

<b>1.</b>	<b>Field of study</b>	<b>Environmental Protection</b>
2.	Faculty	Faculty of Natural Sciences
3.	Academic year of entry	2021/2022 (winter term), 2022/2023 (winter term), 2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

Code of the learning outcome of the programme	Learning outcomes The graduate:	Codes of the second-order PRK characteristics to which the learning outcome of the programme is related
<b>KNOWLEDGE</b>		
2OS_W01_P	Recognizes, describes and explains the relationships among elements of the environment and effects of anthropopression, with special regard to knowledge of ecotoxicology and bio-transformation processes of xenobiotics	2018_P7S_WG
2OS_W02_P	Knows the chosen research methods and modern experimental techniques used in natural sciences, humanities, exact and social sciences	2018_P7S_WG
2OS_W03_P	Identifies Polish and English language sources of expertise in the field of environmental protection in printed and electronic formats and knows the specialized terminology, also in English	2018_P7S_WG
2OS_W04_P	Has knowledge of the assumptions and limitations of the various philosophical and ethical concepts and defines restrictions placed by bio-ethics in contemporary environmental protection	2018_P7S_WK
2OS_W05_P	Displays knowledge of statistical methods in natural sciences, and applications of mathematical models that describe the state of the environment	2018_P7S_WG
2OS_W06_P	Has knowledge of advanced methods and techniques for conducting field and laboratory research, and of their use in the protection of the natural and geographical environment	2018_P7S_WG
2OS_W07_P	Identifies ways of sourcing and managing funds for the purposes of environmental protection and knows related administrative and financial procedures	2018_P7S_WK
2OS_W08_P	Knows the basic instruments of national and international law relating to environmental protection and understands the role of the environmental policies, including the role of non-governmental organizations being the element of a civil society	2018_P7S_WK
2OS_W09_P	Has knowledge of the copyright and industrial property protection, knows how to create and develop individual forms of entrepreneurship	2018_P7S_WK
W_OOD	The student has in-depth knowledge of selected scientific methods and knows problems characteristic of a particular field of science unrelated to the leading discipline of the study programme.	2018_P7S_WG, 2018_P7S_WK
<b>SKILLS</b>		
2OS_U01_P	Combines information from a variety of sources in order to verify existing views and hypotheses and prepares an oral presentation of research work and developed projects	2018_P7S_UK, 2018_P7S_UW
2OS_U02_P	Selects the correct method to solve research or practical problems and applies the rules of scientific or project work, independently and in a team	2018_P7S_UO, 2018_P7S_UW
2OS_U03_P	Uses environmental models to interpret changes in the environment and critically evaluates the obtained data using modern information technology and statistics	2018_P7S_UW
2OS_U04_P	Plans a professional career path and applies the principles of sustainable development in their own work and personal development	2018_P7S_UU
2OS_U05_P	Prepares reports and guidelines for protocols, evaluates the environmental effects of land-use planning, estimates the cost of conducting research in environmental sciences, also in the team	2018_P7S_UO, 2018_P7S_UU

2OS_U06_P	Popularizes specialist knowledge of natural sciences and sustainable development for non-specialists in an accessible way	2018_P7S_UK, 2018_P7S_UU
2OS_U07_P	Communicates in a foreign language using communicative language competences to a degree advanced. Has the ability to read and understand complex scientific texts and in-depth ability to prepare various written (including research) papers and oral presentations on specific issues in the field of environmental protection in English.	2018_P7S_UK
U_OOD	The student has advanced skills to set scientific questions and analyse problems or to solve problems practically on the basis of the course content, experience and skills gained in a particular field of science unrelated to the leading discipline of the study programme.	2018_P7S_UW
<b>SOCIAL COMPETENCES</b>		
2OS_K01_P	Understands the need to seek solutions for sustainable development using the most recent data and knowledge of team members	2018_P7S_KK
2OS_K02_P	Develops the awareness and ecological safety, is prepared to undertake work in the area of natural sciences and acts in an entrepreneurial manner in issues related to environmental protection	2018_P7S_KO
2OS_K03_P	Cares about the credibility of their own scientific work, demonstrates a critical attitude towards plagiarism and indicates the strengths and weaknesses of their personal skills, attitudes and actions	2018_P7S_KR
KS_OOD	The student understands the need for multidisciplinary approach to problem solving, integrating knowledge or using skills from various disciplines, and practicing self-study for deepening the acquired knowledge.	2018_P7S_KK