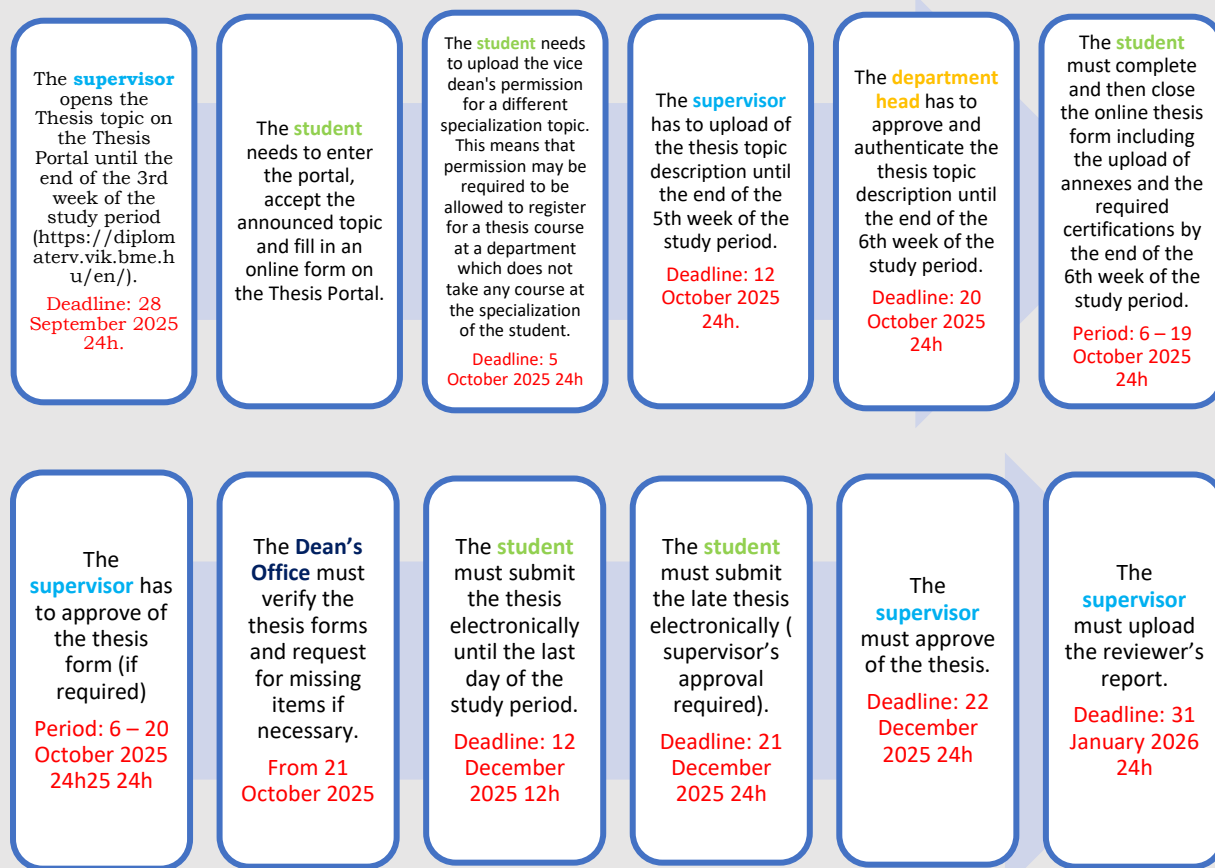


BSc STUDY PROGRAM

(Last enrolment: 2021 fall)

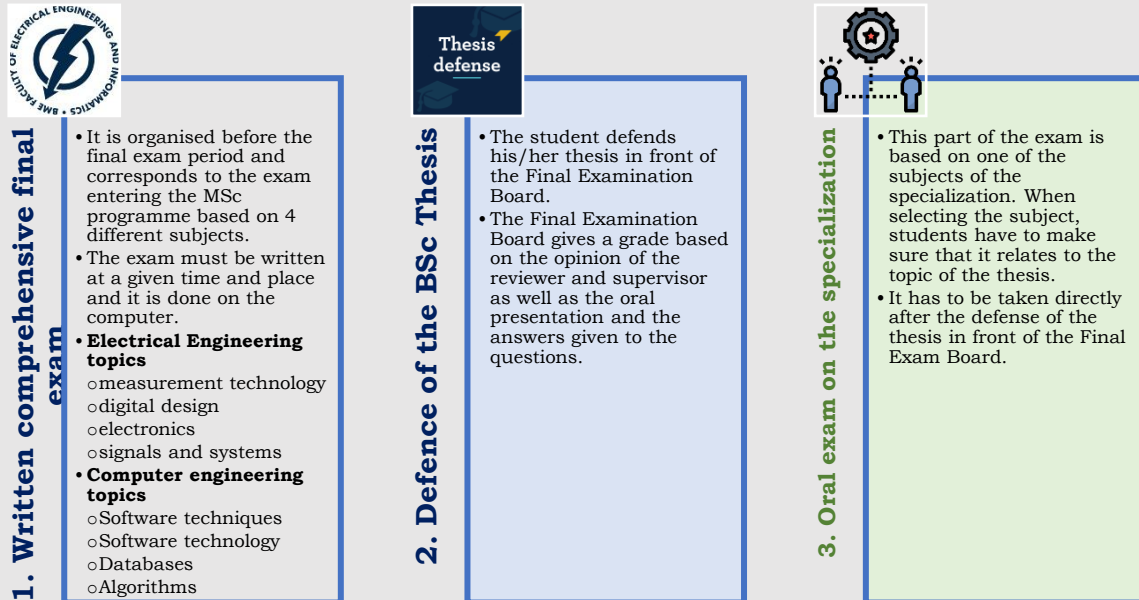
STEP BY STEP PREPARATION OF THE BSC THESIS ON THE PORTAL

<https://diplomaterv.vik.bme.hu/en>



FINAL EXAMINATION

STRUCTURE OF THE FINAL EXAM



1. Written comprehensive final exam

It is organised before the final exam period and corresponds to the exam for entering the MSc programme based on 4 different subjects.

Electrical Engineering

- measurement technology
- digital design
- electronics
- signals and systems

Computer engineering

- Software techniques
- Software technology
- Databases
- Algorithms

The result of the comprehensive exam cannot be changed.

2. Defence of the BSc Thesis

The student defends his/her thesis in front of the Final Examination Board.

The Final Examination Board gives a grade based on the opinion of the reviewer and supervisor as well as the oral presentation and the answers given to the questions.

3. Oral exam on the specialization

This part of the exam is based on one of the subjects of the specialization. When selecting the subject, students have to make sure that it relates to the topic of the thesis.

It has to be taken directly after the defense of the thesis in front of the Final Exam Board. The parts of the final exam (defense, subject exams) are independent of each other, their order is arbitrary, and the results (grades) or failure of each part have no effect on the conduct or results of the other parts of the exam.



- Students may take the finals after they have obtained their leaving certificate.
- The final examination may be taken in the exam period after the leaving certificate (absolutorium) was obtained both within the framework of the student's legal status and after its expiry within a period of two years in any given exam period.
- The faculty designates a final examinations period in Neptun, for which the students can register. Final examination can be taken in both semesters, usually in the last 3 weeks of the exam period.
- Students may cancel their registration by no later than 24 hours prior to the start of the final examinations in person or by sending an e-mail to the department organising the final examinations. The reason for the absence from the finals must be verified within eight days.
- The department announcing the thesis topic is responsible for the organization of final exams.
- A thesis graded as failed may be repeated once by submitting a new bachelor thesis. The earliest time for taking another final examination is the next final examinations period.
- If only one of the exams in the final examination subjects was unsuccessful, the examinee only has to sit a retake exam in that subject. There is an option for a repeated retake exam after an unsuccessful retake exam.
- The results of the final examinations (RFE) are calculated as follows:
 - $0.5 \times \text{AGS} + 0.5 \times \text{T}$, where AGS is the average of the grades of the subjects of the final examinations and T is the grade given for the bachelor thesis.

- The final exam is unsuccessful if any of the grades obtained in the final exam are failed
- The following formulas must be used for the calculation of the degree certificate result:
 - $0.2 \times \text{AGS} + 0.3 \times \text{T} + 0.3 \times \text{GPA} + 0.2 \times \text{CE}$ if the curriculum also prescribes the completion of comprehensive exam(s) during the studies,
 - $0.2 \times \text{AGS} + 0.3 \times \text{T} + 0.5 \times \text{GPA}$ if the curriculum does not prescribe the completion of comprehensive exam(s) during the studies,

where CE is the mathematical average of the comprehensive exam grades required for the degree certificate, GPA is the cumulative grade point average for the whole of the study period

- The qualification of the diploma can be:
 - excellent (5)
 - good (4)
 - satisfactory (3)
 - sufficient (2)
 - failed (1)