



UNIVERSITY of INFORMATION TECHNOLOGY and MANAGEMENT in Rzeszow, POLAND

First-cycle studies

Professional title awarded to graduates: **licencjat**

Field of study: **BIOMEDICAL SCIENCES** study in English

Education profile: **General academic**

Students admitted in the academic year **2023/2024**

Type of study:

· **Full time**

List of courses to complete within the course of studies:

No.	Course title
All-University Courses	
1	English
2	Social Studies - Elective
3	Humanities - Elective
4	Digital Safety and Awareness
5	Personal Business Model
6	Information Technology
7	Protection of Intellectual Property
8	Academic writing skills
9	Health and Safety while Studying
10	Physical Education
Basic Courses	
11	Anatomy with Elements of Histology
12	Physiology
13	First Aid
14	Genetics
15	Inorganic Chemistry
16	Organic Chemistry
17	Basic of Pharmacology
18	Basic of Toxicology
19	Biochemistry with Biophysics
20	Cell Biology
21	Molecular Biology
22	Biostatistics and Big Data
23	Law in Biomedicine
24	Ethics of Biomedical Research and Trials



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	Major-Related Courses
25	Introduction to Medicine
26	General Pathology
27	Pathophysiology
28	Diagnostics and Treatment of Diseases
29	Microbiology
30	Basic of Embryology and Reproductive Biology
31	Introduction to Clinical Trials
32	Basic of Immunology
33	Laboratory Diagnostics
34	Equipment in Medical Diagnostics and Therapy
35	Modern Directions of Biomedical Research
36	Research Paper Writing
37	Diploma Seminar

No.	Social Studies - Elective
1	Intercultural Communication
2	Sociology

No.	Humanities - Elective
1	Ethics
2	Philosophy

Specialty: Monitoring and Coordination of Clinical Trials

No.	Specialty Courses
1	Monitoring and Coordination of Clinical Trials
2	Documentation in Clinical Trials
3	Clinical Trial Management
4	Legal Aspects of Conducting Clinical Trials
5	Ethical Aspects of Conducting Clinical Trials
6	Electronic Systems and Data Management in Clinical Trials
7	Audit in Clinical Trials

Specialty: Experimental Biomedicine

No.	Specialty Courses
1	Cell and Tissue Culture
2	Model Organisms in Pre-clinical Trials
3	Cancer Cell Biology
4	Molecular Diagnostics
5	Regenerative Medicine with Elements of Biology of Aging
6	Pharmaceutical and Cosmetological Biotechnology
7	Medical Nanotechnology