

Module title:	<b>Reptile and amphibian dietetics</b>	ECTS	1
Polish translation:	Dietetyka gadów i płazów		
Course:	<b>Veterinary Medicine</b>		

Module language:	English	Stage: JM-FVM	
Form of studies:	<input checked="" type="checkbox"/> intramural <input type="checkbox"/> extramural	Type of module:	<input type="checkbox"/> basic <input checked="" type="checkbox"/> directional <input type="checkbox"/> mandatory <input checked="" type="checkbox"/> elective
		Semester: 9	<input checked="" type="checkbox"/> winter semester <input type="checkbox"/> summer semester
		Academic year:	<b>2019/2020</b> <b>2020/2021</b>
		Catalogue number:	FVM-V-JMSS-09W-ED05_20

Module coordinator:	<b>dr Joanna Zarzyńska</b>		
Teachers responsible for the module:	<b>dr Joanna Zarzyńska; visiting professors; other specialists in the field of study</b>		
Unit responsible for the module:	<b>IVM, Department of Food Hygiene and Public Health Protection</b>		
Faculty in charge:	<b>Faculty of Veterinary Medicine</b>		
Objectives of the module:	<p>During the course students are receiving the information about the dietetic needs of reptiles and amphibians, type of food and supplements, problems related with faults in nutrition, factors influencing on animals condition. The obtained knowledge would be helpful in further clinical studies, as well as in professional practice (specialization in exotic animals).</p> <p><b>Lectures</b> 1. Insects as feed. Species. Nutritional values. Raising tips. Hazards (3h) 2. Rodents as prey. Nutritional values. Feeding tips. Hazards (2h) 3. Other kinds of animals as food for carnivorous reptiles&amp; amphibians (2h) 4. Herbivorous reptiles; type of food, feeding tips, hazards (2h) 5. The diet composition for species of reptiles &amp; amphibians (3h) 6. Dietary supplements for reptiles and amphibians. Health issues connected with inappropriate nutrition (3h)</p>		
Teaching forms, number of hours:	a) Lectures; hours 15		
Teaching methods:	<p>Lectures are supported with audio-visual resources (original multimedia presentations, videos). Discussion with students.</p> <p>1h / week consultations for students – out of classes schedule.</p> <p>The coordinator of the course will define detailed schedule at the beginning of semester.</p> <p>The coordinator of the course will define detailed organization of consultations at the beginning of semester.</p>		
Formal prerequisites and initial requirements:	-		
Learning outcomes:	<p>Knowledge: <b>K_1</b> knows and understands rules of welfare (dietetics of reptiles &amp; amphibians)</p> <p><b>K_2</b> knows food types, prey and supplements for reptiles &amp; amphibians</p> <p><b>K_3</b> knows and understands code of ethics of veterinary surgeon in the field of exotic animals care</p> <p><b>K_4</b> knows and understands rules of feeding reptiles &amp; amphibians</p> <p><b>K_5</b> knows and understands the risks connected with dietary mistakes in range of reptile &amp; amphibian dietetics</p>	<p>Skills: <b>S_1</b> knows how to logically analyse dietetic needs of reptiles &amp; amphibians</p> <p><b>S_2</b> knows how to analyse the condition of animal</p> <p><b>S_3</b> knows how to correctly analyse unbiased sources of knowledge about reptile &amp; amphibian dietetics</p> <p><b>S_4</b> knows how to logically correlated feeding conditions with animal' welfare</p> <p><b>S_5</b> knows how to interpret responsibility of veterinary surgeon towards exotic animals</p>	<p>Competences:</p> <p><b>C_1</b> prepared to cooperate with breeders and specialists in other fields dealing with dietetics</p> <p><b>C_2</b> prepared to search for current unbiased sources of knowledge and lifelong learning</p> <p><b>C_3</b> ready for critical evaluation of knowledge in the field of dietetics of reptiles &amp; amphibians</p> <p><b>C_4</b> ready to share own knowledge on the subject of dietetics of reptiles &amp; amphibians and using the knowledge of others</p> <p><b>C_5</b> ready to show responsibility for decisions taken – animals welfare</p>
Assessment methods:	<p><b>Final assessment for grade.</b></p> <p><b>Student's own elaboration – project.</b> The project covers all lecture content.</p> <p>Subject proposed by teacher: Week/month dietary plan for chosen animal (including dietetic needs, proposition of diet composition with appropriate supplementation, discussion about factors influencing on diet effectiveness, health issues connected with wrong nutrition)</p> <p>Species chosen by the student (written essay or multimedia form).</p> <p>Assessment based on commitment to information, multi-directional approach to the topic, the ability to think analytically, correct reasoning, formulation of own opinions and their proper justification.</p>		

	In the case of project graded on 2,0, after receiving instructions from the teacher, the student prepares another project - the form of credit and the basis for its assessment does not change.  No extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.
Formal documentation of learning outcomes:	eHMS entry. Records collected in the course portfolio i.e. records of student results, students projects, presence lists, module regulation.
Elements impelling final grade:	<b>The student cannot have more than 20% absences from lectures.</b> <b>Final grade: 100% individual project grade</b> <b>Presentation quality&amp;originality grade</b> 100-95% 5.0 (excellent) 94-84% 4.5 (very good) 83-75% 4.0 (good) 74-65 % 3.5 (sufficient +) 64-60 3.0 (sufficient) 59.5 and below 2.0 (failed)
Teaching base:	<b>IVM lecture halls and classrooms</b>
Mandatory and supportive materials :	
1. Chris Mattison.Practical Guide Exotic Pets. Quadrillion Pub  <a href="http://www.reptilesmagazine.com">http://www.reptilesmagazine.com</a> <a href="https://www.vetark.co.uk">https://www.vetark.co.uk</a> <a href="http://www.amphibianark.org/research/Amphibian-diet-and-nutrition.pdf">http://www.amphibianark.org/research/Amphibian-diet-and-nutrition.pdf</a>	
<b>Relevant scientific publications, including those of the module coordinator.</b>	
ANNOTATIONS	

Quantitative summary of the module:

Estimated number of work hours per student (contact and self-study) essential to achieve presumed learning outcomes of the module - base for quantifying ECTS:	<b>25 h</b>
Total ECTS points, accumulated by students during contact learning:	<b>1 ECTS</b>

Learning outcomes of the module relative to the learning outcomes of the subject:

Outcome category	Learning outcomes:	Learning outcomes relative to the course outcomes	Impact on the each of course outcomes*)
Knowledge -K_1	Student knows and understands rules of welfare (dietetics of reptiles & amphibians)	B.W.9	3
Knowledge - K2	Student knows food types, prey and supplements for reptiles & amphibians	B.W.13	3
Knowledge - K3	Student knows and understands code of ethics of veterinary surgeon in the field of exotic animals care	A.W.22 B.W.9	3 3
Knowledge - K4	Student knows and understands rules of feeding reptiles & amphibians	B.W.13	3
Knowledge - K5	Student knows and understands the risks connected with dietary mistakes in range of reptile & amphibian dietetics	B.W.7	3
Skills - 1	Student logically analyses dietetic needs of reptiles & amphibians	A.U.19 B.U.5	3 3
Skills - 2	Student analyses the condition of animal	B.U.5	2

Skills - 3	Student correctly analyses unbiased sources of knowledge about reptile & amphibian dietetics	C.U.2 A.U.21	3 3
Skills - 4	Student logically correlates feeding conditions with animal' welfare	B.U.20	2
Skills - 5	Student interprets responsibility of veterinary surgeon towards exotic animals	A.U.16	3
Competences – 1	Student is prepared to cooperate with breeders and specialists in other fields dealing with dietetics	KS.9 KS.8	3 2
Competences - 2	Student is prepared to search for current unbiased sources of knowledge and lifelong learning	KS.4 KS.8	3 3
Competences - 3	Student is ready for critical evaluation of knowledge in the field of dietetics of reptiles & amphibians	KS.5 KS.7	3 3
Competences - 4	Student is ready to share own knowledge on the subject of dietetics of reptiles & amphibians and using the knowledge of others	KS.9	3
Competences - 5	Students is ready to show responsibility for decisions taken – animals welfare	KS.1	3