

Medicinski fakultet u Rijeci

**IZVEDBENI NASTAVNI PLAN  
2023/2024**

Za kolegij

**Where Economics Meets Medicine**

Studij:	<b>Medical Studies in English (R)</b> (izborni) Sveučilišni integrirani prijediplomski i diplomski studij
Katedra:	<b>Katedra za fiziologiju, imunologiju i patofiziologiju</b>
Nositelj kolegija:	<b>prof. dr. sc. Blagojević Zagorac Gordana, dr. med.</b>
Godina studija:	<b>4</b>
ECTS:	<b>1.5</b>
Stimulativni ECTS:	<b>0 (0.00%)</b>
Strani jezik:	<b>Mogućnost izvođenja na stranom jeziku</b>

**Podaci o kolegiju:**

The aim of this course is to teach students basic economic terms, economic methods and analyses, and their practical application in healthcare. During this course, students will learn about:

Economic methods and analyzes that are most often used in healthcare (Cost-benefit analysis, Cost-effect analysis, Cost-benefit analysis, Cost minimization analysis) and their application

The market of health services and its specificities

The drug market and its specificities

Methods of assessing the rationality of drug consumption and their application

**Popis obvezne ispitne literature:**

Lectures (pptx presentations)

**Popis dopunske literature:****Način polaganja ispita:**

Student work will be assessed and graded during the course and on the final exam. During the course, students may obtain a total of 100 grade points. Students may achieve up to 70 grade points during classes, and up to 30 grade points at the final exam. During classes, students will be evaluated by the seminar presentation on given topic. Final exam is on the written form only it consists 15-25 questions.

## **Nastavni plan:**

### **Predavanja popis (s naslovima i pojašnjenjem):**

#### **Predavanje 1 - "Health care systems"**

To understand the basic models of the organization of the health system in the world, and to understand the functioning of the health system in the Republic of Croatia.

#### **Predavanje 2 - "Drug consumption and drug marketing"**

- Understand methods for monitoring drug consumption and know how to apply them
- Know how to evaluate the rationality of drug consumption
- Understand the specifics of the market for health services and medicines

#### **Predavanje 3 - "Pharmacoeconomic methods and analyses"**

Understand and know how to apply basic economic methods and analyzes when deciding on the distribution of limited resources

### **Vježbe popis (s naslovima i pojašnjenjem):**

#### **Vježba 1 - "Drug advertising and drug use"**

- Know how to calculate DDD
- Know how to evaluate the rationality and quality of prescribing medicines
- Understand the basic principles of drug advertising

#### **Vježba 2 - "Pharmacoeconomic methods and techniques"**

- Understand and know how to apply basic economic techniques and methods
- Know how to calculate the ICER
- Know how to apply cost effectiveness analysis

### **Seminari popis (s naslovima i pojašnjenjem):**

#### **Seminar 1**

Types of economic markets

Specifics of the healthcare market

Model of organization of the health system in the Republic of Croatia – advantages and disadvantages

#### **Seminar 2**

Direct advertising of prescription drugs to consumers: for health or for profit?

Pfizer - BEXTRA scandal

Cost-of-illness studies – basic principles

#### **Seminar 3**

Economic analysis in healthcare – is it applicable?

Organization of the healthcare system in Germany

Organization of the healthcare system in Kosovo

**Obveze studenata:**

**Students are obliged to attend classes and actively participate in classes. Furthermore, students are required to create a short seminar on a given topic and present it during class. A student who misses more than 30% of classes loses the right to take the final exam, which consists only of the written part.**

**Ispit (način polaganja ispita, opis pisanog/usmenog/praktičnog dijela ispita, način bodovanja, kriterij ocjenjivanja):**

**A student who misses more than 30% of classes loses the right to take the final exam, which consists only of the written part.**

**Ostale napomene (vezane uz kolegij) važne za studente:**

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# SATNICA IZVOĐENJA NASTAVE 2023/2024

Where Economics Meets Medicine

<b>Predavanja</b> (mjesto i vrijeme / grupa)	<b>Vježbe</b> (mjesto i vrijeme / grupa)	<b>Seminari</b> (mjesto i vrijeme / grupa)
<b>24.10.2023</b>		
Predavanje 1 - "Health care systems": <ul style="list-style-type: none"><li>• Zavod za fiziologiju - Seminarska (16:00 - 16:45) <sup>[394]</sup><ul style="list-style-type: none"><li>◦ WEMM</li></ul></li></ul>		
prof. dr. sc. Blagojević Zagorac Gordana, dr. med. <sup>[394]</sup>		
<b>25.10.2023</b>		
Predavanje 2 - "Drug consumption and drug marketing": <ul style="list-style-type: none"><li>• ONLINE (14:15 - 15:45) <sup>[394]</sup><ul style="list-style-type: none"><li>◦ WEMM</li></ul></li></ul>		
prof. dr. sc. Blagojević Zagorac Gordana, dr. med. <sup>[394]</sup>		
<b>27.10.2023</b>		
Predavanje 3 - "Pharmacoeconomic methods and analyses": <ul style="list-style-type: none"><li>• Zavod za fiziologiju - Vježbaonica (11:30 - 13:00) <sup>[394]</sup><ul style="list-style-type: none"><li>◦ WEMM</li></ul></li></ul>	Vježba 1 - "Drug advertising and drug use": <ul style="list-style-type: none"><li>• Zavod za fiziologiju - Vježbaonica (13:00 - 14:30) <sup>[394]</sup><ul style="list-style-type: none"><li>◦ WEMM</li></ul></li></ul> Vježba 2 - "Pharmacoeconomic methods and techniques": <ul style="list-style-type: none"><li>• P07 (15:00 - 17:15) <sup>[394]</sup><ul style="list-style-type: none"><li>◦ WEMM</li></ul></li></ul>	
prof. dr. sc. Blagojević Zagorac Gordana, dr. med. <sup>[394]</sup>		
<b>31.10.2023</b>		
		Seminar 1: <ul style="list-style-type: none"><li>• Zavod za fiziologiju - Seminarska (16:00 - 19:45) <sup>[394]</sup><ul style="list-style-type: none"><li>◦ WEMM</li></ul></li></ul>
prof. dr. sc. Blagojević Zagorac Gordana, dr. med. <sup>[394]</sup>		
<b>03.11.2023</b>		
		Seminar 2: <ul style="list-style-type: none"><li>• Zavod za fiziologiju - Vježbaonica (15:15 - 19:00) <sup>[394]</sup><ul style="list-style-type: none"><li>◦ WEMM</li></ul></li></ul>
prof. dr. sc. Blagojević Zagorac Gordana, dr. med. <sup>[394]</sup>		
<b>07.11.2023</b>		
		Seminar 3: <ul style="list-style-type: none"><li>• Zavod za fiziologiju - Seminarska (13:15 - 17:00) <sup>[394]</sup><ul style="list-style-type: none"><li>◦ WEMM</li></ul></li></ul>
prof. dr. sc. Blagojević Zagorac Gordana, dr. med. <sup>[394]</sup>		

**Popis predavanja, seminara i vježbi:**

<b>PREDAVANJA (TEMA)</b>	<b>Broj sati</b>	<b>Mjesto održavanja</b>
Predavanje 1 - "Health care systems"	1	Zavod za fiziologiju - Seminarska
Predavanje 2 - "Drug consumption and drug marketing"	2	ONLINE
Predavanje 3 - "Pharmacoeconomic methods and analyses"	2	Zavod za fiziologiju - Vježbaonica

<b>VJEŽBE (TEMA)</b>	<b>Broj sati</b>	<b>Mjesto održavanja</b>
Vježba 1 - "Drug advertising and drug use"	1	Zavod za fiziologiju - Vježbaonica
Vježba 2 - "Pharmacoeconomic methods and techniques"	4	P07

<b>SEMINARI (TEMA)</b>	<b>Broj sati</b>	<b>Mjesto održavanja</b>
Seminar 1	5	Zavod za fiziologiju - Seminarska
Seminar 2	5	Zavod za fiziologiju - Vježbaonica
Seminar 3	5	Zavod za fiziologiju - Seminarska

**ISPITNI TERMINI (završni ispit):**

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