Level: PhD
Course title: Stereochemistry of Monosaccharides (DSB604)
Status: Elective
ECTS: 15
Requirements: None

Learning objectives
Acquisition of advanced knowledge about the three-dimensional structure of monosaccharides and their derivatives of biological significance.

Learning outcomes
Introduction to modern scientific achievements in the stereochemistry of monosaccharides will help the students to understand and explain their reactivity, as well as their chemical behaviour in biological conditions.

Syllabus
Theoretical instruction

Practical instruction
Nomenclature of carbohydrates and derivatives. 3D visualization and animation of carbohydrates of biological significance.

Weekly teaching load

<table>
<thead>
<tr>
<th>Lectures: 5</th>
<th>Exercises:</th>
<th>Other forms of teaching:</th>
<th>Student research: 5</th>
<th>Other:</th>
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