[Medicinski fakultet u Rijeci]

Curriculum
2022/2023

[Za kolegij]

Ethics and Artificial Intelligence

Study program:	**Medical Studies in English (R)** (elective) [Sveučilišni integrirani prijediplomski i diplomski studij]
Department:	**[Katedra za društvene i humanističke znanosti u medicini]**
Course coordinator:	**izv. prof. dr. sc. Horvat Saša**
Year of study:	**1**
ECTS:	**1.5**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

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

List of assigned reading:

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 Voeneky, 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)

List of optional reading:

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

Curriculum:

Student obligations:

Regular attendance, written seminar paper and final examination.

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

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 (%).

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

-

COURSE HOURS 2022/2023

Ethics and Artificial Intelligence

List of lectures, seminars and practicals:

EXAM DATES (final exam):
