



## Databases (SE-015) (ANDMEBAASID)

### SUBJECT DESCRIPTION

<b>Credits (ECTS)</b>	4.00 ECTS
<b>Assessment</b>	grading
<b>Aim of the subject and short description</b>	
Database architecture. Structured query language (SQL), creating SQL queries. Introduction to most popular databases. Database study on the example of PostgreSQL. Functions, methods and database tools. Procedures. Triggers, usage of saved procedures and functions, packages. Web applications and databases. Database administration. Creating backups and restoring data.	
<b>Learning outcomes:</b>	
Student: <ol style="list-style-type: none"><li>1. Knows basic terms of database field and is familiar with corresponding concepts</li><li>2. Can engineer database scheme according to initial task and to choose appropriate implementation</li><li>3. Recognizes main problems in database modelling and is able to eliminate them</li></ol>	

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