



Study program: Integrated Academic Studies in Dental Medicine			
Course title: Cariology			
Teacher: Milan R. Drobac, Bojana D. Ramić, Karolina I. Vukoje, Ivana R. Kantardžić			
Course status: compulsory			
ECTS Credits: 2			
Condition: -			
Course aim The aim of the course for students is gaining the basic knowledge about etiology, development and diagnosis of caries.			
Expected outcome of the course: Cariology is a course which should introduce student to a basic knowledge about etiology, epidemiology, chemical interaction between oral fluids and tooth tissue (demineralization, remineralization, erosion), protective role of the saliva in caries development, composition and properties of dental plaque, properties of cariogenic bacteria, histopathological and clinical manifestations of caries lesions, caries diagnosis, caries risk tests, classification of the caries, oral hygiene, prevention and prognosis of the caries.			
Course description <i>Theoretical education</i> 1. Introduction and significance of the Cariology course. 2. Hereditary anomalies of the hard tooth tissues. 3. Developmental anomalies of the hard tooth tissues. 4. Reaction of pulp-dentin complex to different extrinsic stimuli. 5. Saliva-composition and function. 6. Influencing factors on the development of caries lesion. 7. Oral and dental plaque microflora. 8. Maturation of the dental plaque. 9. Chemical and physical processes in the caries lesion. 10. Clinical appearance of the caries. 11. Caries diagnosis. 12. Caries classification. 13. Caries risk tests. 14. Prevention of dental caries. 15. Epidemiology and prognosis of the caries lesion <i>Practical education:</i> -			
Literature <i>Compulsory</i> 1. Fejerskov O & Kidd E. Dental Caries. The Disease and its Clinical Management. 1 ed. Blackwell Munsgaard, Copenhagen, 2003. <i>Additional</i> 1. Harold O Heymann, Edward J Swift, Andre V Ritter: Sturdevant's Art and Science of Operative Dentistry. 7th Edition, Elsevier 2016.			
Number of active classes		Theoretical classes: 15	Practical classes: -
Teaching methods Theoretical			
Student activity assessment (maximally 100 points)			
Pre-exam activities	Points	Final exam	points
Lectures	5 points for presence 15 points for activity	Written	50 points
Practices			
Colloquium		
Essay	30 points		