

<b>GENERAL INFORMATION</b>		
Course name	<b>Traumatology</b>	
Course director	<b>Assoc. Prof. Ivan Lovrić, 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>		
Learn symptoms, diseases and syndromes in trauma patients, their incidence, causes, diagnostic algorithms, prognosis, prevention and treatment.		
<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., 3.5.</b>		
<b>Expected learning outcomes (5-10 learning outcomes)</b>		
<b>Knowledge</b>		
<ol style="list-style-type: none"> <li>1. Recognize trauma conditions and injuries</li> <li>2. Know diagnostic and therapeutic procedures for trauma patients</li> <li>3. Explain the causes of trauma conditions and the importance of differential diagnostic consideration</li> <li>4. Assess the importance of proper treatment of a trauma patient</li> </ol>		
<b>Skills</b>		
<ol style="list-style-type: none"> <li>1. Demonstrate the ability to independently take a medical history, perform a clinical examination and determine a working diagnosis</li> <li>2. Under supervision, perform certain therapeutic procedures during the conservative treatment of trauma patients</li> </ol>		
After passing the Traumatology exam, the student will be able to take medical history data, conduct physical examination and additional diagnostic processing and examinations by appropriate specialists.		
<b>Course content</b>		
Introduction to traumatology and injury epidemiology. Diagnostic procedures in trauma patients. Surgical treatment of trauma conditions. Surgical treatment of cerebrovascular diseases. Pediatric traumatology. Clinical presentation of a trauma patient. Trauma operating room and an overview of surgical instruments and tools.		
<b>Form of instruction</b>	<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 type="checkbox"/> individual assignments <input type="checkbox"/> multimedia and Internet <input type="checkbox"/> laboratory <input type="checkbox"/> mentoring activities <input type="checkbox"/> other
<b>Student obligations</b>		

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 <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.