

Medicinski fakultet u Rijeci

**IZVEDBENI NASTAVNI PLAN  
2021/2022**

Za kolegij

**Ethics and Artificial Intelligence**

Studij:	<b>Medical Studies in English (R)</b> (izborni) Sveučilišni integrirani prijediplomski i diplomski studij
Katedra:	<b>Katedra za društvene i humanističke znanosti u medicini</b>
Nositelj kolegija:	<b>izv. prof. dr. sc. Horvat Saša</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:**

Introduce participants with fundamental ethical issues related to the development and application of artificial intelligence.

## **Popis obvezne ispitne literature:**

Lecture presentations.

Christoph Bartneck , Christoph Lütge , Alan Wagner , Sean Welsh, *An Introduction to Ethics in Robotics and AI*, Springer, 2021.  
Open access: <https://link.springer.com/book/10.1007/978-3-030-51110-4>

Silja Voenekey, Philipp Kellmeyer, Oliver Mueller, Wolfram Burgard, *The Cambridge Handbook of Responsible Artificial Intelligence: Interdisciplinary Perspectives*, Cambridge, 2022. (selected parts)

High-Level Expert Group on Artificial Intelligence (AI HLEG). *Ethics Guidelines for Trustworthy AI*, Brussels, 2019, available at: <https://ec.europa.eu/futurium/en/ai-alliance-consultation.1.html> (selected parts)

Niklas Lidströmer, Hutan Ashrafian (eds.), *Artificial Intelligence in Medicine*, Springer, 2022. (selected parts)

## **Popis dopunske literature:**

Manda Raz, Tam C. Nguyen, Erwin Loh (eds.), *Artificial Intelligence in Medicine. Applications, Limitations and Future Directions*, Springer, 2022. (selected parts)

## **Nastavni plan:**

### **Obveze studenata:**

Regular attendance, written seminar paper and final examination.

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

Assessment is carried out in accordance with the Rules of Assessment of the Faculty of Medicine, University of Rijeka: course attendance 54 (%), written seminar paper 23 (%), and final exam 23 (%).

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

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## **SATNICA IZVOĐENJA NASTAVE 2021/2022**

Ethics and Artificial Intelligence

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

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

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