MSc degree program in Electrical Engineering

Semester structure:

**1st semester (32 credits)**, 22 h/week:
- Advanced mathematics 2/1/0/m/4
- Common subject 3/0/0/m/4
- Main specialization subject 2/1/0/m/4
- Secondary specialization subject 2/1/0/m/4
- Free elective 2/0/0/m/2

**2nd semester (30 credits)**, 18 h/week:
- Main specialization laboratory 0/0/3/m/4
- Secondary specialization lab. 0/0/2/m/2
- MSc thesis work 2 0/10/0/m/20

**3rd semester (30 credits)**, 25 h/week:
- Power system operation and control 2/1/0/e/4
- Protection systems and measurement tech. 2/1/0/e/4
- Electric energy market 2/1/0/e/4
- Lab. on multimedia systems & services 2 0/0/3/m/4
- Lab. on multimedia systems & services 2 0/0/2/m/4

**4th semester (28 credits)**, 28 h/week:
- Electric Power Systems laboratory 1 0/0/3/m/4
- Electric Power Systems laboratory 2 0/0/3/m/4
- Control Engineering & Image Processing Laboratory 0/0/3/m/4
- Applied Computer Systems Laboratory 0/0/3/m/4
- Free elective 2/0/0/m/2

**Thesis defense sessions** Organized during the last exam period. Includes presentation of thesis work, discussion, oral exam in two subjects.

**Remark:** This roadmap is for information purposes only, without contractual value. Content is subject to change without notice.

**Aadmission information:** Application is on-line. Pieces to submit/upload [notarized English translation for official documents]; application form (on-line); passport copy; proof of English language proficiency (minimal requirements: TOEFL IBT score of 90, PBT score of 550; Cambridge First Certificate 'B', IELTS score of 5.0); official transcripts, degrees or diplomas of any higher education already completed; proof of payment of the application fee, curriculum vitae (autobiography/résumé).

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**Legend:**
- Subject title
- ECTS credit 1 credit represents 30 working hours
- Subject code as in the Nep-tus system
- Requirement: m - mid-semester mark
- e - exam
- number of similar subjects
- OR specialization block
- weekly hours lectures/ classroom practices

**Remarks:** Project lab. and MSc thesis work 1-2 must be related to the main or secondary specialization. One subject in the common subjects block and two subjects from the advanced mathematics block are determined by the main specialization. Subjects from remaining specialization blocks can be selected as free electives.

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