[Medicinski fakultet u Rijeci]

Curriculum
2022/2023

[Za kolegij]

Robotics in Medicine

Study program:	**Medical Studies in English (R)** (elective) [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Centar za biomodeliranje i inovacije u medicini]**
Course coordinator:	**izv. prof. dr. sc. Maričić Sven**
Year of study:	**3**
ECTS:	**1.5**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

Utilizing robotic systems in biomedicine and pharmaceutical manufacturing, along with the integration of cutting-edge information and communication technologies within the virtual space of preclinical environments. Acquainting students with a several robotic systems, providing an technology introduction to biotechnological applications and robotics laws. The structure and operational principles of robotic systems, developing skills in their use and navigating within virtual 3D space.

List of assigned reading:

List of optional reading:

Curriculum:

Student obligations:

Regular attendance of classes, writing of a seminar paper.

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:

Uporaba robotskih sustava u biomedicini i proizvodnji lijekova. Razvoj informacijskih i komunikacijskih tehnologija virtualnog prostora u predkliničkom okruženju. Upoznavanje studenata s različitim robotskim sustavima. Upoznavanje s biotehnološkim smjernicama i zakonima robotike. Građa i načela rada robotskih sustava te vještine korištenja i snalaženje u 3D prostoru.

COURSE HOURS 2022/2023

Robotics in Medicine

List of lectures, seminars and practicals:

EXAM DATES (final exam):
