![University of Niš logo]	# UNIVERSITY OF NIŠ	
Course Unit Descriptor	**Faculty**	Faculty of Mechanical Engineering

GENERAL INFORMATION

Study Program	**Mechanical Engineering**
Study Module (if applicable)	-
Course Title	Database
Level of Study	☒Bachelor ☐ Master's ☐ Doctoral
Type of Course	☐ Obligatory ☒ Elective
Semester	☒ Autumn ☐ Spring
Year of Study	III
Number of ECTS Allocated	6
Name of Lecturer/Lecturers	Dragan Mišić
Teaching Mode	☒ Lectures ☐ Group tutorials ☐ Individual tutorials ☒ Laboratory work ☒ Project work ☒ Seminar ☐ Distance learning ☐ Blended learning ☐ Other

Purpose and Overview (max. 5 sentences)

After successful completion of this course, a student will have basic knowledge of databases, have insight in their role in modern business applications, as well as in contemporary methods for processing large amounts of data.

Syllabus (brief outline and summary of topics, max. 10 sentences)

Basic concepts and characteristics of data model. Relational data model. Logic and physical data independence. Database systems. Classification and constraint types in relational modal. Normal forms. Structured Query Language (SQL).

Language of Instruction

☒Serbian (complete course)   ☐ English (complete course)   ☐ Other _____ (complete course)

☐Serbian with English mentoring   ☐Serbian with other mentoring _____

Assessment Methods and Criteria

Pre exam Duties	Points	Final Exam	Points
Activity During Lectures	10	**Written Examination**	40
Practical Teaching		**Oral Examination**	

Teaching Colloquia	50	Overall Sum	100

*Final examination mark is formed in accordance with the Institutional documents