MODULE HANDBOOK

Course :Veterinary Physiology II

Academic Year : 2017/2018

A. Course Identity

Module name	Veterinary Physiology II
Module level	Bachelor
Abbreviation, if applicable	KHU-2042
Sub-Heading, if applicable	-
Courses included in the module, if applicable	1. Uropoietic System 2. Sensory Organ System 3. Male and Female Animal Reproductive System 4. Metabolism 5. Homeostasis
Semester/ Term	3 / Second year
Coordinator	Dr. drh. Sarmin, M.P.
Lecturer(s)	Dr. drh. Amelia Hana, M.P. Prof. Dr.drh. Pudji Astuti, M.P. Dr. drh. Claude Mona Airin, M.P. Dr. drh. Sarmin, M.P. drh. Yuda Heru Fibrianto, M.P., Ph. D. drh. Muhammad Tauhid Nursalim, M.Sc.
Language	Bahasa Indonesia
Classifications within the curriculum	Compulsory course
Teaching Format/ class hours per weeks during the semester	2 hours lectures/ week/ semester and 8 hours of FGD during 4 weeks/ semester
Workload	2 hours lecturer x 12weeks = 24 2hours of practice x 8 weeks = 16 2hours of FGD x 4 weeks = 8 2 hours self-study x 12 week = 24 2 hours x 2 times exams = 4 Total hours = 76, ECTS = 3,04
Credit points	3 (2/1)
Requirement	Veterinary Physiology I (KHU-1041)
Learning goals/ competencies	CO1: Students are able to identify organ functions. CO2: Students are very able to integrate the functions of each organ so that it can explain the mechanism of action of a body system CO3: Students are able to work in a laboratory CO4: Students are very able to collaborate in an interdisciplinary or multidisciplinary manner
Content	Lecture material includes:

	1. Kidney function includes the function and mechanism of the Anti Diuretic Hormone (ADH), the mechanism of micturisi, glomerular filtration. 2. Physiology of sensation, smell, hearing, vision and balance system. 3. Metabolism of carbohydrates, proteins and fats. 4. Physiology of reproductive organs and hormone and female.
Study/ exam achievement	Students are considered to be competent and pass if comply the 75% of lectures attendance and FGD requirements as stated in department and academic rules. Examination score : Mid Sem Exam (42,5%) + Final Sem Exam (42,5%) Total score : Examination score (85%) + FGD (15%) Final score : 100% Final index : (absolute score) NB= if absolute score cannot be applied, the calculation with relative score will be conducted.
Forms of Media	Powerpoint presentation, LCD Projector, Whiteboard, Laboratory
Literature	1. Cunningham, J. 2007. Textbook of Veterinary Physiology. Saunders, Santoluis, Missouri, USA 2. Frandson, SD., Wiike, WI, and Fails, AD. 2005. Anatomy and Physiology of Farm Animals. 7th Edition. Willey 3. Guyton, AC., and John EH. 2006. Textbook of Medical Physiology 11th edition. Elsevir Saunders Phladelphia. Pensylvania. USa 4. Larry, YRE. 2002. Review of Veterinary Physiology. Teton New Media. Jackson Wyoming USA 5. Tartaglia, L., and Anne W, 2005. Veterinary Physiology and Applied Anatomy atextbook for veterinary nurses and technicians. Butterworth, Heinemann, USA.

B. PLO Mapping 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				√