

Syllabus

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

Module language: English		Stage: JM-FVM	
Form of studies: ☒ intramural ☐ extramural	Type of module: ☐ basic ☒ directional	☐ mandatory ☒ elective	Semester: 9 ☒ winter semester ☐ summer semester
Academic year:		Intake 2022/2023	Catalogue number: FVM-V-JMSS-09W-E84_19

Module coordinator:	Dr Joanna Zarzyńska			
Teachers responsible for the module:	Dr Joanna Zarzyńska Academic teacher of the Faculty of Veterinary Medicine; Department of Food Hygiene and Public Health Protection; visiting professors; other specialists in the field of study			
Course Description:	Specific dietary needs of reptiles (snakes, lizards, tortoises, turtles) and amphibians (anura, caudata). Types of living food for meat-eaters. Edible plants. How to keep insects (prey). Health issues connected with dietetics.			
Teaching forms, number of hours:	a) Lectures; hours 15;			
Teaching methods:	Lectures based on multimedia presentations, additional videos. Detailed schedule will be defined by the coordinator of the course at the beginning of semester. Detailed organization of consultations will be defined by the coordinator of the course at the beginning of semester.			
Formal prerequisites and initial requirements:	none General knowledge in animal physiology			
Learning effects	Course outcomes:		Learning outcomes relative to the course outcomes	Impact on the course outcomes*
Knowledge:	1	Student knows and understands rules of welfare (dietetics of reptiles & amphibians)	B.W.9	3
	2	Student knows food types, prey and supplements for reptiles & amphibians	B.W.13	3
	3	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
	4	Student knows and understands rules of feeding reptiles & amphibians	B.W.13	3
	5	Student knows and understands the risks connected with dietary mistakes in range of reptile & amphibian dietetics	B.W.7	3
	6			
Skills:	1	Student logically analyses dietetic needs of reptiles & amphibians	A.U.19 B.U.5	3 3
	2	Student analyses the condition of animal	B.U.5	2
	3	Student correctly analyses unbiased sources of knowledge about reptile & amphibian dietetics	C.U.2 A.U.21	3 3
	4	Student logically correlates feeding conditions with animal' welfare	B.U.20	2
	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
	2	Student is prepared to search for current unbiased sources of knowledge and lifelong learning	KS.4 KS.8	3 3
	3	Student is ready for critical evaluation of knowledge in the field of dietetics of reptiles & amphibians	KS.5 KS.7	3 3
	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
	5	Students is ready to show responsibility for decisions taken – animals welfare	KS.1	3

Objectives of the module required to obtain learning effects:	Lecture materials analysis, additional materials provided by the teacher, knowledge exchange • Gaining knowledge of the nutritional requirements of reptiles and amphibians. • Understanding the differences in dietary requirements among different groups and species. • Understanding the natural feeding strategies of reptiles and amphibians. • Developing the ability to select appropriate food types, feeding frequency, and portion sizes. • Understanding the principles of vitamin and mineral supplementation. • Identifying and preventing nutritional deficiencies and diet-related disorders. • Taking into account the species, age, physiological status, and housing conditions when formulating diets. • Developing the ability to assess and modify the diets of reptiles and amphibians. • Applying nutritional knowledge in practice, particularly in the care and management of captive reptiles and amphibians.												
Assessment methods:	Final assessment for grade. Student's own elaboration – project. The project covers all lecture content. 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) Species chosen by the student (written essay or multimedia form). 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. 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. attendance score No extra assessment methods are anticipated. In case of unforeseen, unusual circumstances mandatory remote teaching and remote assessment methods might be adopted.												
Detail description of assessment methods;	No extra assessment methods are anticipated.												
Formal documentation of learning outcome:	eHMS entry. Records collected in the course portfolio i.e. individual records of student results, presence lists, database of oral and written questions, written assessments of the students.												
Elements impelling final grade:	Attendance score, Project evaluation The student cannot have more than 20% absences from lectures. Final grade: 100% individual project grade Presentation quality&originality grade <table> <tr> <td>100-95%</td><td>5.0 (excellent)</td></tr> <tr> <td>94-84%</td><td>4.5 (very good)</td></tr> <tr> <td>83-75%</td><td>4.0 (good)</td></tr> <tr> <td>74-65 %</td><td>3.5 (sufficient +)</td></tr> <tr> <td>64-60</td><td>3.0 (sufficient)</td></tr> <tr> <td>59.5 and below</td><td>2.0 (failed)</td></tr> </table>	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)
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:	Classrooms of the Faculty of Veterinary Medicine												
Mandatory and supportive materials : 1. Chris Mattison.Practical Guide Exotic Pets. Quadrillion Pub 2. http://www.reptilesmagazine.com 3. http://www.amphibianark.org/research/Amphibian-diet-and-nutrition.pdf 4.. relevant review articles (in eng) 5. https://www.vetark.co.uk 6. mazuri.com 7. https://veteriankey.com/reptile-and-amphibian-nutrition/ 8. BSAVA Manual of reptiles Relevant scientific publications including those of the module coordinator.													
ANNOTATIONS													

* 3 – complete and detailed, 2 – moderate, 1 – basic.

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:	30 h
Total ECTS points, accumulated by students during contact learning:	1 ECTS