

MODULE HANDBOOK
 Course :Veterinary Basic Surgery
 Academic Year : 2017/2018

A. Course Identity

Module name	Veterinary Basic Surgery
Module level	Bachelor
Abbreviation, if applicable	KHU-4061
Sub-Heading, if applicable	-
Courses included in the module, if applicable	-
Semester/ Term	7 / Forth year
Coordinator	Dr. drh. Hartiningsih, M.P.
Lecturer(s)	Dr. drh. Hartiningsih, M.P. drh. SetyoBudhi, M.P. Dr. drh. DhirgoAji, M.P. drh. DevitaAnggraeni, M.P., Ph.D. drh. AgusPurnomo, M.Sc. drh. DitoAnggoro, M.Sc.
Language	Bahasa Indonesia
Classifications within the curriculum	Compulsory course
Teaching Format/ class hours per weeks during the semester	2 hours lecture per week/semester 4 hours of focus group discussion (FGD) during 1 weeks/semester
Workload	2 hours lecture /week : 2 hrs x 14 wk = 28 hrs 4 hours laboratory work/week : 4 hrs x 14 wk = 56 hrs 4 hours of FGD/semester : 4 hrs = 4 hrs TOTAL = 88 hours : 25 = 3,52 ECTS
Credit points	3 (2/1)
Requirements	Osteology, Arthrology, Myology, and Splanchnology (KHU 1011), Pharmacotherapy II & Toxicology (KHU 3033), Veterinary Clinical Pathology (KHU 3111)
Learning goals/ competencies	CO1 Ability to understand veterinary basic surgery. CO2 Ability to apply practical skills of veterinary basic surgery. CO3 Ability to analyze the knowledge, skills, social and methodological capacities in veterinary basic surgery. CO4 Ability to have a perceptive attitude to animal welfare problem and act more carefully in keeping aseptic condition during the surgery.
Content	The course are discuss about : (1) sterilization of operating room, surgical material and surgical instrument, (2) preparation before the surgery, (3) sutures and knots, (4) parenteral medicine administration technique, (5) catheterization, tracheal intubation, and resuscitation techniques, (6) anesthesia techniques, (7) shock

	and fluid therapy, (8) inflammation and wound healing, and (9) laparotomy technique
Study/ exam achievement	Written exam (65%), practicum (20%), focus group discussion (15%) A : ≥ 75 A- : 72.5 – 74.9 A/B : 70 – 72.4 B+ : 67.5 – 69.9 B : 65 – 67.4 B- : 62.5 – 64.9 B/C : 60 – 62.4 C+ : 57.5 – 59.9 C : 55 – 57.4 C- : 52.5 – 54.9 C/D : 50 – 52.4 D+ : 47.5 – 49.9 D : 45 – 47.4 E : < 45
Forms of Media	Powerpoint presentation, LCD Projector, Whiteboard, Laboratory
Literature	<ol style="list-style-type: none"> 1. Fossum TW, Dewey CW, Horn CV, Johnson AJ, Mac Phail CM, Radlinsky MG, Schulz KS, and Willard MD, 2013. Small Animal Surgery. 4th ed, Elsevier Mosby Inc., Missouri, USA 2. Griffon D and Hammaide A, 2016. Complication in Small Animal Surgery, Willey Blackwell Publishing, Ltd., United Kingdom 3. Grimm KA, Lamont LA, Tranquilli WJ, Greene SA and Robertson SA, 2015. Veterinary Anesthesia and Analgesia, 5th ed., Willey Blackwell Publishing, Ltd., United Kingdom 4. Slatter, D., 2003. Small Animal Surgery, 3 ed. Vol 1. Saunders, Elsevier Science (USA). 5. Tobias KM, 2010. Manual of Small Animal Soft Tissue Surgery, Willey Blackwell Publishing, Ltd., United Kingdom 6. Tobias KM and Johnston SA, 2012. Veterinary Small Animal Surgery, 1st ed, Elsevier Mosby Inc., Missouri, USA.

B. PLO Mapping to CO

PLO	CO1	CO2	CO3	CO4
PLO 3 : Having skills in practicing lege-artis medical treatment;		√		
PLO 4 : Having skills in handling some diseases in large animals, small animals, poultry, exotic animals, wildlife, aquatic animals and laboratory animals;	√			

<p>PLO 8 : Having skills in "therapeutic transaction", doing anamnesis, medical record, informed consent of medical treatment, prescription writing, doctor's certificate, and client education;</p>	√	√	√	√
<p>PLO 11 : Able to do innovation in the field of medical veterinary aligned with improvement of biotechnology and genetic engineering;</p>	√	√	√	