MSc degree program in Computer Engineering

4 semesters, 120 credits, starts: Spring, valid from 2016

REMARKS:
- Project lab. and MSc thesis topics 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.

SUBJECT LEGEND

- Subject title
  - 3/1/1/m/5
  - Subject code
    - BMECode

- credit value according to ECTS – 1 credit represents 30 work hours

- number of similar subjects OR specialization block
- requirement
  - m – mid-semester mark
  - e – exam

- subject code as in the Neptun course management system

- fundamentals in natural sciences
- economics & humanities
- secondary specialization studies
- free electives
- main specialization studies
- common courses

SMART CITY
- Sensor networks and applications
  - 2/1/0/e/4
  - BMETMMA09

- Intelligent traffic systems
  - 2/1/0/e/4
  - BMETMMA10

- Human-machine interface
  - 2/1/0/e/4
  - BMETMMA11

CLOUD AND PARALLEL SYSTEMS
- Cloud computing
  - 2/1/0/m/4
  - BMETMMA03

- GPGPU applications
  - 2/1/0/e/4
  - BMETMMA02

- High performance parallel computing
  - 2/1/0/e/4
  - BMETMMA04

- Parallel programming laboratory
  - 0/0/3/m/4
  - BMETMMA05

DEFENSE SESSION
- THESIS DEFENSE SESSION
  - Organized during the last exam period.

- Includes presentation of thesis work, discussion, oral exam in two subjects.

- Conditions for admission apply.

ADMISSION INFORMATION: application is on-line. DEADLINE: November 15 (late applications are rejected). 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).

MSc degree program roadmap. See www.vik.bme.hu/en for more details and regulations. Last updated: 29 March, 2017

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