

Study program: Special Education and Rehabilitation, module Hearing Disability			
Type and level of studies: Basic Academic			
Title of the subject: Audiology with Vestibulology			
Lecturer: Snežana S. Babac			
Course status: Obligatory			
ECTS: 5			
Prerequisites: None			
Aim The aim is to introduce students to broader medical and biological perspective in approaching the problem of sense of hearing as the most important sense for the communication and the sense of balance as the oldest sense.In their later professional work this knowledge will be essential for the quality work performance of surdologists and speech and language pathologists, and the adequate understanding of the subject provided by the broader medical approach. The training also comprises the topographic diagnostics of the facial nerve since it is within the field of the clinical audiology. The goal of the course is also to introduce students to medical aspects of ear diseases and their treatment.			
Outcomes Upon completion of this course, students will be able to comprehend the broader medical perspective of the functioning, testing and diagnostics of diseases of sense of hearing, balance and nervusfacialis. The course is preparing them for the practical application of the gained knowledge.			
Content <i>Lectures:</i> 1)Acoustics 2) Morphology and Physiology of External and Middle Ear 3) Morphology and Physiology of Inner Ear and Central Auditory Pathways 4) Morphology and Physiology of Balance 5) Methods of Testing the Hearing 6)Differential Diagnosis of Hearing Impairment 7) Methods of Testing the Balance 8)Diseases of the External Ear and Their Impact on Hearing 9) Inner Ear Disorders 10) Phylogenetic and Ontogenetic Ear Development 11) Audiological Diagnostic of Congenital Ear Malformations 12) Hearing Improvement Technologies 13) Facial Nerve 14) Extra hours for making up canceled classes or for additional lectures. <i>Practical work:</i> Demonstration of the diagnostic methods introduced in lectures and drawing conclusions from the obtained results.			
Literature 1. Borivoj Babić: “Audiology and Vestibulology“ textbook for students of surdology and speech language and pathology, Publishing center of the Faculty of Special Education and Rehabilitation, University of Belgrade, ISBN – 978-86-80113-64-7, cobiss.sr-id 145597964, page 246, Belgrade, 2007.			
Number of active classes per week	Lectures: 2	Practical work: 2	
Teaching methods: Lectures and exercises			
Evaluation of knowledge (maximum score 100)			
Pre obligations	Points	Final exam	Points
activites during lectures	10	oral examination	50
practical lessons	40		