

Study program: Special education and rehabilitation			
Type and level of studies: Master academic studies			
Title of the subject: Applied science of hearing disability			
Lecturer: Sanja B. Ostojic-Zeljko			
Course status: Elective mutual course for multiple modules Hearing disability, Sensorimotor disability			
ECTS: 6			
Prerequisites: The acquired knowledge from the program of Hearing disability			
Aim: The aim of this course is to provide knowledge on normal and pathological hearing function, developmental features of deaf and hard of hearing individuals, detection, evaluation, amplification and treatment of various etiological types of hearing impairment, so that students could become capable to compile and implement their knowledge in practice.			
Outcomes: After completing the course the students will be able to apply and correlate theoretical knowledge in the area of hearing disability (hearing disorders, acquire competence in practical skills and capable to implement European standards in the area of hearing disability).			
Content			
<p><i>Lectures:</i> Terminological differentiation of entities in applied in the area of hearing disability; classification of deaf and hard of hearing individuals according to different classifications (WHO, AAA), as well as according to pedagogy, psychology and educational criteria (Mawson, Majklbast, Lewine); evaluation of disability degree according to Fowler-Sabine scale; prevention of deafness and hearing impairment; use of subjective and objective methods and techniques for hearing assessment; use of scales for assessment of speech and language development in deaf and hard of hearing individuals; evaluation of amplification quality; selection criteria for cochlear implantation</p> <p><i>Practical work:</i> Hands on work in re/habilitation departments, with multidisciplinary approach to hearing evaluation and differential diagnosis of hearing impairment in children and adults.; active involvement in all segments of clinical work of teachers for the deaf.</p>			
Literature:			
<p>Ostojic-Zeljko, S., Đoković S. (2017). Kohlearna implantacija ishod i perspektiva, Univerzitet u Beogradu, Fakultet za specijalnu edukaciju i rehabilitaciju, Izdavački centar fakulteta (ICF), ISBN 978-86-6203-094-8, str. 11-49</p> <p>Đoković, S., Ostojic-Zeljko, S. (2017). Funkcionalna procena sluha kod dece, Univerzitet u Beogradu, Fakultet za specijalnu edukaciju i rehabilitaciju, Izdavački centar fakulteta (ICF), ISBN 978-86-6203-092-4 str. 11 -81</p> <p>Ostojic, S.(2003): Osnovni principi auditivnog treninga, Govor i jezik, IEFPG, zbornik radova, Beograd 2003, 484-491, ISBN 86-81879-06-5</p> <p>Ostojic, S., Đoković, S., Slavnić, S. (2007): Modeli rehabilitacije sluha, Nove tendencije u specijalnoj edukaciji i rehabilitaciji, I naučni skup FASPER, Zbornik radova, Beograd, 455-467, ISBN 978-86-80113-67-8</p> <p>Ostojic, S., Đoković, S., Mikić, B. (2007):Kohlearna implantacija-pregled istraživanja EARS baterijom testova, članak, Specijalna edukacija i rehabilitacija 3-4, FASPER, Izdavački centar, Beograd, 61-73, ISSN 1452-7367</p> <p>Ostojic, S., Mirić, D., Mikić, B. (2005): Rehabilitacija sluha i govora posle KI, Govor i jezik-Fundamentalni i primenjeni aspekti jezika i govora, zbornik radova, IEFPG, Beograd, 221-223, ISBN 86-81879-06-5</p> <p>Maltby, M.T. (2002). Principles of Hearing Aid Audiology, Hearing aids and their performance, Selection and fitting, ISBN: 1 86156 257 8, str. 154-185</p>			
Number of active classes per week	Lecture: 2		Practical work: 2
Teaching methods: Lectures, practical work, interactive education			
Evaluation of knowledge (maximum score 100)			
Pre obligations	Score	Final exam	Score
activities during the lectures	10	written exam	
practical teaching	20	oral exam	50
midterm(s)	15	
seminars	5		