Title of the course: **Informatics II.**	NEPTUN-code: RMXIN2EBNE	Weekly teaching hours: *l+cw+lb* 0+0+3	Credit: 4 Exam type: *tm*
Course leader: Eszter Kormány, Dr.	Position: senior lecturer	Required preliminary knowledge: RMEIN1ABNE	

Curriculum:
In the framework of the course the basics of database manipulation and programming are covered. With the aid and application of MS Access one will be able to construct and manipulate databases. The course introduces database design, normalization steps, creation of tables, setting of keys and relations. Queries and reports are also included. The use of the SQL is part of the course as well.   The course covers the basis of programming and means of algorithm description as well as their usage. One will have the opportunity to create simple algorithms and functions for MS Office applications.

Professional competencies:
In possession of state-of-the-art IT skills, being able to use professional databases and certain design, modelling, and simulation software depending on their specialty. Adequate perseverance and endurance of monotony to perform practical operations.

Literature:
1. PPT files on the homepage of Moodle learning system
Comment: The ppt files are continuously renewed according to the new literature data.