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|---|-------------------|-------------------|--------------------------|
| <b>Study program:</b> Speech and Language Pathology   |                   |                   |                          |
| <b>Type and level of studies:</b> Basic Academic  |                   |                   |                          |
| <b>Title of the subject:</b> Audiology with Vestibulology   |                   |                   |                          |
| <b>Lecturer:</b> Snežana S. Babac   |                   |                   |                          |
| <b>Course status:</b> Obligatory  |                   |                   |                          |
| <b>ECTS:</b> 5  |                   |                   |                          |
| <b>Prerequisites:</b> None  |                   |                   |                          |
| <b>Aim:</b><br>The goal 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 audologists 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.  |                   |                   |                          |
| <b>Outcomes:</b><br>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 nervus facialis. The course is preparing them for the practical application of the gained knowledge.   |                   |                   |                          |
| <b>Content</b><br><i>Lectures:</i><br>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.<br><i>Practical work: Exercises, Other forms of teaching, Academic Research</i><br>Exercises: Demonstration of the diagnostic methods introduced in lectures and drawing conclusions from the obtained results. |                   |                   |                          |
| <b>Literature</b><br>Babić, B. „, Audilogija i vestibulologija“, za studente surdologije i logopedije, Centar za izdavačku delatnost Fakulteta za specijalnu edukaciju i rehabilitaciju, Univerzitet u Beogradu, ISBN – 978-86- 80113-64-7, cobiss.sr-id 145597964, strana 246, Beograd, 2007.  |                   |                   |                          |
| <b>Number of active classes per week:</b> 3   | <b>Lecture:</b> 2 |                   | <b>Practical work:</b> 1 |
| <b>Teaching methods:</b> Interactive lessons with use of modern technology  |                   |                   |                          |
| <b>Evaluation of knowledge (maximum score 100)</b>  |                   |                   |                          |
| <b>Pre obligations</b>  | <b>Score</b>      | <b>Final exam</b> | <b>Score</b>             |
| activities during the lectures  |                   | written exam      |                          |
| practical teaching  | <b>40</b>         | oral exam         | <b>60</b>                |
| midterm(s)  |                   |                   |                          |
| seminars  |                   |                   |                          |