**Electrotechnics 2 (ECTS: 7)**

Language: the course is offered in English, Serbian and Hungarian.

**Course description:**

The aim of the course is to give an insight into the phenomena in the electromagnetic field. The course covers the concepts of the static electrical field, static magnetic field and the electromagnetic field generated by time variable currents. Special attention is paid to magnetic circuits and the rotating magnetic field.

**Aims:**

# to understand phenomena which appear in the electromagnetic field,

# to be able to apply basic laws of the theory of the electromagnetic field,

# to be able to make simple calculations of electromagnetic systems,