

GENERAL INFORMATION		
Course name	Orthopedics	
Course director	Asst. Prof. Zoran Zelić, MD, PhD	
Assistants	Assoc. Prof. Ivan Lovrić, MD, PhD	
Study program	Integrated undergraduate and graduate university study program Medical Studies in German	
Course status	Mandatory	
Year of study, semester	5 th year, 9 th semester	
Credits allocated and form of instruction	ECTS student workload	3
	Number of teaching hours (L+S+E)	35 (20+5+10)
COURSE DESCRIPTION		
Course objectives		
Learn symptoms, diseases and syndromes in orthopedic patients, their incidence, causes, diagnostic algorithms, prognosis, prevention and treatment.		
Course requirements		
There are no specific requirements for this course except those defined in the study program curriculum.		
Learning outcomes at the Programme level		
1.1., 1.2., 2.1., 2.2., 3.1.		
Expected learning outcomes (5-10 learning outcomes)		
Knowledge		
<ol style="list-style-type: none"> 1. Recognize diseases and injuries of the locomotor system 2. Know the diagnostic and therapeutic procedures for diseases and injuries of the locomotor system 3. Explain the causes of diseases and injuries of the locomotor system and explain the importance of differential diagnostic considerations 4. Assess the importance of proper treatment of an orthopedic patient 		
Skills		
<ol style="list-style-type: none"> 1. Demonstrate the ability to independently take a medical history, perform a clinical orthopedic examination and determine a working diagnosis 2. Under supervision, perform certain therapeutic procedures during the conservative treatment of an orthopedic patient 		
Course content		
Congenital and developmental diseases of the locomotor system, inflammatory and degenerative diseases, circulatory system diseases, tumors, injuries, amputations and prosthetics, joint arthroplasty		
Form of instruction	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> exercises <input type="checkbox"/> distance learning <input type="checkbox"/> field course	<input checked="" type="checkbox"/> individual assignments <input checked="" type="checkbox"/> multimedia and Internet <input type="checkbox"/> laboratory <input type="checkbox"/> mentoring activities <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	x
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. Krämer J, Grifka J. Orthopädie und Unfallchirurgie. Springer. 2013							
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>		
Krämer J, Grifka J. Orthopädie und Unfallchirurgie. Springer. 2013		A purchased license for online textbooks shall be used https://bfdproxy48.bfd-online.de/login.htm?back=http%3a%2f%2fpartner.bfd-online.info.bfdproxy48.bfd-online.de%2fameos%2fbfdAboGateway%3fabold%3d264117 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.							