

<b>GENERAL INFORMATION</b>		
Course name	<b>Physical and Rehabilitation Medicine</b>	
Course director	<b>Asst. Prof. Mira Kadojić, MD, PhD</b>	
Assistants	Asst. Prof. Zoran Zelić, MD, PhD	
Study program	<b>Integrated undergraduate and graduate university study program Medical Studies in German</b>	
Course status	Mandatory	
Year of study, semester	6 <sup>th</sup> year, 11 <sup>th</sup> semester	
Credits allocated and form of instruction	ECTS student workload	<b>3</b>
	Number of teaching hours (L+S+E)	<b>35 (15+5+15)</b>
<b>COURSE DESCRIPTION</b>		
<b>Course objectives</b>		
Familiarize students with the tasks and basic principles of rehabilitation medicine and train students to manage the consequences of diseases and injuries they will encounter in their practice. Through theoretical and practical classes, acquire knowledge and skills required to identify and treat (by means of physical therapy) the most common causes of impairment and disability.		
<b>Course requirements</b>		
There are no specific requirements for this course except those defined in the study program curriculum.		
<b>Learning outcomes at the Programme level</b>		
<b>1.1., 1.2., 2.1., 2.2., 2.3., 3.1., 3.2., 3.3., 3.5., 4.1., 4.2.</b>		
<b>Expected learning outcomes (5-10 learning outcomes)</b>		
<p><b>Knowledge</b></p> <ol style="list-style-type: none"> <li>1. Identify and explain the principles of rehabilitation medicine</li> <li>2. Assess the impact of chronic disease and disability on the patient</li> <li>3. Identify and explain the principles of rehabilitation therapy (kinesiotherapy, cognitive and speech therapy, training for daily life activities, physical therapy)</li> <li>4. Explain the principles of continuity of care</li> <li>5. Identify appropriate care frameworks for different periods of recovery and rehabilitation</li> <li>6. Identify indications and contraindications for physical therapy</li> </ol> <p><b>Skills</b></p> <ol style="list-style-type: none"> <li>1. Identify, select and apply key skills when taking medical history with all disease characteristics listed in the content</li> <li>2. Perform a supervised clinical examination with physical and rehabilitation medicine propedeutics</li> <li>3. Perform basic joint and spinal mobility measurements and evaluate muscle strength using measuring instruments</li> <li>4. Administer a questionnaire on daily life activities</li> <li>5. Assess the degree of disability</li> </ol>		
<b>Course content</b>		
Introduction to physical and rehabilitation medicine and epidemiology of diseases and conditions in patients undergoing rehabilitation programs. Diagnostic procedures for patients		

undergoing rehabilitation programs. Physical and rehabilitation medicine in pediatrics. Physical and rehabilitation medicine in neurological patients.

<b>Form of instruction</b>	<input checked="" type="checkbox"/> lectures	<input type="checkbox"/> individual assignments
	<input checked="" type="checkbox"/> seminars and workshops	<input type="checkbox"/> multimedia and internet
	<input checked="" type="checkbox"/> exercises	<input type="checkbox"/> laboratory
	<input type="checkbox"/> distance learning	<input type="checkbox"/> mentoring activities
	<input type="checkbox"/> field course	<input type="checkbox"/> other

**Student obligations**

Come to class prepared by studying the recommended literature for each unit and actively participate in all forms of instruction. The student must participate in at least 70% of classes to pass the course.

**Monitoring student learning**

Attendance	x	Active participation	x	Seminar paper		Experimental work
Written exam	x	Oral exam	x	Essay		Research
Project		Continuous assessment		Paper		Practical work
Portfolio						

**Assessment and evaluation of students during class and on the final exam**

Students' performance will be evaluated during class and on the final exam. Students are evaluated numerically and descriptively (insufficient (1), sufficient (2), good (3), very good (4), excellent (5)). During classes, a student can earn a maximum of 100 points. Students can earn a maximum of 20 points during classes through different types of activities. On the final exam, students can earn a maximum of 80 points. The final grade represents the sum of the points earned during classes and on the final exam.

**Mandatory reading**

1. Manuelle Therapie und komplexe Rehabilitation. Streeck U, Focke J, Melzer C, Streeck; 2; 2017

**Additional reading**

**The number of copies of mandatory reading in proportion to the number of students currently taking this course**

<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>
Manuelle Therapie und komplexe Rehabilitation. Streeck U, Focke J, Melzer C, Streeck; 2; 2017	A purchased license for online textbooks shall be used <a href="https://bfdproxy48.bfd-online.de/login.htm?back=http%3a%2f%2fpartner.bfd-online.info.bfdproxy48.bfd-online.de%2fameos%2fbfdAboGateway%3fabold%3d264117">https://bfdproxy48.bfd-online.de/login.htm?back=http%3a%2f%2fpartner.bfd-online.info.bfdproxy48.bfd-online.de%2fameos%2fbfdAboGateway%3fabold%3d264117</a> Access will be granted to all students enrolled in the study program	

**Quality monitoring methods ensuring the acquisition of knowledge upon completion, skills and competences**

The quality of course performance is monitored through an anonymous student survey on the quality of the organization and conduction of classes, the course content and the work of professors. The usefulness of the lectures from the students' perspective, the curriculum content, the professor preparedness, the clarity of the presentation, the amount of new content and the quality of the presentation are evaluated. The curriculum and its execution are

administratively compared. The participation of students in lectures and exercises, as well as the excuses for missing classes, are controlled and analyzed.