

[Medicinski fakultet u Rijeci]

Curriculum 2024/2025

[Za kolegij]

Fiziologija s patofiziologijom

Study programme: **Medicinsko laboratorijska dijagnostika (R)**
[Sveučilišni prijediplomski studij]

Department: **[Katedra za fiziologiju, imunologiju i patofiziologiju]**

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:

Exercises 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)	Exercises (Place and time or group)	Seminars (Place and time or group)
07.10.2024		
P1: <ul style="list-style-type: none">• [P05] (08:00 - 08:45) [523]<ul style="list-style-type: none">◦ FSP_697• [P05] (08:45 - 09:30) [523]<ul style="list-style-type: none">◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
11.10.2024		
		S1: <ul style="list-style-type: none">• [P07] (08:15 - 09:00) [523]<ul style="list-style-type: none">◦ FSP_697• [P07] (09:15 - 10:00) [523]<ul style="list-style-type: none">◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
14.10.2024		
P2: <ul style="list-style-type: none">• [P03 - INFORMATIČKA UČIONICA] (08:15 - 09:00) [523]<ul style="list-style-type: none">◦ FSP_697• [P03 - INFORMATIČKA UČIONICA] (09:15 - 10:00) [523]<ul style="list-style-type: none">◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
18.10.2024		
		S2: <ul style="list-style-type: none">• [P03 - INFORMATIČKA UČIONICA] (10:15 - 11:00) [523]<ul style="list-style-type: none">◦ FSP_697• [P03 - INFORMATIČKA UČIONICA] (11:15 - 12:00) [523]<ul style="list-style-type: none">◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
21.10.2024		
P3: <ul style="list-style-type: none">• [ONLINE] (08:15 - 09:00) [523]<ul style="list-style-type: none">◦ FSP_697• [ONLINE] (09:15 - 10:00) [523]<ul style="list-style-type: none">◦ FSP_697		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
25.10.2024		

		<p>S3:</p> <ul style="list-style-type: none"> • [ONLINE] (13:15 - 14:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 • [ONLINE] (14:15 - 15:00) [523] <ul style="list-style-type: none"> ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
28.10.2024		
<p>P4:</p> <ul style="list-style-type: none"> • [ONLINE] (09:15 - 10:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 • [ONLINE] (10:15 - 11:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
30.10.2024		
		<p>S4:</p> <ul style="list-style-type: none"> • [P07] (10:15 - 11:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 • [P07] (11:15 - 12:00) [523] <ul style="list-style-type: none"> ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
05.11.2024		
<p>P5:</p> <ul style="list-style-type: none"> • [ONLINE] (10:15 - 11:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 • [ONLINE] (11:15 - 12:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
08.11.2024		
		<p>S5:</p> <ul style="list-style-type: none"> • [P02] (12:15 - 13:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 • [P02] (13:15 - 14:00) [523] <ul style="list-style-type: none"> ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
14.11.2024		
<p>P6:</p> <ul style="list-style-type: none"> • [P01] (15:15 - 16:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 • [P01] (16:15 - 17:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
15.11.2024		
		<p>S6:</p> <ul style="list-style-type: none"> • [ONLINE] (08:15 - 09:00) [523] <ul style="list-style-type: none"> ◦ FSP_697 • [ONLINE] (09:15 - 10:00) [523] <ul style="list-style-type: none"> ◦ FSP_697

prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]

20.11.2024

P7:

- [Zavod za fiziologiju - Seminarska] (13:15 - 14:00) [523]
 - FSP_697
- [Zavod za fiziologiju - Seminarska] (14:15 - 15:00) [523]
 - FSP_697

prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]

22.11.2024

S7:

- [Zavod za fiziologiju - Seminarska] (12:15 - 13:00) [523]
 - FSP_697
- [Zavod za fiziologiju - 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:

- [P05] (13:15 - 14:00) [523]
 - FSP_697
- [P05] (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:

- [P05] (11:30 - 12:15) [523]
 - FSP_697
- [P05] (12:15 - 13:00) [523]
 - FSP_697

prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]

09.12.2024		
P10:		
<ul style="list-style-type: none"> • [Zavod za fiziologiju - Vježbaonica] (13:15 - 14:00) ^[523] <ul style="list-style-type: none"> ◦ FSP_697 • [Zavod za fiziologiju - Vježbaonica] (14:15 - 15:00) ^[523] <ul style="list-style-type: none"> ◦ FSP_697 		
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
13.12.2024		
		S10:
		<ul style="list-style-type: none"> • [P01] (12:15 - 13:00) ^[523] <ul style="list-style-type: none"> ◦ FSP_697 • [P01] (13:15 - 14:00) ^[523] <ul style="list-style-type: none"> ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
13.01.2025		
	V1:	S11:
	<ul style="list-style-type: none"> • [Zavod za fiziologiju - Vježbaonica] (12:00 - 14:15) ^[523] <ul style="list-style-type: none"> ◦ FSP_697 	<ul style="list-style-type: none"> • [Zavod za fiziologiju - Seminarska] (08:15 - 11:00) ^[523] <ul style="list-style-type: none"> ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
14.01.2025		
		S11:
		<ul style="list-style-type: none"> • [Zavod za fiziologiju - Seminarska] (08:15 - 11:00) ^[523] <ul style="list-style-type: none"> ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
15.01.2025		
		S11:
		<ul style="list-style-type: none"> • [Zavod za fiziologiju - Seminarska] (13:15 - 15:00) ^[523] <ul style="list-style-type: none"> ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
16.01.2025		
	V2:	
	<ul style="list-style-type: none"> • [Zavod za fiziologiju - Vježbaonica] (12:15 - 14:30) ^[523] <ul style="list-style-type: none"> ◦ FSP_697 	
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. ^[523]		
17.01.2025		
	V3:	
	<ul style="list-style-type: none"> • [Zavod za fiziologiju - Vježbaonica] (08:15 - 10:30) ^[523] <ul style="list-style-type: none"> ◦ FSP_697 	

prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
20.01.2025		
	V4: • [Zavod za fiziologiju - Vježbaonica] (08:15 - 10:30) [523] ◦ FSP_697	
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
21.01.2025		
		S11: • [Zavod za fiziologiju - Seminarska] (08:15 - 11:00) [523] ◦ FSP_697
prof. dr. sc. Grabušić Kristina, dipl. ing. biol. [523]		
22.01.2025		
	V5: • [Zavod za fiziologiju - Vježbaonica] (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	[P05]
P2	2	[P03 - INFORMATIČKA UČIONICA]
P3	2	[ONLINE]
P4	2	[ONLINE]
P5	2	[ONLINE]
P6	2	[P01]
P7	2	[Zavod za fiziologiju - Seminarska]
P8	2	[ONLINE]
P9	2	[P01]
P10	2	[Zavod za fiziologiju - Vježbaonica]

EXERCISES (TOPIC)	Number of hours	Location
V1	3	[Zavod za fiziologiju - Vježbaonica]
V2	3	[Zavod za fiziologiju - Vježbaonica]
V3	3	[Zavod za fiziologiju - Vježbaonica]
V4	3	[Zavod za fiziologiju - Vježbaonica]

V5	3	[Zavod za fiziologiju - Vježbaonica]
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SEMINARS (TOPIC)	Number of hours	Location
S1	2	[P07]
S2	2	[P03 - INFORMATIČKA UČIONICA]
S3	2	[ONLINE]
S4	2	[P07]
S5	2	[P02]
S6	2	[ONLINE]
S7	2	[Zavod za fiziologiju - Seminaraska]
S8	2	[P05]
S9	2	[P05]
S10	2	[P01]
S11	10	[Zavod za fiziologiju - Seminaraska]

EXAM DATES (final exam):
