**Operation Systems (ECTS credits: 6)**

Language: the course is offered in Serbian and Hungarian.

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**Course description:**

Students are introduced tothe basic principles relevant for operation system, computing resources and specificities of some widely used operating system. The course covers the following topics at an introductory level: Basics of a mono-processor system, Comparison with a multi-processor system, Basic modules of an operating system, Processes, Memories, Scheduling, File-systems, Input-Output system, User interface, Security issues, Network environment, Distributed systems.

**Aims:**

The goals and outcomes of the course: after completing the course, students will be aware of factors relevant to the choice of an operating system and they should be both able to use a particular operating system in daily practice and to adapt it to their needs.