



1.	<b>Course title</b>	Data Science Project Management
2.	<b>Course code</b>	ITMS07
3.	<b>Semester</b>	10
4.	<b>Unit offering the course</b>	Faculty of Computer Science and Engineering
5.	<b>ECTS</b>	6
6.	<b>Goals of the study programme</b>	
	During this course the students will be introduced with basic and advanced concepts that are used for managing and implementing data science projects. The students will be introduced to the concepts and the terminology used in data science applications areas such as business intelligence, data mining, data processing and model building, starting from problem understanding, client and business communication and going through the phases of development such as planning, implementations, moving the models to production environment and maintenance of the models.	
7.	<b>Contents of the study programme</b>	
	1. Basic data mining, business intelligence, data processing and modeling concepts 2. Defining the goals of the project, understanding the business 3. Project planning 4. Data acquisition, verification, visualization and quality control 5. Data selection, feature generation, feature and data importance 6. Building models, advanced concepts of modeling, model versioning and moving to production 7. Model maintenance 8. Transparency and explainability concepts used in Data Science	