Course title: Information Systems

Course code: 63714

ECTS: 6

Professor: Damjan Vavpotič

<u>Undergraduate</u>/ **master program**

Prerequisite knowledge:

No explicit courses are pre-requisites for attending this course. Basic knowledge of computing principles and programming are recommended.

Short course description:

Nowadays information systems are present literally at every step. We use information systems at shops, bus stations, cinemas ... not to mention various information systems accessible via the Internet. Behind a more or less friendly user interfaces there are complex systems that collect, process, store and distribute data. Information systems play a key role also in enterprises. Not only that enterprises use information technologies to support their existing business processes, but more importantly the introduction of information technologies allows for significant improvements of these business processes and even introduction of a completely new business models that result in a significant competitive advantage for such enterprises.

The course will introduce the key types of business information systems (e.g. ERP, SCM, CRM, …), the information technologies supporting the operation of information systems, association of modern information systems to business processes, importance of business information architecture, etc. Labs will teach you the basic implementation concepts of the information systems using modern development environments. The course Information Systems provides a fundamental knowledge for understanding modern information systems and for successful professional work in the field of business informatics.

Although lectures are delivered in Slovene, the study materials for ERASMUS students, as well as seminar assignments and examinations, are provided in English. All communication with ERASMUS students is conducted in English.