

Faculty of Medicine in Rijeka

## Curriculum 2024/2025

For course

# Orthopaedics

Study program:	<b>Medical Studies in English (R)</b> University integrated undergraduate and graduate study
Department:	<b>Department of Orthopedics and Physical Medicine</b>
Course coordinator:	<b>izv. prof. dr. sc. Jotanović Zdravko, dr. med.</b>
Year of study:	<b>5</b>
ECTS:	<b>3.5</b>
Incentive ECTS:	<b>0 (0.00%)</b>
Foreign language:	<b>Possibility of teaching in a foreign language</b>

**Course information:**

Orthopaedics is compulsory course on 5th year of study. It consists of 30 lectures and 32 practical hours (3,5 ECTS). Lectures and practicals will be organized at Clinic for orthopedic surgery Lovran, M. Tita 1, Lovran.

In the case of the unfavorable epidemiological situation educational process will be held online.

Learning outcomes:

- identify disorders and injuries of musculoskeletal system
- diagnose and explain causes of impairment of musculoskeletal system
- distinguish diagnostic and therapeutic procedures used to treat disorders and injuries of musculoskeletal system
- evaluate importance of right treatment method for orthopedic patient
- integrate acquired knowledge with general approach to the patient

**List of assigned reading:**

1. Apley and Solomon's System of Orthopaedics and Trauma, 10th ed., CRC Press,2017

**List of optional reading:**

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## **Curriculum:**

### **Lectures list (with titles and explanation):**

#### **L1. Introduction and history of orthopedics**

Acquiring knowledge about history of orthopedics .Get acquainted with goal of orthopedics

#### **L2. History,clinical examination, types of orthopaedic operations**

Get acquainted with basics in anamnesis , clinical examination, diagnostics and therapy in orthopedics

#### **L3. Diagnostic imaging (plain radiography,computed tomography,magnetic resonance imaging,ultrasound,radionuclide imaging)**

Get acquainted with diagnostic imaging methods encountered in diagnosis of orthopedic disorders. Describe and explain indications for each diagnostic method. Correlate results of diagnostic imaging with clinical examination

#### **L4. Tissues of musculoskeletal system**

Acquiring knowledge about tissues comprising musculoskeletal system

#### **L5. Normal bone healing**

Understanding mechanism of normal bone healing

#### **L6. Impaired bone healing**

Understanding causes of bone healing impairment

#### **L7. Bone remodelling and endocrine disorders of skeletal system**

Describe and explain mechanism of endocrine regulation of bone remodelling Acquiring knowledge about endocrine bone disorders

#### **L8.Metabolic disorders of skeletal system**

Get acquainted with major metabolic disorders of skeletal system

#### **L9., L10. Infections of musculoskeletal system**

Recognize and explain causes of infection of musculoskeletal system Know how to diagnose and treat bone infection

#### **L11., L12. Degenerative disorders of musculoskeletal system**

Describe and explain mechanism of musculoskeletal system degeneration Recognize and determine diagnostics and therapy in degenerative disorders of musculoskeletal system

#### **L13. Children's orthopedics: immature skeleton**

Get acquainted with immature skeleton and its specificity. Distinguish pediatric from adult musculoskeletal system

#### **L14. Children's orthopedics:the hip**

Describe and explain causes of pediatric hip disorders .Recognize and determine diagnostics and therapy of pediatric hip disorders

#### **L15. Children's orthopedics:the foot**

Describe and explain causes of pediatric foot disorders. Recognize and determine diagnostics and therapy protocol of pediatric foot disorders

#### **L16.,L17. The neck and pectoral girdle disorders**

Get acquainted with major disorders of neck and pectoral girdle. Learn how to diagnose and treat neck and pectoral girdle disorders

#### **L18., L19. The shoulder and upper arm**

Acquiring knowledge about shoulder and upper arm disorders. Recognize and determine diagnostics and therapy in

shoulder and upper arm disorders.

**L20. i L21. The elbow and forearm**

Determine diagnostic and treatment protocol of elbow and forearm disorders

**L22. The wrist and the hand**

Get acquainted with major disorders affecting wrist and the hand. Selecting appropriate diagnostic and treatment method to solve disorder of wrist and the hand

**L23., L24. The hip and upper leg**

Recognize disorders of hip and upper leg. Determine diagnostics and therapy in hip and upper leg disorders

**L25.,L26 The knee and lower leg**

Describe knee and lower leg disorders. Determine diagnostic and treatment method for specific knee and lower leg disorder

**L27.,L28. The foot and ankle**

Recognize foot and ankle disorders. Determine appropriate diagnostic and treatment method in foot and ankle disorders

**L29.,L30 Tumors of musculoskeletal system**

Describe tumors of musculoskeletal system. Recognize and diagnose tumors of musculoskeletal system .Get acquainted with treatment options for musculoskeletal tumors.

**Practicals list (with titles and explanation):**

**Practicals 1-5. History and clinical examination of the spine**

Following theoretical part apply practical knowledge of taking history and clinical examination of the spine

**Practicals 6-10. History and clinical examination of the hip and upper leg**

Following theoretical part apply practical knowledge of taking history and clinical examination of the hip and upper leg

**Practical 11-15. History and clinical examination of the knee and lower leg**

Following theoretical part apply practical knowledge of taking history and clinical examination of the knee and lower leg

**Practical 16-20. History and clinical examination of the foot and ankle**

Following theoretical part apply practical knowledge of taking history and clinical examination of the foot and ankle

**Practical 21-25. History and clinical examination of the shoulder, upper arm, elbow and lower arm**

Following theoretical part apply practical knowledge of taking history and clinical examination of the shoulder, upper arm, elbow and lower arm

**Practical 26-32. History and clinical examination of the wrist and the hand**

Following theoretical part apply practical knowledge of taking history and clinical examination of the wrist and the hand

**Student obligations:**

Attendance on lectures and practicals are mandatory. Communication between the teaching staff and students will take place by e-mail addresses (@uniri.hr)

**Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):**

Student assessment is carried out in accordance with the current University of Rijeka Study Regulations and the Student Regulations at the Faculty of Medicine Rijeka (adopted by the Faculty Council of the Faculty of Medicine Rijeka). Students' performance will be evaluated during the course and at the final exam. Out of a total of 100 credits, a student can earn 50 credits (50%) during the course, and 50 credits (50%) at the final exam. Student assessment is performed using ECTS (A-E) and number system (1-5). Student assessments in ECTS system is carried out by is performed by absolute distribution, and according to graduate assessment criteria. Out of a total of 50 credits that can be earned during the course, student must earn minimum 25 credits to take final exam.

I. During the course (maximum 50 credits):

Obligatory colloquium I and II test (maximum up to 25+25 credits) During the course all students must take obligatory first colloquium earning maximum 25 credits (range 13-25 maximum). During course all students must take second obligatory colloquium aswell earning maximum 25 credits (range 13-25)

grade	credits
sufficient	13-15
good	16-19
very good	20-23
excellent	24-25

II. Final exam (maximum 50 credits):

Final exam consists of obligatory written exam on Merlin platform in the form of essay. Student who earn 25 or more credits during the course can take final exam. Student who earn less than 25 credits during the course cannot take final exam. Final exam is scored maximal up to 50 credits. Final exam consists of 5 questions and brings 50 credits (range 25-50). To earn the credits student must pass 50% of final test. Correct answers are converted in credits by the following criteria:

grade	credits
sufficient	13-15
good	16-19
very good	20-23
excellent	24-25

For a passing grade during classes and on the final exam, student has to obtain minimum of 50 credits.

The ECTS grading system is defined by the following criteria: A - 90 -100% credits B - 80 - 89,9% credits C - 70 - 79,9% credits D - 60 - 69,9% credits E - 50 - 59,9% credits Grades in ECTS grading system are converted in numerical system by the following criteria: A = excellent (5) B = very good (4) C = good (3) D = sufficient (2) E = insufficient (1)

**Other notes (related to the course) important for students:**

Course content and all information related to the course as well as exam dates can be found on the MedRi web pages. All student inquiries, regarding the course and possible problems, remarks and inquiries are provided exclusively using the official e-mail addresses (@medri.uniri.hr). It is possible to arrange consultations with the teaching staff during working hours.

## COURSE HOURS 2024/2025

### Orthopaedics

<b>Lectures</b> (Place and time or group)	<b>Practicals</b> (Place and time or group)
<b>24.02.2025</b>	
<p>L1. Introduction and history of orthopedics:</p> <ul style="list-style-type: none"><li>• Orthopedics Lovran (08:00 - 09:00) [304] [305]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul> <p>L2. History, clinical examination, types of orthopaedic operations:</p> <ul style="list-style-type: none"><li>• Orthopedics Lovran (09:00 - 10:00) [304]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul> <p>L3. Diagnostic imaging (plain radiography, computed tomography, magnetic resonance imaging, ultrasound, radionuclide imaging):</p> <ul style="list-style-type: none"><li>• Orthopedics Lovran (10:00 - 11:00) [305]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul> <p>L4. Tissues of musculoskeletal system:</p> <ul style="list-style-type: none"><li>• Orthopedics Lovran (11:00 - 12:00) [305]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul> <p>L5. Normal bone healing:</p> <ul style="list-style-type: none"><li>• Orthopedics Lovran (12:00 - 13:00) [305] [301]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul>	
doc. dr. sc. Mađarević Tomislav, dr. med. [301] · doc. dr. sc. Prpić Tomislav, dr. med. [305] · prof. dr. sc. Šantić Veljko, dr. med. [304]	
<b>25.02.2025</b>	
	<p>Practicals 1-5. History and clinical examination of the spine:</p> <ul style="list-style-type: none"><li>• Orthopedics (08:00 - 13:00) [1950]<ul style="list-style-type: none"><li>◦ ORTHOPAEDICS B1</li><li>◦ ORTHOPAEDICS B2</li></ul></li><li>• Orthopedics Lovran (08:00 - 13:00) [1429]<ul style="list-style-type: none"><li>◦ ORTHOPAEDICS A1</li><li>◦ ORTHOPAEDICS A2</li></ul></li></ul>
naslovni asistent Gulan Leo, dr. med. [1429] · naslovni asistent Tudor Karlo, dr. med. [1950]	
<b>26.02.2025</b>	
<p>L6. Impaired bone healing:</p> <ul style="list-style-type: none"><li>• ONLINE (13:00 - 14:00) [300] [305]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul> <p>L7. Bone remodelling and endocrine disorders of skeletal system:</p> <ul style="list-style-type: none"><li>• ONLINE (14:00 - 15:00) [305]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul> <p>L8. Metabolic disorders of skeletal system:</p> <ul style="list-style-type: none"><li>• ONLINE (15:00 - 16:00) [305]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul> <p>L9., L10. Infections of musculoskeletal system:</p> <ul style="list-style-type: none"><li>• ONLINE (16:00 - 18:00) [305]<ul style="list-style-type: none"><li>◦ O_393</li></ul></li></ul>	
nasl.doc. dr. sc. Gržalja Nikola, dr. med. [300] · doc. dr. sc. Prpić Tomislav, dr. med. [305]	
<b>27.02.2025</b>	

	<p>Practicals 1-5. History and clinical examination of the spine:</p> <ul style="list-style-type: none"> <li>• Orthopedics (08:00 - 13:00) [305] [1429] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS C1</li> </ul> </li> </ul> <p>Practicals 6-10. History and clinical examination of the hip and upper leg:</p> <ul style="list-style-type: none"> <li>• Orthopedics Lovran (08:00 - 13:00) [1950] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS B1</li> <li>◦ ORTHOPAEDICS B2</li> </ul> </li> </ul>
<p>naslovni asistent Gulan Leo, dr. med. [1429] · doc. dr. sc. Prpić Tomislav, dr. med. [305] · naslovni asistent Tudor Karlo, dr. med. [1950]</p>	
<p><b>28.02.2025</b></p>	
<p>L11., L12. Degenerative disorders of musculoskeletal system:</p> <ul style="list-style-type: none"> <li>• ONLINE (16:00 - 18:00) [299] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> <p>L13. Children's orthopedics: immature skeleton:</p> <ul style="list-style-type: none"> <li>• ONLINE (18:00 - 19:00) [305] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> <p>L14. Children's orthopedics:the hip:</p> <ul style="list-style-type: none"> <li>• ONLINE (18:00 - 19:00) [305] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> <p>L15. Children's orthopedics:the foot:</p> <ul style="list-style-type: none"> <li>• ONLINE (19:00 - 20:00) [305] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul>	
<p>nasl. izv. prof. dr. sc. Legović Dalen, dr. med. [299] · doc. dr. sc. Prpić Tomislav, dr. med. [305]</p>	
<p><b>03.03.2025</b></p>	
	<p>Practicals 6-10. History and clinical examination of the hip and upper leg:</p> <ul style="list-style-type: none"> <li>• Orthopedics (08:00 - 13:00) [1429] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS A1</li> <li>◦ ORTHOPAEDICS A2</li> </ul> </li> <li>• Orthopedics Lovran (08:00 - 13:00) [1950] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS C1</li> </ul> </li> </ul>
<p>naslovni asistent Gulan Leo, dr. med. [1429] · naslovni asistent Tudor Karlo, dr. med. [1950]</p>	
<p><b>04.03.2025</b></p>	
<p>L16.,L17. The neck and pectoral girdle disorders:</p> <ul style="list-style-type: none"> <li>• ONLINE (12:00 - 14:00) [305] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> <p>L18., L19. The shoulder and upper arm:</p> <ul style="list-style-type: none"> <li>• ONLINE (14:00 - 16:00) [305] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> <p>L20. i L21. The elbow and forearm:</p> <ul style="list-style-type: none"> <li>• ONLINE (16:00 - 17:00) [305] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul>	
<p>doc. dr. sc. Prpić Tomislav, dr. med. [305]</p>	
<p><b>05.03.2025</b></p>	

	<p>Practical 11-15. History and clinical examination of the knee and lower leg:</p> <ul style="list-style-type: none"> <li>• Orthopedics (07:00 - 13:00) [1950] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS B1</li> </ul> </li> <li>• Orthopedics Lovran (08:00 - 15:00) [1429] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS A1</li> </ul> </li> <li>• Orthopedics Lovran (08:00 - 13:00) [1429] [1950] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS B2</li> <li>◦ ORTHOPAEDICS A2</li> </ul> </li> <li>• Orthopedics (08:00 - 13:00) [1950] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS B1</li> </ul> </li> </ul>
<p>naslovni asistent Gulan Leo, dr. med. [1429] · naslovni asistent Tudor Karlo, dr. med. [1950]</p>	
<p><b>06.03.2025</b></p>	
<p>L20. i L21. The elbow and forearm:</p> <ul style="list-style-type: none"> <li>• ONLINE (16:00 - 17:00) [305] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> <p>L22. The wrist and the hand:</p> <ul style="list-style-type: none"> <li>• ONLINE (17:00 - 18:00) [302] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> <p>L23., L24. The hip and upper leg:</p> <ul style="list-style-type: none"> <li>• ONLINE (18:00 - 20:00) [305] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> <p>L25.,L26 The knee and lower leg:</p> <ul style="list-style-type: none"> <li>• ONLINE (19:00 - 20:00) [303] <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul>	
<p>prof. dr. sc. Gulan Gordan, dr. med. [303] · izv. prof. dr. sc. Jotanović Zdravko, dr. med. [302] · doc. dr. sc. Prpić Tomislav, dr. med. [305]</p>	
<p><b>07.03.2025</b></p>	
	<p>Practical 11-15. History and clinical examination of the knee and lower leg:</p> <ul style="list-style-type: none"> <li>• Orthopedics Lovran (08:00 - 13:00) [1429] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS C1</li> </ul> </li> </ul> <p>Practical 16-20. History and clinical examination of the foot and ankle:</p> <ul style="list-style-type: none"> <li>• Orthopedics (08:00 - 13:00) [1950] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS B2</li> <li>◦ ORTHOPAEDICS B1</li> </ul> </li> </ul>
<p>naslovni asistent Gulan Leo, dr. med. [1429] · naslovni asistent Tudor Karlo, dr. med. [1950]</p>	
<p><b>10.03.2025</b></p>	
	<p>Practical 16-20. History and clinical examination of the foot and ankle:</p> <ul style="list-style-type: none"> <li>• Orthopedics Lovran (07:00 - 13:00) [1950] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS C1</li> </ul> </li> <li>• Orthopedics (08:00 - 13:00) [1429] <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS A1</li> <li>◦ ORTHOPAEDICS A2</li> </ul> </li> </ul>
<p>naslovni asistent Gulan Leo, dr. med. [1429] · naslovni asistent Tudor Karlo, dr. med. [1950]</p>	
<p><b>11.03.2025</b></p>	

<p>L25.,L26 The knee and lower leg:  <ul style="list-style-type: none"> <li>• ONLINE (16:00 - 17:00) <sup>[303]</sup> <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> </p> <p>L27.,L28. The foot and ankle:  <ul style="list-style-type: none"> <li>• ONLINE (17:00 - 19:00) <sup>[304]</sup> <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> </p> <p>L29.,L30 Tumors of musculoskeletal system:  <ul style="list-style-type: none"> <li>• ONLINE (18:00 - 20:00) <sup>[305]</sup> <ul style="list-style-type: none"> <li>◦ O_393</li> </ul> </li> </ul> </p>	
<p>prof. dr. sc. Gulan Gordan, dr. med. <sup>[303]</sup> · doc. dr. sc. Prpić Tomislav, dr. med. <sup>[305]</sup> · prof. dr. sc. Šantić Veljko, dr. med. <sup>[304]</sup></p>	
<p><b>12.03.2025</b></p>	
	<p>Practical 21-25. History and clinical examination of the shoulder, upper arm, elbow and lower arm:  <ul style="list-style-type: none"> <li>• Orthopedics Lovran (08:00 - 15:00) <sup>[1429]</sup> <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS A1</li> </ul> </li> <li>• Orthopedics Lovran (08:00 - 05:00) <sup>[1429]</sup> <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS A2</li> </ul> </li> <li>• Orthopedics (08:00 - 13:00) <sup>[1950]</sup> <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS B2</li> <li>◦ ORTHOPAEDICS B1</li> </ul> </li> </ul> </p>
<p>naslovni asistent Gulan Leo, dr. med. <sup>[1429]</sup> · naslovni asistent Tudor Karlo, dr. med. <sup>[1950]</sup></p>	
<p><b>13.03.2025</b></p>	
	<p>Practical 21-25. History and clinical examination of the shoulder, upper arm, elbow and lower arm:  <ul style="list-style-type: none"> <li>• Orthopedics Lovran (08:00 - 13:00) <sup>[1950]</sup> <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS C1</li> </ul> </li> </ul> <p>Practical 26-32. History and clinical examination of the wrist and the hand:  <ul style="list-style-type: none"> <li>• Orthopedics (08:00 - 15:00) <sup>[1429]</sup> <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS B1</li> </ul> </li> <li>• Orthopedics Lovran (08:00 - 15:00) <sup>[1429]</sup> <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS B2</li> </ul> </li> </ul> </p> </p>
<p>naslovni asistent Gulan Leo, dr. med. <sup>[1429]</sup> · naslovni asistent Tudor Karlo, dr. med. <sup>[1950]</sup></p>	
<p><b>14.03.2025</b></p>	
	<p>Practical 26-32. History and clinical examination of the wrist and the hand:  <ul style="list-style-type: none"> <li>• Orthopedics (08:00 - 15:00) <sup>[1429]</sup> <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS C1</li> </ul> </li> <li>• Orthopedics Lovran (08:00 - 15:00) <sup>[1429] [1950]</sup> <ul style="list-style-type: none"> <li>◦ ORTHOPAEDICS A2</li> <li>◦ ORTHOPAEDICS A1</li> </ul> </li> </ul> </p>
<p>naslovni asistent Gulan Leo, dr. med. <sup>[1429]</sup> · naslovni asistent Tudor Karlo, dr. med. <sup>[1950]</sup></p>	

### List of lectures, seminars and practicals:

LECTURES (TOPIC)	Number of hours	Location
L1. Introduction and history of orthopedics	1	Orthopedics Lovran
L2. History,clinical examination, types of orthopaedic operations	1	Orthopedics Lovran
L3. Diagnostic imaging (plain radiography,computed tomography,magnetic resonance imaging,ultrasound,radionuclide imaging)	1	Orthopedics Lovran

L4. Tissues of musculoskeletal system	1	Orthopedics Lovran
L5. Normal bone healing	1	Orthopedics Lovran
L6. Impaired bone healing	1	ONLINE
L7. Bone remodelling and endocrine disorders of skeletal system	1	ONLINE
L8. Metabolic disorders of skeletal system	1	ONLINE
L9., L10. Infections of musculoskeletal system	2	ONLINE
L11., L12. Degenerative disorders of musculoskeletal system	2	ONLINE
L13. Children's orthopedics: immature skeleton	1	ONLINE
L14. Children's orthopedics: the hip	1	ONLINE
L15. Children's orthopedics: the foot	1	ONLINE
L16., L17. The neck and pectoral girdle disorders	2	ONLINE
L18., L19. The shoulder and upper arm	2	ONLINE
L20. i L21. The elbow and forearm	2	ONLINE
L22. The wrist and the hand	1	ONLINE
L23., L24. The hip and upper leg	2	ONLINE
L25., L26. The knee and lower leg	2	ONLINE
L27., L28. The foot and ankle	2	ONLINE
L29., L30. Tumors of musculoskeletal system	2	ONLINE

<b>PRACTICALS (TOPIC)</b>	<b>Number of hours</b>	<b>Location</b>
Practicals 1-5. History and clinical examination of the spine	5	Orthopedics Orthopedics Lovran
Practicals 6-10. History and clinical examination of the hip and upper leg	6	Orthopedics Orthopedics Lovran
Practical 11-15. History and clinical examination of the knee and lower leg	6	Orthopedics Orthopedics Lovran
Practical 16-20. History and clinical examination of the foot and ankle	5	Orthopedics Orthopedics Lovran
Practical 21-25. History and clinical examination of the shoulder, upper arm, elbow and lower arm	5	Orthopedics Orthopedics Lovran
Practical 26-32. History and clinical examination of the wrist and the hand	5	Orthopedics Orthopedics Lovran

**EXAM DATES (final exam):**

1.	17.03.2025.
2.	04.09.2025.
3.	18.09.2025.