consultant is not compulsory). The department consultant signature prove the acceptance of the drawing.

Content requirements:

The Diploma work should contain the follows (printed in the following order):

- Diplomawork assignment, which contains the title of the diplomawork, date of issue, the signature of the head of the specialization and the Dean and the detailed tasks.
- One page summary of the diplomawork.
 - name of student,
 - title of the diplomawork and the code,
 - name, affiliation, place of work of consultants,
 - date of submission,
 - 30-40 line summary (fonts: 12 pts, single line spacing).
- Content list with page numbers.
- In case of design project (BSc or MSc):

Content	BSc	MSc
<ul style="list-style-type: none"> - study, - preliminary calculation for the two structural version, - preliminary plans for the two structural versions, - technical description for the two structural versions, - comparative study of the two structural versions. 	Preparatory Course for Bachelor Thesis project	Master Thesis project
<ul style="list-style-type: none"> - detailed calculation of one structural version, - content list for the drawings related to the detailed calculation. - technical and constructional description, - references, - general plan and detailed drawings. 	Bachelor Thesis project	



- In case of research project (MSc):
 - literature review,
 - research strategy, aims and methods of the research,
 - detailed description of the completed analysis,
 - documentation of the analysis results,
 - summary of results and evaluation of the results,
 - references.
- Diplomawork diary, with the following contents:
 - modification of the diplomawork tasks (if any)
 - details of the tasks given by the consultant,
 - acceptance of the diplomawork proved by the signature of the department consultant.

Diplomawork submission in digital format:

Diplomawork has to be submitted in digital format on CD/DVD with the following contents:

- the whole diplomawork submitted in hard copy,
- drawings,
- one page summary in pdf

The CD/DVD may contain additional appendixes, however these files should not belong to the main body of the diplomawork. The hardcopy should be understandable without the additional files of the CD/DVD. Additional appendixes can be (e.g.):

- detailed results of the numerical analysis,
- FE models or results.

The recommended file format on the CD/DVD is the pdf, or files format not directly editable (e.g. Axis VN viewer, BIM viewer, etc.). Acceptable further file formats: Word (doc, docx), Excel (xls, xlsx), MathCad (mcd, xmcd), AutoCad (dwg, dxf).

The digital format of the diplomawork has to be identical with the hard copy (The reviewer report will be performed based on either the hard copy or the digital format). This rule concerns on all contents listed in chapter „Content requirements” (diplomawork assignment, plans, calculations, technical descriptions, diplomawork diary, etc.) If any difference is found in the hard copy and the digital format it will be evaluated by the review.

Further notice:

- The department store the diplomawork only in electronic format.
- The two hard copy handed back to the student after the final exam.



- The diplomawork diary and the folded plans should be place in the inner back pocket of the hard copy.
- Two separate volumes of the diploma work (one volume for the documentation and one for the plans) are not recommended, however, it will be accepted for submission only if they are attached together in one folder.
- The file of the one page summary should be named as follows:
<registry nr. (use „_” instead of „/”)>-<Student name (identical as written on the diplomawork assignment)>-<title of the diplomawork (shortened if necessary)>.pdf
Pl: BSc-SP-X-001-16_17_2-Student Name-Design of an RC bridge.pdf
- After burning the CD/DVD please check if the files any damage happened to the files.

Budapest, 2018.09.03.

Dr. Kovács Nauzika
Co-ordinator of diplomawork students