[Medicinski fakultet u Rijeci]

Curriculum
2023/2024

[Za kolegij]

Chemistry Essentials for Medical Practice

Study program:	**Medical Studies in English (R)** (elective) [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Katedra za medicinsku kemiju, biokemiju i kliničku kemiju]**
Course coordinator:	**izv. prof. dr. sc. Petković Didović Mirna, dipl. ing. kemije**
Year of study:	**1**
ECTS:	**1.5**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

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.

List of assigned reading:

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;

List of optional reading:

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

Curriculum:

Student obligations:

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

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

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

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

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COURSE HOURS 2023/2024

Chemistry Essentials for Medical Practice

List of lectures, seminars and practicals:

EXAM DATES (final exam):
