

<b>Course unit title</b>	<b>CLINICAL ODONTOLOGY AND ANAESTHESIA</b>
<b>Course unit code</b>	BH(SK)/4-1
<b>Type of course unit</b>	Compulsory
<b>Level of course unit</b>	First cycle
<b>Year of study (if applicable)</b>	Second year
<b>Semester/</b>	Spring semester
<b>Number of ECTS credits allocated</b>	3 ECTS
<b>Learning outcomes of the course unit</b>	<p><b>Upon completion of the course unit, students will be able to:</b></p> <p>LO1. Recognise oral and dental diseases, differentiate non-carious lesions from dental caries, and identify the causes of caries, pulpitis and periodontitis.</p> <p>LO2. Explain the concept of pain, physiological responses to pain and its harmful effects on the body.</p> <p>LO3. Describe infiltration anaesthesia and independently perform topical and local anaesthesia procedures.</p> <p>LO4. Distinguish healthy teeth and surrounding tissues from pathological changes in dental radiographs.</p> <p>LO5. Provide appropriate assistance in cases of allergic reactions caused by anaesthetics.</p>
<b>Mode of delivery</b>	Blended learning
<b>Prerequisites and co-requisites</b>	Microbiology and Infection Control in Dentistry, Anatomy, Physiology and Pathology, Pharmacology and Phytotherapy, First Aid.
<b>Course contents</b>	Dental caries: classification, aetiology, clinical manifestations and diagnostic methods. Non-carious dental lesions. Conservative and operative treatment of dental caries. Pulp diseases and periodontitis: aetiology, clinical features and diagnostics. Pain and pain management in dentistry. Types of anaesthesia, anaesthetic agents, indications and contraindications. Local, topical and nerve block anaesthesia techniques and their complications. Dental radiograph interpretation. Allergic reactions to anaesthetics and emergency management.
<b>Planned learning activities and teaching methods</b>	Lectures, practical classes, case analysis, demonstrations, independent study.
<b>Assessment</b>	Continuous assessment and final examination. Assessment methods: tests, practical assignments, case analysis, objective structured clinical situations and final examination. Final grade: continuous assessment (40%) and final examination (60%).
<b>Language of instruction.</b>	English
<b>Work placement(s)</b>	Utenos kolegija Higher Education Institution Faculty of Medicine Centre of Prepare Dental Care Specialist