



TITLE OF THE COURSE:	INFORMATION SYSTEMS
Course code:	INF3006
Course group:	C
Faculty:	Informatics
Study program:	Informatics Systems
Level:	<i>Bachelor's</i>
Semester:	<i>Autumn</i>
ECTS credits:	6
Language of instruction	English
Course lecturer/s:	Prof. dr. Vladislav V. Fomin
Short course description:	The aim of this course is to introduce fundamentals of information system (IS) theory and give students knowledge on organizational context for IS development and use. The following concepts are introduced in the course: information system; organizational system, control process; analysis of information requirements of organization; classification and structure of IS; IS life cycle; IS planning and development; IS design methods; Security of IS.
Course content:	<ol style="list-style-type: none"> 1. Fundamentals of System Theory. 2. Organizational system. 3. Organizational System Control Process. 4. Classification and Structure of Information System. 5. An analysis of information requirements of the organization 6. Life Cycle of the Information Systems. 7. Integrated Information systems (ERP). 8. Design of Information Systems. 9. Security of IS
Grading and evaluating student work in class and/or at the final exam:	Final written exam (50%) mid-term written exam (20%), assessments of laboratory (practical) work (30%)
Required reading and additional study material	1) Lucey, T. (2009). Management Information Systems (8th ed.). London, UK: DP Publications limited.



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	<p>2) Gallagher, J. (2012). Information Systems: A Manager's Guide to Harnessing Technology.</p> <p>3) Laudon, K. C., & Laudon, J. P. (2010). Management information systems: managing the digital firm (12th ed.).</p>
<i>Additional information (if applicable)</i>	