

Faculty of Medicine in Rijeka

**Curriculum
2024/2025**

For course

Fiziologija s patofiziologijom

Study program:	Medicinsko laboratorijska dijagnostika (R) University undergraduate study
Department:	Department of Physiology, Immunology and Pathophysiology
Course coordinator:	prof. dr. sc. Grabušić Kristina, dipl. ing. biol.
Year of study:	2
ECTS:	7
Incentive ECTS:	0 (0.00%)
Foreign language:	No

Course information:

List of assigned reading:

List of optional reading:

Curriculum:

Practicals list (with titles and explanation):

V1

Mehanizmi staničnog transporta i membranska permeabilnost (Exercise 1); Neurofiziologija živčanih impulse (Exercise 3).

V2

Fiziologija skeletnog mišića (Exercise 2) i kardiovaskularnog sustava (Exercise 5 i 6).

V3

Mehanika respiracijskog sustava (Exercise 7). Fiziologija bubrega (Exercise 9).

V4

Kemijski i fizikalni procesi probave (Exercise 8).

V5

Fiziologija endokrinog sustava (Exercise 4).

Lectures list (with titles and explanation):

P1

Uvodno predavanje. Membranski i akcijski potencijal.

P2

Živčani sustav

P3

Mišićno-koštani sustav

P4

Kardiovaskularni sustav

P5

Respiracija

P6

Bubrezi i tjelesne tekućine

P7

Probavni sustav

P8

Metabolizam i jetra

P9

Endokrini sustav, I. dio

P10

Endokrini sustav, II. dio

Seminars list (with titles and explanation):**S1**

Osnovni stanični i tkivni odgovori na oštećenje

S2

Patofiziologija živčanog sustava

S3

Patofiziologija mišićno-koštanog sustava

S4

Patofiziologija kardiovaskularnog sustava

S5

Patofiziologija respiratornog sustava

S6

Patofiziologija bubrega

S7

Patofiziologija probavnog sustava

S8

Patofiziologija jetre, gušterača i šećerna bolest

S9

Endokrinopatije, I. dio

S10

Endokrinopatije, II. dio

S11

Studentska izlaganja

Student obligations:**Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):****Other notes (related to the course) important for students:**

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COURSE HOURS 2024/2025

Fiziologija s patofiziologijom

Lectures (Place and time or group)	Practicals (Place and time or group)	Seminars (Place and time or group)
07.10.2024		
P1: • v (08:00 - 08:45) [523] ◦ FSP_697 • v (08:45 - 09:30) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
11.10.2024		
		S1: • P07 (08:15 - 09:00) [523] ◦ FSP_697 • P07 (09:15 - 10:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
14.10.2024		
P2: • P03 - IT CLASSROOM (08:15 - 09:00) [523] ◦ FSP_697 • P03 - IT CLASSROOM (09:15 - 10:00) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
18.10.2024		
		S2: • P03 - IT CLASSROOM (10:15 - 11:00) [523] ◦ FSP_697 • P03 - IT CLASSROOM (11:15 - 12:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
21.10.2024		
P3: • ONLINE (08:15 - 09:00) [523] ◦ FSP_697 • ONLINE (09:15 - 10:00) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
25.10.2024		

		S3: • ONLINE (13:15 - 14:00) [523] ◦ FSP_697 • ONLINE (14:15 - 15:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
28.10.2024		
P4: • ONLINE (09:15 - 10:00) [523] ◦ FSP_697 • ONLINE (10:15 - 11:00) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
30.10.2024		
		S4: • P07 (10:15 - 11:00) [523] ◦ FSP_697 • P07 (11:15 - 12:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
05.11.2024		
P5: • ONLINE (10:15 - 11:00) [523] ◦ FSP_697 • ONLINE (11:15 - 12:00) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
08.11.2024		
		S5: • P02 (12:15 - 13:00) [523] ◦ FSP_697 • P02 (13:15 - 14:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
14.11.2024		
P6: • P01 (15:15 - 16:00) [523] ◦ FSP_697 • P01 (16:15 - 17:00) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
15.11.2024		
		S6: • ONLINE (08:15 - 09:00) [523] ◦ FSP_697 • ONLINE (09:15 - 10:00) [523] ◦ FSP_697

prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
20.11.2024		
P7: • Department of Physiology - Seminarska (13:15 - 14:00) [523] ◦ FSP_697 • Department of Physiology - Seminarska (14:15 - 15:00) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
22.11.2024		
		S7: • Department of Physiology - Seminarska (12:15 - 13:00) [523] ◦ FSP_697 • Department of Physiology - Seminarska (13:15 - 14:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
25.11.2024		
P8: • ONLINE (14:15 - 15:00) [523] ◦ FSP_697 • ONLINE (15:15 - 16:00) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
26.11.2024		
		S8: • v (13:15 - 14:00) [523] ◦ FSP_697 • v (14:15 - 15:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
03.12.2024		
P9: • P01 (14:15 - 15:00) [523] ◦ FSP_697 • P01 (15:15 - 16:00) [523] ◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
06.12.2024		
		S9: • v (11:30 - 12:15) [523] ◦ FSP_697 • v (12:15 - 13:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		

09.12.2024		
P10:		
- Department of Physiology - Exercise room (13:15 - 14:00) ^[523] - FSP_697 - Department of Physiology - Exercise room (14:15 - 15:00) ^[523] - FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
13.12.2024		
		S10: - P01 (12:15 - 13:00) ^[523] - FSP_697 - P01 (13:15 - 14:00) ^[523] - FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
13.01.2025		
	V1: - Department of Physiology - Exercise room (12:00 - 14:15) ^[523] - FSP_697	S11: - Department of Physiology - Seminarska (08:15 - 11:00) ^[523] - FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
14.01.2025		
		S11: - Department of Physiology - Seminarska (08:15 - 11:00) ^[523] - FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
15.01.2025		
		S11: - Department of Physiology - Seminarska (13:15 - 15:00) ^[523] - FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
16.01.2025		
	V2: - Department of Physiology - Exercise room (12:15 - 14:30) ^[523] - FSP_697	
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
17.01.2025		
	V3: - Department of Physiology - Exercise room (08:15 - 10:30) ^[523] - FSP_697	

prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
20.01.2025		
	V4: - Department of Physiology - Exercise room (08:15 - 10:30) [523] - FSP_697	
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
21.01.2025		
		S11: - Department of Physiology - Seminarska (08:15 - 11:00) [523] - FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
22.01.2025		
	V5: - Department of Physiology - Exercise room (13:15 - 16:00) [523] - FSP_697	
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		

List of lectures, seminars and practicals:

LECTURES (TOPIC)	Number of hours	Location
P1	2	v
P2	2	P03 - IT CLASSROOM
P3	2	ONLINE
P4	2	ONLINE
P5	2	ONLINE
P6	2	P01
P7	2	Department of Physiology - Seminarska
P8	2	ONLINE
P9	2	P01
P10	2	Department of Physiology - Exercise room

PRACTICALS (TOPIC)	Number of hours	Location
V1	3	Department of Physiology - Exercise room
V2	3	Department of Physiology - Exercise room
V3	3	Department of Physiology - Exercise room
V4	3	Department of Physiology - Exercise room

V5	3	Department of Physiology - Exercise room
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SEMINARS (TOPIC)	Number of hours	Location
S1	2	P07
S2	2	P03 - IT CLASSROOM
S3	2	ONLINE
S4	2	P07
S5	2	P02
S6	2	ONLINE
S7	2	Department of Physiology - Seminarska
S8	2	v
S9	2	v
S10	2	P01
S11	10	Department of Physiology - Seminarska

EXAM DATES (final exam):
