

Medicinski fakultet u Rijeci

**IZVEDBENI NASTAVNI PLAN  
2023/2024**

Za kolegij

**Chemistry Essentials for Medical Practice**

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| Studij:            | <b>Medical Studies in English (R)</b> (izborni)<br>Sveučilišni integrirani prijediplomski i diplomski studij |
| Katedra:           | <b>Katedra za medicinsku kemiju, biokemiju i kliničku kemiju</b>                                             |
| Nositelj kolegija: | <b>izv. prof. dr. sc. Petković Didović Mirna, dipl. ing. kemije</b>                                          |
| Godina studija:    | <b>1</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 apply the basic chemical concepts to problems pertaining to medical chemistry. Through topics relevant in modern medicine, the understanding and the interconnections of the concepts met in mandatory chemistry courses will be deepened and further integrated into medical studies.**

## **Popis obvezne ispitne literature:**

1. R.H. Petrucci, F.G. Herring, J.D. Madura, C. Bissonnette: General Chemistry - Principles and Modern Applications, 10th edition, Pearson Canada Inc., Toronto, Ontario, 2011; McMurry, J.: Fundamentals of Organic Chemistry, 8th Edition, Cengage Learning, 2017;
2. McMurry, J.: Fundamentals of Organic Chemistry, 8th Edition, Cengage Learning, 2017;

## **Popis dopunske literature:**

1. Berg, Tymoczko, Stryer: Biochemistry, 5th edition, NY
2. Any general or medical chemistry textbook.
3. Any biochemistry textbook.

## **Nastavni plan:**

### **Obveze studenata:**

Regular class attendance and active participation in discussions. Preparing and holding the seminar on the chosen topic.

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

Active attendance at a minimum of 70 % of classes. Successfully held seminar on the chosen topic.

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

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## **SATNICA IZVOĐENJA NASTAVE 2023/2024**

Chemistry Essentials for Medical Practice

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### **Popis predavanja, seminara i vježbi:**

### **ISPITNI TERMINI (završni ispit):**

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