### COURSE DESCRIPTION

<table>
<thead>
<tr>
<th>University:</th>
<th>Comenius University Bratislava</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty:</td>
<td>Faculty of Pharmacy</td>
</tr>
<tr>
<td>Course ID:</td>
<td>FaF.KFB/03-Mgr/22</td>
</tr>
<tr>
<td>Course title:</td>
<td>Pharmaceutical Botany</td>
</tr>
</tbody>
</table>

**Educational activities:**

- **Type of activities:** lecture / laboratory practicals
- **Number of hours:**
  - per week: 2 / 3
  - per level/semester: 28 / 42
- **Form of the course:** on-site learning

<table>
<thead>
<tr>
<th>Number of credits:</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended semester:</td>
<td>4</td>
</tr>
<tr>
<td>Educational level:</td>
<td>I.II.</td>
</tr>
</tbody>
</table>

**Prerequisites:**

**Course requirements:**

Lectures: attendance on lectures

Practical lessons: active attendance on practical lessons, students have to pass two tests: 1. Anatomy of the plants (20 points); 2. Identification of the plants (20 points)

Final exam: test (60 points)

Final grade: A = 100 - 94 pts.; B = 93 – 85 pts.; C = 84 – 78 pts.; D = 77 – 71 pts.; E = 70 – 60 pts. FX = 59 pts. and less (not pass)

Scale of assessment (preliminary/final): 40/60

**Learning outcomes:**

Students will learn the fundamentals of plant anatomy, plant morphology and plant systematic with special emphasis on medicinal plants. Students will benefit from acquired knowledge in subjects: Medicinal plants and Pharmacognosy.

**Class syllabus:**

The lessons concentrate on the following topics: plant cell and plant cell organelles, plant anatomy and morphology – plant tissues and plant organs, plant reproduction, plant systematics with special emphasis on medicinal plants.

**Recommended literature:**

- Ďuriška O., 2022: Pharmaceutical botany – presentations in electronic form
- Siphunov A. 2020: Introduction to botany
- Spurná V., 1998: Pharmaceutical botany I. Plant cell and plant tissues
- Spurná V., 1999: Pharmaceutical botany II. Plant morphology
- Takhtajan A., 2009: Flowering plants

**Languages necessary to complete the course:**

- English

**Notes:**
### Past grade distribution
Total number of evaluated students: 0

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>ABS</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>FX</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0,0</td>
<td>0,0</td>
<td>0,0</td>
<td>0,0</td>
<td>0,0</td>
<td>0,0</td>
<td>0,0</td>
</tr>
</tbody>
</table>

**Lecturers:** doc. Ing. Miroslav Habán, PhD., RNDr. Ingrid Mistríková, CSc., Mgr. Ondrej Řuriška, PhD.

**Last change:** 27.06.2022

**Approved by:** doc. Ing. Miroslav Habán, PhD., prof. Ing. Milan Nagy, CSc.