

## SYLLABUS

Name: Bioethics (25-BI-S2-E2-B-AN)

Name in Polish: Bioetyka

Name in English: Bioethics

### Information on course:

Course offered by department: Faculty of Biological Sciences

Course for department: Faculty of Biological Sciences

### Default type of course examination report:

Grading

### Language:

English

### Short description:

Prerequisites regarding knowledge, skills, and social competences for the course/module

Basic knowledge of new biological, biotechnological and biomedical technologies, ability to think and reason logically and analytically, ability to formulate questions and opinions, ability to participate in scientific discussion.

Student's own work:

- preparation for classes: 15h

- reading the literature: 15h

- writing the report: 15h

### Description:

Educational aims:

1. Learning basic knowledge of bioethics as an academic discipline and selected detailed issues of applying ethics in biological, biotechnological and biomedical sciences;
2. Acquiring the ability to analyze bioethical problems and evaluate attitudes distinguishing between appropriate and inappropriate behaviours (consistent with or contradictory to ethical standards);
3. Recognising and understanding the principles of conducting research in the field of biological, biotechnological and biomedical sciences.

Course content:

Seminars

1. The concept, characteristics and methods of bioethics – 2 h;
2. Doctor-patient relationship (from paternalism to autonomy, limits of autonomy, right to information, informed consent, medical confidentiality, communication, medical experiments and clinical trials) -2 h;
3. Status of the human body and its parts (limits of interference, prohibition of commercialization, transplantation) -2 h;
4. Genetics and new technologies (genetic engineering: clinical genetics, gene therapies, human cloning, genetic modification of organisms) -3 h;
5. Ethics of scientific research in biomedicine and biotechnology (researcher's ethics, principles of conducting scientific research with human participation, ethics and pharmaceutical industry, animal experiments) - 6 h

### Bibliography:

Mandatory and recommended reading list:

Basic literature:

Beauchamp T. and Childress J., Principles of Biomedical Ethics, 7th Edition. Oxford. 2013;

Engelhardt, H. Tristram: The Foundations of Bioethics, second edition, Oxford. 1996.

Jecker N., Jonsen A., Pearlman R., Bioethics. An Introduction to the History, Methods, and Practice, 2nd ed. Jones and Bartlett Publishers 2007 .

Additional literature:

Kuhse H., Singer P., Bioethics. An Anthology, 2nd edition, Blackwell 2006.

Legal sources:

Nuremberg Code;

Helsinki Declaration;

Universal Declaration on Bioethics and Human Rights (UNESCO);

Oviedo Convention.

### Learning outcomes:

Intended learning outcomes

Student:

K\_W07

- has knowledge of the basics of bioethics as a field of academic research;

K\_W01

- acquires knowledge in the field of contemporary bioethical challenges, such as: medically assisted procreation, euthanasia, medical experiments and clinical research, genetic engineering and its effects;

- knows the tools offered by bioethics in the assessment of specific cases and in the context of the researcher's behavioral acceptability;

K\_W02

- is able to identify correct and erroneous ethical attitudes;

- is able to justify ethical choices;

- knows and understands the social dimension of bioethical issues;

K\_U03, K\_U07

- identifies and understands the mechanisms of assessment of researchers' and society's behaviour towards bioethical challenges;

K\_K04, K\_K02

- is able to cooperate in a group and react to ethically incorrect behaviour of researchers, in particular, biologists.

**Assessment methods and assessment criteria:**

Assessment methods for the intended learning outcomes:

- participation in discussion, role-playing, working in problem subgroups, solving expert tasks, critical analysis.

Credit requirements for individual components of the course/module:

- preparation of a written report summarizing the tasks performed during the classes according to the scheme prepared by the teacher

**Course credits in various terms:**

**<without a specific program>**

Type of credits	Number	First term	Last term
European Credit Transfer System (ECTS)	2	2023/24-L	