

MODULE HANDBOOK

Course : Histology of Animal System Organ

Academic Year : 2017/2018

A. Course Identity

Module name:	Histology of Animal Organ System
Module level:	Bachelor
Abbreviation, if applicable:	KHU-2015
Sub-Heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term:	3 rd / Second year
Module Coordinator(s):	Teguh Budipitojo, DVM., M.Sc., Ph.D.
Lecturer(s):	Dr. Tri Wahyu Pangestiningih, DVM., M.Sc. Ariana, DVM., M.Phil. Dr.med.vet. Hevi Wihadmadyatami, DVM., M.Sc.
Language:	Indonesian
Classifications within the curriculum:	Compulsory Course
Teaching Format/ class hours per weeks during the semester:	2 hours lecture/ week and 2 hours practice on laboratory/ week
Workload	2 hours lecture for 12 weeks; 2 hours laboratory session for 12 weeks; 2 x 2 hours for class examination; 2 x 2 hours for laboratory examination and 2 hours private/week for 14 weeks and 8 hours of focus group discussion. Total 92 hours/ 25 = 3,68
Credit points:	3 (2/1)
Requirements	Cytology, Basic Histology, and Embryology
Learning goals/ competencies:	CO1 Able to identify the organ organization according to histologically approach, histological structure of organ systems in the body (nervous, cardiovascular, endocrine, lymphatic and immunity, digestive, male genital, female genital, respiration, sensory) of the domestic animals, histological terminology in Latin and English. CO2 Able to show the organ organization according to histologically approach, histological structure of organ systems in the body (nervous, cardiovascular, endocrine, lymphatic and immunity, digestive, male genital, female genital, respiration, sensory) of the domestic animals in the laboratory by using microscope. CO3 Able to differentiate the differences and/or similarities of histologic structure of certain organs within the animal body among animal species in one class, and between classes of animals, and differentiate the function of organ

	<p>systems (nerves, cardiovascular, endocrine, lymphatics and immunity, digestion, male genitalia, female genitals, respiration, sensory) in the animal body based on its structure.</p> <p>CO4 Able to conduct a team work to discuss some multidiscipline lectures.</p>
Content	<ol style="list-style-type: none"> 1. Introduction 2. Nerve system 3. Cardiovasculare system 4. Lymphatic system 5. Integument system 6. Digestive system 7. Extramural gland 8. Urinary system 9. Respiration system 10. Endocrine system 11. Female genital system 12. Male genital system 13. Musculoskeletal system 14. Sensory organ: eye 15. Sensory organ: ear
Study/ exam achievement:	<p>Assessment of students including: Laboratory practice, Focus grup Discussion (FGD), Mid Term Examination, and Final Examination.</p> <p>Cognitive (CO1 and CO3): Mid term examination and final examination.</p> <p>Psycomotor (CO2): The Laboratory practice component includes: pretest and / or post test values, and responses (practice test, preparatory identification)</p> <p>Affective (CO4): The FGD assessment component includes: attitude (discipline of arrival, dress order and way of discussion), discussion and understanding activities.</p> <p>The final value composition is: 15% FGD and ELISA, 25% Laboratory practice, and 30% Mid term examination + 30% final examination.</p> <p>Final indexed is defined as follow: A : 100 > NA ≥ 75 A- : 75 > NA ≥ 72.5 A/B : 72.5 > NA ≥ 70</p>

	B+ : 70 > NA ≥ 67.5 B : 67.5 > NA ≥ 65 B- : 65 > NA ≥ 62.5 B/C : 62.5 > NA ≥ 60 C+ : 60 > NA ≥ 57.5 C : 57.5 > NA ≥ 55 C- : 55 > NA ≥ 52.5 C/D : 52.5 > NA ≥ 50 D+ : 50 > NA ≥ 47.5 D : 47.5 > NA ≥ 45 E : NA < 45 (absolute score)
Forms of Media:	Power point slides and LCD projectors, whiteboard, laboratory
Literature:	<ol style="list-style-type: none"> 1. Bacha, W.J dan Bacha.L.M., 2000. Color Atlas of Veterinary histology, Lippincot Williams & Wilkins, Baltimore. 2. Banks, W.J., 1993. Applied Veterinary Histology, Third ed. Mosby Inc., USA. 3. Dellman H.D. dan Brown E.M., 1987. Textbook of Veterinary Histology, Lea & Febriger, USA. 4. Eroschenko, P. 2008. Atlas of Histology with Functional Correlations, 11th edition. Lippincot William and Wilkins 5. Mc Geady,T.A., Quin, P.J, FitsPatrick, E.S., dan Ryan, M.T., 2006, Veterinary Embryology, Blackwell Publishing, Cornwell, Gread Britain 6. Mescher, Antony L. 2009. Basic Histology Junqueira, Teks and Atlas, 9th Edition. MacGraw Hill Company 7. Ovalle, WK; Nahirney, PC. 2013. Netter's Histology Flash Card. 2nd Edition. Saunders Elsevier. Philadelphia. 8. Samuelson, DA. 2007. Textbook of Veterinary Histology. Saunders. Elsevier
Notes:	if absolute score on the Final Examination cannot be applied, the calculation with relative score will be conducted.

B. Mapping PLO to CO

PLO	CO1	CO 2	CO 3	CO4
PLO1 Having insight of veterinary ethic and comprehension towards the essence of profession vow and ethic code also baseline of veterinary profession	√	√	√	
PLO2 Having insight in the field of national animal health system and veterinary legislation	√	√	√	
PLO3 Having skills in practicing lege-artis medical treatment;		√		
PLO14 Well-communicate, able to cooperate in team				√