

ABSTRACT
of the elective discipline
Medical Informatics

Speciality	222 Medicine
Educational degree	Master
Term of study (course)	3 rd and 4 th semesters (2 nd course)
Form of study	full-time
Department	Biological Physics and Medical Informatics

Description of the discipline

The subject of study of the discipline "Medical Informatics" is the information processes that involve the use of IT in health care.

Approximate list of training topics

- Formalization and algorithmization of medical problems. Formal logic in solving problems of diagnosis, treatment and prevention of diseases
- Processing and analysing of medical data using Google Spreadsheets
- Creating of clinical decision support systems.
- Visualization of medical data using Google DataStudio
- Evidence-based medicine and biostatistics

Competencies, the formation of which is contributed by the discipline:

GC7: skills of using information and communication technologies.

SC18: ability to conduct epidemiological and biostatistical research.

Teachers:

Halushko Kateryna
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