Study program: Special education and rehabilitation sciences

Type and level of studies: Doctoral Academic Studies

Title of the subject: Basic and applied research in rehabilitation of persons with motor disability

Lecturer: Dragan I. Rapaić, Gordana R. Odović

Course status: elective

ECTS: 20

Prerequisites: none

Aim:
Introducing students with basic and applied research in rehabilitation of person with motor disability.

Outcomes: Competence of students to distinguish basic and applied research in rehabilitation of person with motor disability.

Contents:
*Lectures:*1. Basic and applied research at persons with motor disabilities; 2. Medical basic research in field of motor disabilities; 3. Psychological research in the field of motor disabilities; 4. Neuropsychological research in the field of motor disabilities; 5. Basic and apply research of persons with motor disabilities in the field of special education and rehabilitation; 6. Medical applied research in rehabilitation of persons with motor disabilities; 7. Applied research in neuropsychology rehabililtation of pearsons with motor disabilities; 8. Applied research in rehabililtation of pearsons with motor disabilities in special education and rehabilitation; 9. Basic and applied research in vocational rehabilitation; 10. Applied research in vocational assessment; 11. Basic and applied research in assistive technology; 12. Applied research in employment persons with motor disability; 13. Basic and applied research in rehabilitation of persons with traumatic brain injury; 14. Basic and applied research in rehabilitation of persons with spinal cord injury; 15. Basic and applied research in rehabilitation of persons with amputations.
Practical work:
Scientific research: Search of relevant data bases, theoretical analysis of scientific literature, reviewing books and journals, participation in scientific meetings, presentation of papers and posters, writing and publishing scientific papers.

Literature:

1. Noggle, A.C., Dean, S.R. (2013). Neuropsychology Rehabilitation. Springer Publishing Company
2. Cognitive Rehabilitation (2012). HASOMED, RehaCom
3. Escorpizo, R., Brage, S., Homa, D. & Gerold Stucki, G. (2015). Handbook of vocational rehabilitation and disability evaluation/ Application and implementation of the ICF. (Handbooks in health, work, and disability), Cham: Springer ISBN 978-3-319-08825-9

Number of active classes per week

Lectures: 3	**Research work**: 10

Teaching methods:
Lectures will be performed by oral presentation and practical work. Lectures will consist of frontal and individual work in smaller groups. PowerPoint presentation will be used. Individual work will be performed through workshops in which students will search for scientific literature and other scientific sources.

Evaluation of knowledge (maximum score 100)

Pre obligations	**Points**	**Final exam**	**Points**
Research project	30	Written exam	
Seminars	20	Oral exam	50