1.	**Course title**	Intelligent Information Systems
2.	**Course code**	F18L3S106
3.	**Semester**	8
4.	**Unit offering the course**	Faculty of Computer Science and Engineering
5.	**ECTS**	6
6.	**Goals of the study programme**	
	After completion of the course the student is expected:-	
7.	**Contents of the study programme**	
	Course topics: Introduction to web mining - content, structure and usage mining; Extracting knowledge from web content; Sentiment analysis (extracting user attitudes, opinions, mood, emotions); Recommender systems - collaborative filtering; Personalization based on User profiling (demographics, status, similarity); Analysis of social behavior of individuals and social groups; Extracting knowledge from social networks; Detecting anti-social behavior; Challenges in integration of diverse knowledge; Deep and reinforcement learning for web data analysis; Application domains: social analytics, commercial platforms such as auction and e-commerce	