## Title of the curriculum/curricula
Economics, Business Management and Statistics

## Type and level of studies
Undergraduate academic studies

## Subject title
Databases

## Teacher (Name, first letter of one parent’s name, last name)
Aleksandra T. Zečević

## Subject status
Compulsory

## Number of ECTS
5

## Prerequisite

## Subject objective
The aim of this course is to acquaint students to modern database management systems, as well as specific technologies for data processing and data models, and specific theories which to determine and design a particular database. Special attention is given to the design of databases and the development of business applications.

## Subject outcome
With the acquired theoretical and practical knowledge, the students will be able to design and administer a database for different needs in business information systems.

## Subject content

### Theory lessons

### Practice lessons: practice classes
Exercises of practical examples will follow the lectures in the area of databases, in particular database system. Using the programming language in conjunction with HTML, to access and manipulate data in web databases.

## Literature

## Number of active teaching lessons

<table>
<thead>
<tr>
<th>Lectures: 30</th>
<th>Practice classes: 30</th>
<th>Other forms of teaching:</th>
<th>Study research work:</th>
</tr>
</thead>
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## Teaching methods
**Lectures.** Each teaching unit followed by a presentation and each is an introduction to the work to be performed in the exercises.

**Exercise.** Performed in IT Center. Also, the exercises are performed by the system of one student - one computer. The aim of the exercises is to enable students to create and administer databases.

## Grading (maximum number of points 100)

<table>
<thead>
<tr>
<th>Pre-examination obligations</th>
<th>Points</th>
<th>Final exam</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project development</td>
<td>10</td>
<td>Written exam</td>
<td>60</td>
</tr>
<tr>
<td>Colloquium/a</td>
<td>30</td>
<td></td>
<td></td>
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