

Module code	M_WE_SEM10 PW 1H/2H CHIR SZCZ
Field of study	Veterinary medicine
Module name, also the name in English	Maxillofacial Surgery
	Chirurgia szczękowa
Language of instruction	English
Module type	elective
Level of studies	Long-cycle master's degree studies
Form of study	Full-time
Year of study in the field of study	V
Semester of study in the field of study	X
ECTS credits, divided into contact/non-contact hours	1 (0,67/0,33)
Academic title/degree, name of the person responsible for the module	Prof. dr hab. Izabela Polkowska
Unit teaching the module	Clinic of Animal Surgery, Faculty of Veterinary Medicine,
Module objective	<p>Learning the basic procedures of maxillofacial surgery, principles of temporomandibular joint disease diagnosis and maxillofacial surgery, basics of treatment of maxillofacial malocclusion in small animals, selected models of animal orthodontic appliances and dental implants. Learning the basics of plastic surgery with facial soft tissue reconstruction and dental procedures in laboratory animals. Principles of oral examination including classification of maxillofacial disorders. Fractures of the maxilla and mandible, diagnosis, methods of stabilization.</p> <p>Surgical treatment of maxillofacial malformations using treatment steps. Preoperative management in orthodontics, principles of bite correction planning. Dental prothetics in small animals. Reconstructive dentistry using biomaterials.</p>
The learning outcomes for the module include a description of the knowledge, skills and social competences that the student will gain after completing the module.	Knowledge:
	K1. Has basic knowledge on diagnosis, principles and methods of malocclusion treatment in small animals and surgical treatment of diseases of the mandible, maxilla and temporomandibular joint
	Skills:
	S1. Has the ability to evaluate and apply the selection of appropriate treatment for malocclusion in small animals and diseases of the mandible, maxilla and temporomandibular joint .
	Competences:
C1. Understands the need for learning and self-improvement of specialist knowledge in oral surgery in connection with the continuous dynamic development of methods of diagnosis and treatment of diseases in dentistry and surgery	
C2. Deals appropriately and knowledgeably with patients during examination, preparation and during oral surgery procedures.	
Prerequisites and additional requirements	According to the sequence of subjects

Module programme content.	Lecture topics: <ol style="list-style-type: none"> 1. Oral stomatognathic system including occlusion. 2. General and local anesthesia of the head. 3. Temporomandibular joint disorders. 4. Diseases of the salivary glands. 5. Damage to soft tissues of the oral cavity. 6. Management of mandibular fractures, advanced treatment techniques using regenerative medicine. 7. Management of maxillary fractures, advanced treatment techniques using regenerative medicine. 8. Fractures and dislocations of teeth. 9. Treatment of oro-nasal fistulas. 10. Correction of the palate and nasal wings. 11. Preoperative management in orthodontics, principles of bite correction planning. 12. Taking impressions in orthodontic treatment. 13. Treatment of fractured dental crowns with dental prosthetics. 14. Reconstructive dentistry using biomaterials. 15. Implantology in veterinary medicine. 		
List of core and supplementary literature	<ol style="list-style-type: none"> 1. C. Tutt „Stomatology of small animals” Elsevier 2 J.O. Andreasen, L.K. Bakland, M.T. Flores „Postaccidental damage to teeth” Elsevier 3. Frank J.M. Verstraete, M.J. Lommer "Oral and Maxillofacial Surgery In Dogs and Cats." Elsevier 2012 4. Cecilia Gorrel „Stomatology” Elsevier 		
Planned forms/activities/teaching methods	<ol style="list-style-type: none"> 1. Practical presentation of surgical treatment of oral diseases in small animals. 2. Practical monitoring of the course of orthodontic treatment. 3. Practical endodontic treatment 		
Verification methods and ways of documenting the achieved learning outcomes.	<p>The course is conducted in the form of lectures and exercises. The student independently performs the preparation of acrylic masses and makes maxillary impressions. The student independently performs the preparation and making of dental fillings.</p> <p>Credit is verified by students' preparation of a presentation (60% of the grade) and an oral response (30% of the grade), at the end of the semester. Questions are asked by the instructor, answers to the questions are graded on a scale of 2 to 5. The presentation is graded on a scale of 2 to 5.</p> <p>The grading scale for preparing a presentation and for an oral answer: from 2 to 5:</p> <p>2 not sufficient - less than 60% 3 sufficient- 61-70% 3+ sufficient plus - 71 -75% 4 good - 76-85% 4+ good plus - 86-90% 5 very good - 91-100 %</p>		
ECTS credits	CONTACT		
		hours	ECTS credits
	lectures	15	0.5
	Consultations	3	0.1
	Credit pass/resit exam	2	0.07

	TOTAL contact hours	20	0.67
	NON-CONTACT		
	preparation for lecture	4	0.13
	literature study	2	0.07
	preparation for examination	4	0.13
	TOTAL non-contact hours/ ECTS credits	10	0.33
The workload of activities that requires direct participation of an academic teacher	attendance at lectures:	15	0.5
	Consultations:	3	0.1
	credit pass/resit exam:	2	0.07
	TOTAL with direct involvement of the teacher	20	0.67
Relation of module learning outcomes to course learning outcomes.	K1 - WE_W17.++, WE_W18++, W_21++ S1 - WE_U14++. WE_U16++, WE_U23++, WE_U24++, WE_U25++ C1 -WE_K46++, WE+K7++ C2 - WE_K1++		
Elements and values affecting the final grade	Final grade: Attendance at lectures (i.a. 80% attendance) according to the current study regulations - weighting of 10% A credit for the presentation prepared by students - weighting of 60% Oral answer on the prepared presentation - weighting of 30%		