

Code of subject	M_WE_SEM 5 OZP
Field of study	Veterinary
Name of the training module including the Polish name	Public health protection in emergencies Ochrona zdrowia publicznego w stanach zagrożenia
Language of instruction	English
Type of the training module	Obligatory
Level of the training module	Master level
Form of studies	Full-time
Location in the programme (year)	III
Location in the programme (semester)	V
Number of ECTS credits with a division into contact/noncontact	2 (1,1/0,9)
Name and surname of the person in charge	dr hab. Renata Pysz-Lukasik
Unit offering the subject	Department of Hygiene of Food of Animal Origin
Aim of the module	Familiarizing students with selected threats to public health and the course of actions under veterinarian protection of public health
Learning outcomes –	Knowledge:
	K1 Students are familiar with legal grounds and essential definitions related to protection of public health
	K2 Students are familiar with functioning and tasks of the VI with regard to protection of public health
	K3 Students are familiar and capable of analysing selected biological, chemical and radiation threats to public health, including countermeasures
	Skills:
	S1 Students are capable of correct interpretation of veterinary doctors' responsibility with regard to veterinary protection of public health, as well as to indicate and interpret essential acts of law governing public health and Veterinary Inspection
	Social competencies:
	Sc1 Students are capable of working with other professionals when completing public health protection tasks
	Sc2 Students are aware of the need to expand their knowledge in the field of public health issues
Preliminary and additional requirements	Completion of the course Veterinary Epidemiology

Contents of the training module – a compact description	<p>Lectures:</p> <ul style="list-style-type: none"> <li>Role and tasks of the state in protection of public health - legal aspects</li> <li>Tasks of Veterinary Inspection under protection of public health</li> <li>Bioterrorism, biological weapon agents and procedures in case of acts of bioterrorism</li> <li>Foodborne pathogens as a threat to public health</li> <li>Radiation and radioactivity , effects of radiation events, elements of radiologic protection</li> </ul> <p>Classes:</p> <ul style="list-style-type: none"> <li>Veterinary public health as a key component of public health protection</li> <li>Tasks of Veterinary Inspection under crisis conditions and the principles of cooperation with entities involved in the implementation of tasks in the field of public health</li> <li>Biological threats to public health</li> <li>Chemical threats to public health</li> <li>Supervision over food safety</li> <li>Qualitative criteria for potable water and swimming water</li> </ul>																											
Recommended and obligatory reading list	<ol style="list-style-type: none"> <li>1. Tulchinsky T.H., Varavikova E.A.: The New Public Health, Third Edition, Elsevier, Academic Press, San Diego, 2014</li> <li>2. Selected legal acts (food and veterinary law, radiological protection, crisis management)</li> <li>3. Scientific publications related to topic</li> </ol>																											
The intended forms/activities/ teaching methods	<p>Lectures – multimedia presentations</p> <p>Classes – multimedia presentations, analysis of selected crisis situations, working with source texts, discussions</p>																											
Methods of verification and documentation forms of the achieved learning outcomes	<p>Verification method K1-K3, S1 and Sc1-Sc2 graded final credit in test form; the evaluation criteria indicated in the Faculty Book of Education Quality are used to assess the student’s written test</p> <p>The form of documenting results - lecturer’s grade book, students’ answer sheet and examination protocols</p>																											
Balance of ECTS credits	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Type of classes</th> <th style="width: 20%;">Number of contact hours</th> <th style="width: 20%;">ECTS</th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td style="text-align: center;">15</td> <td style="text-align: center;">0.5</td> </tr> <tr> <td>Classes</td> <td style="text-align: center;">15</td> <td style="text-align: center;">0.5</td> </tr> <tr> <td>Consults</td> <td style="text-align: center;">2</td> <td style="text-align: center;">0.07</td> </tr> <tr> <td>Written test</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.03</td> </tr> <tr> <td></td> <th style="text-align: center;">Number of no-contact hours</th> <td></td> </tr> <tr> <td>Student’s self-education for the classes</td> <td style="text-align: center;">12</td> <td style="text-align: center;">0.4</td> </tr> <tr> <td>Student’s self-education for the final test</td> <td style="text-align: center;">15</td> <td style="text-align: center;">0.5</td> </tr> <tr> <td>Sum</td> <td style="text-align: center;">60</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>	Type of classes	Number of contact hours	ECTS	Lectures	15	0.5	Classes	15	0.5	Consults	2	0.07	Written test	1	0.03		Number of no-contact hours		Student’s self-education for the classes	12	0.4	Student’s self-education for the final test	15	0.5	Sum	60	2
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The workload related to the classes requiring direct participation of academic teachers:	<p>Participation in lectures – 15 x 1 = 15 hours</p> <p>Participation in classes – 15 x 1 = 15 hours</p> <p>Consultations – 2 x 1 = 2 hours</p> <p>Participation in final test – 1 x 1 = 1 hour</p> <p>Sum: 33 hours which correspond to 1,1 point ECTS</p>																											

Relationship between subject learning outcomes and veterinary studies learning outcomes	K1, K2 i K3 – B.W16. +++; B.W.17 +; B.W.18 ++ S1 – B.U22. +; B.U25 + Sc1 – K11) +++ Sc2 – K8) +++; K4) ++
Impact of selected compounds to final grade	Final test – 100%