

Nazwa zajęć/Course title:	Etyka	ECTS	2
Nazwa zajęć w j. angielskim/ Course title in English:	Ethics		
Zajęcia dla kierunku studiów/ Degree program name:	Biotechnology		

Język kursu/ Course language:	English	Poziom studiów/Study level:	First cycle studies
Typ studiów/ Form of studies:	<input checked="" type="checkbox"/> intramural <input type="checkbox"/> extramural	Status zajęć/ Course status	<input type="checkbox"/> podstawowe/ basic <input type="checkbox"/> kierunkowe/ major <input type="checkbox"/> obowiązkowe/ mandatory <input checked="" type="checkbox"/> do wyboru/ elective
		Semestr/Semester: 2	<input type="checkbox"/> semestr zimowy/ winter semester <input checked="" type="checkbox"/> semestr letni/ summer semester
Rok akademicki/Academic year:		2022/2023	Numer katalogowy/ Catalogue number: BBT_BTa-1S-2L-19_1

Koordynator zajęć/Course coordinator:	Dr hab. Karol Chrobak			
Prowadzący zajęcia/ Teachers responsible for the course:	Dr hab. Karol Chrobak			
Założenia, cele i opis zajęć/ Aims, objectives and description of the course:	<p>The implementation of new technologies and the increasing possibilities of their interference in our lives means that we are faced with completely new ethical dilemmas. Biotechnological practices (for example, genetic modification) that shape animal and plant organisms are challenging traditional concepts of nature, including human nature. Therefore, we are forced to ask the following questions: who has the right to redesign living organisms? what is the legal and moral status of such creations ?; to what extent can life and nature be regarded as a product subject to the laws of commerce? what restrictions - if any - should be placed on biotechnological innovation involving nature and the human body? on what concepts of humanity and of human dignity and nature could such limitations be based?</p> <p>The classes are designed to familiarize students with the basic concepts and theories of ethics. The latter include such key positions as virtue ethics (Aristotle), deontological ethics (Immanuel Kant), utilitarian ethics (Jeremy Bentham), and legal ethics (John Locke). These theories provide a basis for analyzing key ethical issues and dilemmas related to biotechnology research and putting their results into practice.</p> <p>The broader political (democratic deliberation) and cultural (various religious traditions) perspective will also be considered to shed light on the social conditions for examining and resolving ethical dilemmas related to biotechnology.</p>			
Formy dydaktyczne, liczba godzin/ Teaching forms, number of hours:	a) lecture; number of hours: 30 ;			
Metody dydaktyczne/Teaching methods:	Lecture, discussion, the possibility of using distance learning if necessary.			
Wymagania formalne i założenia wstępne/ Formal requirements and prerequisites	No formal prerequisites			
Efekty uczenia się/Learning outcomes:	treść efektu przypisanego do zajęć/the content of the effect assigned to the course:		Odniesienie do efektu kierunkowego /Relation to the course outcomes	
Wiedza (absolwent zna i rozumie) /Knowledge: (the graduate knows and understands)	W1	The graduate knows and understands ethical terms, principles and theories related to processes and mechanisms which have shaped the world of nature, knowing how they can be used efficiently;	K_W10	3
	W2			
Umiejętności (absolwent potrafi) /Skills: (the graduate is able to)	U1	The graduate is able to utilise proper techniques and knowledge related to ethics in practice, under the care of a supervisor;	K_U01	1
	U2	The graduate is able to assess the ethical conditions of the activities of a biotechnologist;	K_U08	2
Kompetencje (absolwent jest gotów do) /Competences:	K1	The graduate is ready to presenting justified arguments supporting one's standpoint regarding ethical topics influencing the progress in biological sciences	K_K06	1

(The graduate is ready to)	K2	The graduate is ready to recognising the scope and ethical nature of the effects of utilising biotechnology and its impact on the society; settling ethical dilemmas related to the work of a biotechnologist;	K_K07	2
<i>Treści programowe zapewniające uzyskanie efektów uczenia się:</i> <i>/Program contents ensuring the achievement of the learning outcomes:</i>		<ol style="list-style-type: none"> 1. What is ethics? 2. What are main ethical positions? 3. How to understand the concept of nature? 4. Human rights and/versus animal rights 5. What is the ethical debate in biotechnology about? 6. Genetic engineering 7. Cloning 8. Stem cells research 9. Transplantology 10. Production of GMOs 11. Biotechnology patents 12. Posthumanism and transhumanism 13. Religion and biotechnology 14. What is critical bioethics? 15. Democratic tools for solving ethical dilemmas 		
<i>Sposób weryfikacji efektów uczenia się/</i> <i>Methods of the verification of the learning outcomes:</i>		The final grade is the same as the examination grade		
<i>Szczegóły dotyczące sposobów weryfikacji i form dokumentacji osiągniętych efektów uczenia się</i> <i>/Details on the verification methods and of the ways of documenting the learning outcomes:</i>		Examination report, student evaluation sheet		
<i>Elementy i wagi mające wpływ na ocenę końcową/Elements and weights influencing the final grade:</i>		The examination grade makes (in 100%) the final grade obtained from the course		
<i>Miejsce realizacji zajęć/</i> <i>Teaching place:</i>		Lecturing room / MS Teams platform		
Literatura/Literature: Primary literature: <ol style="list-style-type: none"> 1. P. Singer (ed.), "A Companion to Ethics," Blackwell 1991. 2. P. Singer; H. Kuhse, "A Companion to Bioethics," Blackwell 2009. Secondary literature: <ol style="list-style-type: none"> 1. B. Bovenkerk, "The Biotechnology Debate. Democracy in the Face of Intractable Disagreement," Springer 2012. 2. A. Dyson; J. Harris, "Ethics and Biotechnology," Routledge 1994. 3. J. Morris, "The Ethics of Biotechnology," Chelsea House Publications 2005. 4. R. Twine, "Animals as Biotechnology. Ethics, Sustainability, and Critical Animal Studies," Earthscan 2010. 5. G.P. Smith, "The New Biology. Law, Ethics, and Biotechnology," Springer 1989. 				
UWAGI/ANNOTATIONS				

*) 3 – zaawansowany i szczegółowy, 2 – znaczący, 1 – podstawowy/ 3 – significant and detailed, 2 – considerable, 1 – basic,

Wskaźniki ilościowe charakteryzujące moduł/przedmiot/*Quantitative summary of the course:*

Szacunkowa sumaryczna liczba godzin pracy studenta (kontaktowych i pracy własnej) niezbędna dla osiągnięcia zakładanych dla zajęć efektów uczenia się - na tej podstawie należy wypełnić pole ECTS / <i>Estimated number of work hours per student (contact and self-study) essential to achieve the presumed learning outcomes - basis for the calculation of ECTS credits:</i>	60 h
Łączna liczba punktów ECTS, którą student uzyskuje na zajęciach wymagających bezpośredniego udziału nauczycieli akademickich lub innych osób prowadzących zajęcia/ <i>Total number of ECTS credits accumulated by the student during contact learning:</i>	1.2 ECTS