**The Project *You study – You practice II. Internship programme for students of the Faculty of Veterinary Medicine and Animal Sciences of Poznań University of Life Sciences in Poznań*, no. POWR.03.01.00-00-S082/17**

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*University stamp*

**INTERNSHIP PROGRAMME**

**A. Extract from the educational outcomes in the field of - Veterinary medicine, (long cycle M.Sc. studies)**

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| ***PROFESSIONAL KNOWLEDGE (PK)*** |
| *Knows and describes correct structures of an animal organism: cells, tissues, organs and systems* |
| *Knows the structure of all systems of an animal organism (respiratory, gastrointestinal, cardiovascular, excretory, nervous, motor, reproductive, hormonal, immunological) and skin, is able to describe and explain their functions* |
| *Describes and interprets the development of organs and the whole organism with reference to an adult organism* |
| *Describes and explains metabolic processes on the molecular, cellular, organ and systemic level* |
| *Describes and explains the phenomena of homeostasis, neurohormonal regulation, reproduction, aging and death* |
| *Describes, explains and interprets rules and mechanisms underlying animal health, the origin of diseases and their therapy – from the cellular level, through organs, one animal, a herd, and the entire animal population* |
| *Knows and interprets pathophysiological lesions in organs and systems, and biological (including immunological) and pharmacological mechanisms of regaining health* |
| *Identifies and describes biology of infectious factors causing diseases transmitted among animals, and anthropozoonoses, including mechanisms of disease transmission and defensive mechanisms of an organism* |
| *Defines and describes inheritance rules and processes, recognizes genetic disorders and knows the basis of genetic engineering* |
| *Defines and describes mechanisms of action of specific groups of medicines, their processing in the system and mutual interactions* |
| *Administers antibiotic treatment* |
| *Prescribes medicines* |
| *Uses Polish and Latin medical nomenclature* |
| *Communicates in a foreign language with fellow veterinary specialists and specialists in allied sciences, and makes use of source materials in foreign languages* |
| *Describes, explains and interprets disorders on the cellular, tissue, organs, systems and the whole organism level in the course of a disease* |
| *Describes, explains and interprets mechanisms of organs’ and systems’ pathologies* |
| *Describes and interprets causes and symptoms, describes and interprets anatomopathological lesions, administers treatment and preventive measures for diseases* |
| *Implements diagnostic activities (including differentiative diagnostics) and administers treatments* |
| *Conducts clinical tests on a patient and monitors the state of health of animals in large-scale inbreeding* |
| *Takes appropriate course of action when diagnosing diseases which occurrence has to be reported* |
| *Gathers, analyses and interprets correctly clinical data, laboratory tests results and other test results* |
| *Indicates and interprets appropriate legal regulations, knows the rules of giving resolutions, prepares opinions for courts, administrative bodies, self-government and professional institutions* |
| *Knows the functioning rules of the state veterinary services, also in terms of public health protection* |
| *Describes breeds of different animal species, explains the rules of animal breeding and husbandry* |
| *Describes the assumptions of matching animals for mating, the methods of reproduction and selection of animals* |
| *Describes the rules of feeding animals (taking differences between species into consideration), plans and analyses feeding doses* |
| *Describes and assesses conditions ensuring the well-being of animals* |
| *Describes and interprets the rules of productions economics* |
| *Describes the conditions of appropriate management and utilisation of auxiliary products and wastes resulting from animal production* |
| *Describes and interprets the rules of consumer’s health protection by appropriate supervision over the production of food of animal origin* |
| *Describes, interprets and assesses the hygienic conditions, production technology, food safety; refers to appropriate legal acts regulating the veterinary supervision* |
| *Conducts ante- and post-mortem examination of animals* |
| *Describes and implements procedures related to the HACCP system (Hazard Analysis and Critical Control Points)* |
| ***PROFESSIONAL SKILLS (PS)*** |
| *Communicates effectively with customers, other veterinary doctors, employees of supervisory bodies, governmental institutions and self-government bodies* |
| *Is able to listen attentively and give answers in an understandable manner, adjusted to the circumstances* |
| *Prepares clear case descriptions and keeps records in accordance with the binding regulations, in such a way, which is understandable both for the animal owner, and for fellow veterinary doctors* |
| *Is able to work in a multi-disciplinary team* |
| *Interprets the responsibility of a veterinary doctor in a correct way, concerning an animal, its owner, society and the environment* |
| *Assesses economic and social conditions of the veterinary doctor’s work* |
| *Is aware of the necessity to make the most of its professional skills, in order to enhance the quality of veterinary care, animals’ well-being and public health* |
| *Is able to organise and run a veterinary practice, which includes:*  *-being aware of its own and employer’s responsibility for knowing and obeying labour law regulations and occupational health and safety provisions,*  *-being able to calculate fees, issue invoices, maintain and recognize the importance of financial and medical documentation,*  *-using IT systems for the purpose of efficient communication, gathering, exchanging and analysing information,*  *-being able to act in accordance with the binding standards and ethical rules* |
| *Understands the need for life-long learning for constant professional development* |
| *Is able to adjust its job offer to the constantly changing situation on the job market* |
| *Is aware of its own limitations; is able to take the advice and make use of help of specialised institutions or individuals in order to solve difficult problems* |
| *Uses Polish and Latin medical nomenclature* |
| *Is able to communicate in a foreign language and make use of foreign source materials* |
| *Takes medical and veterinary history, in order to gain detailed information about an animal or a group of animals or their habitat* |
| *Treats animals in a safe and humanitarian way, teaches others to do so* |
| *Conducts complete clinical examination of an animal* |
| *Gives first aid to all species of animals in case of bleeding, wounds, respiratory system dysfunctions, eye and ear injuries, loss of consciousness, emaciation, burns, tissue damage, internal damages, cardiac failure* |
| *Assesses the state of animal’s nutrition and gives advice concerning this matter* |
| *Collects, secures and knows the rules of transporting samples and performs standard laboratory tests; analyses and interprets laboratory tests results correctly* |
| *Uses diagnostic apparatus, including: radiography, ultrasonography and others, in accordance with its intended use and safety regulations concerning animals and people* |
| *Takes appropriate course of action when diagnosing diseases which occurrence has to be reported* |
| *Acquires and uses information about medicines approved for distribution* |
| *Prescribes and administers medicines and medical materials in accordance with the binding regulations, taking into consideration their safe storage and utilisation* |
| *Applies methods of safe sedation, general and local anaesthesia, assessment and soothing pain* |
| *Chooses and administers appropriate treatment* |
| *Implements the rules of asepticism and surgical antiseptics; uses appropriate methods of sterilizing equipment* |
| *Assesses the necessity of performing euthanasia; informs the animal’s owners about it; performs euthanasia in accordance with the professional ethics rules and the rules of treating the corpse* |
| *Performs the post-mortem examination, prepares the report, takes samples, secures them for transportation* |
| *Conducts ante- and post-mortem examination of animals; checks the quality of food of animal origin* |
| *Documents and makes use of information about health and well-being, and in some cases also about the productivity of a herd* |
| *Develops and implements prophylactic programmes for different species of animals* |
| *Assesses and implements recommendations, which minimise the risk of contamination, crossed contamination and accumulation of agents of a disease in veterinary facilities and the natural environment* |
| ***SOCIAL SKILLS (SS)*** |
| *Demonstrates responsibility for decisions taken, concerning people and animals* |
| *Obeys ethical rules* |
| *Shows tolerance for attitudes and behaviours resulting from different social and cultural conditions* |
| *Has the ability to resolve conflicts and reacts flexibly to social changes* |
| *Is able to assess its own activities and the activities of the others critically, and refine the suggested solutions* |
| *Constantly broadens its knowledge and improves its skills* |
| *Is aware of its own limitations* |
| *Perceives its patient’s well-being as a priority* |
| *Is able to cooperate with representatives of other professions concerning public health* |
| *Is able to act in uncertain and distressing circumstances* |
| *Is able to organise teamwork* |
| *Is aware of the necessity to get involved in the activities of professional organizations and local governments* |
| *Is aware of the consequences of undertaken actions, especially those, which affect the natural environment* |
| *Knows legal basis and rules of protecting the intellectual property* |

**B. Personal data of the Intern and Employer**

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| NAME AND SURNAME OF THE INTERN | ………………………………………………………………………………………………….… |
| NAME OF THE EMPLOYER | ………………………………………………………………………………………………….… |
| INTERNSHIP LOCATION | ………………………………………………………………………………………………….…  *(address of the company / institution headquarters / branch)* |
| ASSIGNED INTERSHIP SUPERVISOR | ………………………………………………………………………………………………….… *(Name and surname, position)*  ………………………………………………………………………………………………….… *(phone number, email)* |

**C. Information about the internship**

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| INTERNSHIP PERIOD[[1]](#footnote-1)1 | **from:** | *dd-mm-yyyy* | |
| **to:** | *dd-mm-yyyy* | |
| WORK TIMETABLE[[2]](#footnote-2)2 | Scheduled working hours: | |  |
| Scheduled number of internship hours daily: | |  |
| Days of the week, when the internship is done: | |  |
| TOTAL NUMBER OF INTERNSHIP HOURS | **160 hours** | | |
| NAME OF THE PROFESSION OR SPECIALISATION | ………………………………………………………………………………….……………….… | | |
| SCOPE OF ACTIVITIES PERFORMED DURING THE INTERNSHIP | ……………………………………………………………………………………………..………  ………………………………………………………………………………………….…….……  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….……… | | |
| **PROFESSIONAL KNOWLEDGE** REQUIRED DURING THE INTERNSHIP  *(based on the Extract from the educational outcomes – in part A,* ***PK****)* | ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……..……………………………………………………………………………………………… | | |
| **PROFESSIONAL SKILLS** REQUIRED DURING THE INTERNSHIP  *(based on the Extract from the educational outcomes – in part A****, PS****)* | ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……..……………………………………………………………………………………………… | | |
| **SOCIAL SKILLS** REQUIRED DURING THE INTERNSHIP  *(based on the Extract from the educational outcomes– in part A,* ***SS****)* | ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……………………………………………………………………………………….…….………  ……..……………………………………………………………………………………………… | | |

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| *……………………………………………………*  *SIGNATURE OF THE INTERNEE* | *……………………………………………………*  *SIGNATURE OF THE EMPLOYER* | *……………………………………………………*  *SIGNATURE OF THE INTERNSHIP ORGANISER (UNIVERSITY)* |

1. 1The internship has to take place between November 1, 2018 and October 31, 2020. [↑](#footnote-ref-1)
2. 2The internship has to match the following timetable: maximum 8 hours daily and 40 hours weekly; minimum 20 hours weekly. [↑](#footnote-ref-2)