

### Description of the learning outcomes

**Name of the field of study: Animal Welfare Management**

**Level of study:** First – cycle programme

**Profile of studies:** General-academic

**Academic discipline (s) to which learning outcomes relate:**

**leading scientific discipline (%):** Animal science and fisheries 100%

The description of learning outcomes shall take into account the universal characteristics of the first-cycle programme for level 6 defined in the Act of 22 December 2015 on the Integrated Qualification System (Journal of Laws of 2016, item 64 and 1010, as amended) and the characteristics of the second-cycle programme of learning outcomes for qualifications at level 6 defined in the provisions issued under Art. 7, paragraph 3 of this Act.

Description of learning outcomes for qualifications at level 6 of the Polish Qualifications Framework

Symbols of learning outcomes for the field of study	Directional learning outcomes	The reference to the second -cycle characteristics of the PQF learning outcomes
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#### KNOWLEDGE

##### the graduate knows and understands:

AWM_W01	at an advanced level, issues in biology, anatomy, physiology, genetics, microbiology, biochemistry, psychology and related sciences occurring in animal organisms and affecting their functioning	P6S_ WG
AWM_W02	complex issues related to the molecular basis of functioning of living organisms and the impact of welfare disorders on changes in these traits	P6S_ WG P6S_ WK
AWM_W03	at an advanced level, genetic mechanisms and process taking place in the organism, methods, characteristics and management of breeding and rearing of individual animal species, differences in the use of farm animals, companion animals and non-domestic animals taking into account their species, including the conditions for appropriate maintenance and the basis for the behaviour of these animals	P6S_ WG
AWM_W04	in an extended scope, management of animal maintenance with particular emphasis on their behaviour, mechanisms determining animal behaviour, including behavioural anomalies and techniques modifying this behaviour	P6S_ WG
AWM_W05	at an advanced level, techniques for the assessment of animal behaviour, condition and welfare as well as factors affecting behaviour and health, influence of maintenance conditions ensuring the wide-ranging welfare of individual species and groups of animals	P6S_ WG
AWM_W06	extended principles of occupational health and safety	P6S_ WG

	including emergency and pre-medical assistance	P6S_WK
AWM_W07	legal, ethical and economic principles of working with animals, their protection and the use of animal-based raw materials, taking into consideration their quality and trade rules	P6S_WG P6S_WK
AWM_W08	at an advanced level, analytical and statistical methods used in the management of animal welfare assessments and breeding work, principles of data collection and basic analysis using appropriate software	P6S_WG
AWM_W09	complex topics related to the production of feeding stuffs and the supervision of animal nutrition, including the effects of the plant and animal production on the environment	P6S_WG
AWM_W10	principles of preparing engineering projects and copyright issues	P6S_WK

### **SKILLS**

#### **the graduate is able to :**

AWM_U01	apply knowledge in professional work and communicate with the public at verbal, written and graphic levels, using correct professional terminology, prepare written works and present research results related to the field of study	P6S_UW P6S_UK P6S_UO
AWM_U02	correctly interpret the regulations concerning the protection and welfare of animals in planning and managing business activities and use them in activities aimed at shaping adequate conditions for the maintenance, breeding and use, using IT techniques, statistics, legal, financial and economic regulations as well as regulations specified in the requirements of occupational health and safety and ergonomics	P6S_UW P6S_UK
AWM_U03	plan, analyze and evaluate the appropriateness of solutions undertaken to improve the broadly understood welfare and safety of animal maintenance and use, interpret research results and draw appropriate conclusions based on them, search, understand, analyze and use necessary information from various sources	P6S_UW
AWM_U04	identify the phenomena and adequately assess their impact on animals at the molecular and whole organism level and plan actions aimed at reducing phenomena limiting animal welfare in breeding and livestock management	6S_UW
AWM_U05	prepare written works and oral presentations in English in the field of welfare management and safety of animal keeping and use	P6S_UK P6S_UU
AWM_U06	use a foreign language at level B2 of the Common European Framework of Reference for Languages, communicate orally and in writing in a foreign language using specialist terminology, read and understand simple specialist texts	P6S_UW P6S_UK P6S_UO

### **SOCIAL COMPETENCE**

#### **the graduate is ready to:**

AWM_K01	continually replenish and systematically update knowledge, critically evaluate existing knowledge, recognise the	P6S_KK
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	importance of knowledge in solving cognitive and practical problems in animal welfare management	
AWM_K02	correctly identify issues related to the profession, including compliance with ethical and regulatory principles, maintain own and others' safety while performing professional tasks, and take action in the professional area in an entrepreneurial manner	P6S_KR P6S_KO P6S_KK
AWM_K02	perform their professional roles responsibly, including respecting the rules of professional ethics and bearing the consequences of their professional activities, and raise public awareness of animal welfare	P6S_KR P6S_KO