

COURSE DESCRIPTION

Academic year: 2025/2026	
University: Comenius University Bratislava	
Faculty: Faculty of Management	
Course ID: FM.KIS/273AM/21	Course title: Management Information Systems
Educational activities: Type of activities: lecture / seminar Number of hours: per week: 2 / 2 per level/semester: 28 / 28 Form of the course: on-site learning	
Number of credits: 7	
Recommended semester: 2.	
Educational level: I., II.	
Prerequisites:	
Course requirements: Type of Activities: 2 hours lectures and 2 hours seminars Number of Hours: 4 hours per week Per Week; Per Level/Semester: Form of the Course: Full time / Combined Method During the semester final test for 20 points. Score of 80 points will be given for the semester project. Scale of assessment (preliminary/final): 80/20	
Learning outcomes: Information Systems Management course will provide students with an overview of the effectiveness of information systems and their key role in managing an organization. It focuses on establishing an information system framework and examining the ways in which systems supporting an organization's business functions are integrated and used for decision-making at the operational, tactical, and strategic levels of the company. Students will acquire the skills necessary to select, implement, and effectively use information systems to optimize organizational processes and support strategic management. The course will also demonstrate how modern information technologies enable organizations to achieve competitive advantage , while also focusing on new and emerging technologies that are shaping the future of information systems. Emphasis is placed on a practical understanding of the use of information technologies and their contribution to effective management, which will give graduates the ability to analyze and implement quality information systems to increase the performance and competitiveness of an organization. g the examination of various types of organizational information systems will be an exploration of emerging technologies that drive these systems. This course provides the student with the knowledge and skills necessary to understand and use information technology effectively and shows how information technology provides organizations with a strategic competitive advantage.	
Class syllabus: Week 1: Introduction to Information Systems Management Week 2: Information Systems Strategy and Planning	

Week 3: IT Infrastructure and Architecture
 Week 4: Data Management and Database Systems
 Week 5: E-Business and E-Commerce
 Week 6: Cybersecurity and Data Protection
 Week 7: Decision Support Systems (DSS)
 Week 8: Enterprise Resource Planning (ERP) systems
 Week 9: IS Project Management
 Week 10: Social Media and Digital Transformation
 Week 11: Innovations in information systems and the environmental aspect
 Week 12: IS Performance Evaluation
 Week 13: Final review

Recommended literature:

- [1]. James A. O'Brien, Northern Arizona University, George M. Marakas, University of Kansas: Management Information Systems, 10/e, ISBN: 0073376817, Copyright year: 2011, http://highered.mcgraw-hill.com/sites/0073376817/information_center_view0/
 Strana: 5 [2]. Ken Laudon, Jane Laudon: Management Information Systems, 12th Edition, ISBN-10: 0-13-214285-6, ISBN-13: 978-0-13-214285-4, Published by Prentice Hall, © 2012, Pub. Date: Jan 4, 2011, <http://www.pearsonhighered.com/laudon/>
 [3]. Natalia Kryvinska, Michal Greguš: SOA and its Business Value in Requirements, Features, Practices and Methodologies, Univerzita Komenského v Bratislave, 2014, ISBN 978-80223-3764-9
 [4]. Michal Greguš, Natalia Kryvinska: Service Orientation of Enterprises – Aspects, Dimensions, Technologies, Bratislava: Comenius University, 2015. ISBN: 978-80-223-3978-0
 6. Other REFERENCES
 [5]. Kathy Schwalbe: Information Technology Project Management, Course Technology, Fifth edition, 2008, ISBN 978-0324665215
 [6]. Laudon, Kenneth C., Laudon, Jane P.: Management Information Systems: Managing the Digital Firm, 17th ed.. 15 United Kingdom: Pearson Education Ltd, 2022. Text.

Languages necessary to complete the course:

English

Ethics:

The syllabus lists knowledge, skills, competences and transferable skills that the students will acquire by successfully completing the course. These will impact on their personal development and can be used both in their future careers and in their lives as active citizens in democratic societies.

Following the provisions of Internal Regulation of the Comenius University Bratislava - Internal system of ensuring the quality of higher education of the Comenius University Bratislava, *each student consistently achieves his/her study results honestly during his/her studies; does not cheat or use dishonest procedures during any form of verification of his study knowledge and knowledge.* Cases of violation of this provision can be assessed as a violation of obligations arising from legal regulations (...). Such an assessment may be associated with applying relevant legal consequences on an academic, (...) or disciplinary level.

Following the provisions of Internal Regulation of the Comenius University Bratislava - Disciplinary regulations of the Comenius University Bratislava for students, *a student's disciplinary offence is any form of writing off or illegal cooperation or hinting during the written or oral evaluation of study results (knowledge verification) or during preparation for it within the course, or the use of technical devices or any information carriers in a way other than permitted during the written or oral evaluation of study results (knowledge verification) or*

during preparation for it within the subject. Some of the disciplinary measures may be imposed on the student for a committed disciplinary offence: reprimand, conditional expulsion from studies or expulsion from studies.

Notes:

Past grade distribution

Total number of evaluated students: 136

A	ABS	B	C	D	E	FX	M
41,91	0,0	27,21	19,85	4,41	0,0	5,15	1,47

Lecturers: Mgr. Vincent Karovič, PhD., Mgr. Eva Ticina

Last change: 02.02.2026

Approved by: prof. Mgr. Anna Lašáková, PhD.