



1.	Course title	Management Information Systems
2.	Course code	F18L3W027
3.	Semester	7
4.	Unit offering the course	Faculty of Computer Science and Engineering
5.	ECTS	6
6.	Goals of the study programme	
	After completing the course, the students will have knowledge about the different types and usages of management information systems.	
7.	Contents of the study programme	
	Business models and competitive strategies, link between the company organizational structure and the information structure, types of organization structures. Goals of business and e-business systems. The need for management and types of management within a company, especially for managing information systems (IS), digital organization, security management and IS ethics. The contribution of IS for a company, on a strategic, competition and operating level. ICT infrastructure and its impact on IS development within a company, massive information systems. Key applications and paradigms, and how they relate to a company's strategic goals (e.g. profit centers, user optimization, customer satisfaction, etc.). The digital era and its impact on IS in companies (globalization, personalization, being involved). Decision support systems, knowledge management systems. Trends and challenges in information system management.	