

Departement of Internal Medicine

RPKPS / Modul untuk ASIIN : Large Animal Internal Medicine

Modul name	Large Animal Internal Medicine
Modul level	Bachelor
Abbreviation, if applicable:	KHU 4055
Subheading, if applicable:	-
Courses included in the module, if applicable:	-
Semester/term:	7/ year 4
Module coordinator(s):	Prof. Dr. drh. Ida Tjahajati, M.P.
Lecturer(s):	<ol style="list-style-type: none"> 1. Prof. Dr. drh. Ida Tjahajati, M.P. 2. Prof. Drh. Hastari Wuryastuti, M.Sc., Ph.D. 3. Dr. drh. Soedarmanto Indarjulianto 4. Dr. drh. Yuriadi, M.P.`
Language:	Bahasa Indonesia
Classification within the curriculum:	Compulsory course
Teaching format /class hours perweek during the semester:	3 hours lectures per week / semester and 8 hours of focus group discussion (FGD) during 4 weeks / semester
Workload:	3 hours lecturer and 1 hours structural activities / week during 14 weeks and 1 credit / week of practicum : 2 hours work in laboratorium, 1 hour report work at home, 8 hours of FGD total 92 hours/ semester
Credit Points:	4
Requirements:	<ol style="list-style-type: none"> 1. Veterinary Clinical Nutrition (KH 2052) 2. Veterinary Pharmacotherapy II and Toxicology (KHU 3033) 3. Veterinary Clinical Diagnostic (KH 3053) 4. Veterinary Necropsy (KH 3103) 5. Veterinary Clinical Pathology (KH 3111)
Learning goals / competencies:	<ol style="list-style-type: none"> 1. Students will be able to interpret the examination in large animal internal practice (ruminants and non-ruminants) specifically; <ol style="list-style-type: none"> a. To understand the substances of and to comprehend the scope of large animal internal medicine. b. To acknowledge various disease causative agents and non-communicable

	<p>diseases of large animal internal medicine.</p> <ol style="list-style-type: none"> c. To understand various clinical signs of diseases in the ruminants. d. To understand various clinical signs of diseases in the non-ruminants. e. To determine drugs of choice available in large animal internal medicine practice. f. To acknowledge types of vaccines for large animals. g. To analyze various cases in large animal internal disease and to understand how to make a vaccination programs for large animals. <p>2. After completing the subject of Large Animal Internal Medicine, the students is expected to have more achievements in:</p> <ol style="list-style-type: none"> a. Knowledge / Understanding <ol style="list-style-type: none"> 1. Knowledge and understanding about general principle in internal medicine. 2. Knowledge and understanding about general cognition in large animals (ruminants and non-ruminants). 3. Knowledge and understanding general priciple in physical examination and sample collection of large animals. 4. Knowledge and understanding general priciple in laboratory examination and interpreting the laboratory results. 5. Knowledge and understanding vaccination and drug application procedures. b. Ability/ Intelectual skill <ol style="list-style-type: none"> 1. Capability of identifying and determining the problem in large animal internal practice. 2. Capability of anlyzing the cases in large animal internal disease. 3. Capability of analyzing the outbreak of any diseases and creating a vaccination program corresponding with. 4. Capability of applying physical examination procedure, collecting and examining specimen samples, applying treatment and nursing the patient of large animal internal diseases. c. Practical Skill <ol style="list-style-type: none"> 1. To own the skill of performing physical examination in large animal (ruminants and non-ruminants). 2. To own the skill of collecting specimen samples for laboratory examination to establish the confirmation of diagnosis. 3. To own the skill of identifying various clinical signs in large animal internal diseases. 4. To own the skill of interpreting the laboratory results. 5. To own the skill of diagnosing large animal internal diseases large in ruminants and non-ruminants. 6. To own the skill of applying the drugs suitable for the large animal internal diseases for ruminants and non-ruminants. 7. To own the skill of nursing the ruminants and non-ruminants suffered from the diseases. d. Managerial and Transferable Skill <ol style="list-style-type: none"> 1. To organize the nursing reports of the patients suffered from large animal internal diseases. 2. To manage the informations of patients suffered from large animal internal diseases. 3. To work in a team. 4. To make and to organize the medical records of patients of large animal internal diseases.
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	<p>e. Attitude</p> <ol style="list-style-type: none"> 1. To develop an appreciation of the health of ruminants and non-ruminants. 2. To develop a responsive act of surroundings related to the large animal internal diseases. 3. To develop an open-minded and innovative personality in order to acquire any informations about advanced large animal internal diseases (in ruminants and non-ruminants). 4. To be able to anticipate any problems emerged following the diseases.
<p>Content:</p>	<p>The course contents are : large animal internal diseases of : digestive system, respiratory system, cardiovascular system, mammary system, urinary system, lymphatic system, and neurological system; metabolic diseases; and lameness.</p>
<p>Study/exam achievements:</p>	<p>Students are considered qualified and passed the course if they manage to meet the requirements stated in both department of internal medicine and academic that is 75% of lectures attendance, practicum, and FGD.</p> <p>Examination score : Final exam 1 + final exam 2</p> <p style="text-align: center;">-----</p> <p style="text-align: center;">2</p> <p>Total score : 2 (eximination score) + practicum score</p> <p style="text-align: center;">-----</p> <p style="text-align: center;">3</p> <p>Final score : 85% (Total score) + 15% (FGD score)</p> <p>Final index :</p> <p>A: 100>NA≥75</p> <p>AB: 75>NA≥68</p> <p>B: 68>NA≥60</p> <p>BC: 60>NA≥55</p> <p>C: 55>NA≥50</p> <p>D: 50>NA≥45</p> <p>E: NA<45</p> <p>(absolute score)</p> <p>NB= if absolute score cannot be applied, the calculation with relative score will be conducted.</p>
<p>Literature:</p>	<p>AAK. 1995. Petunjuk Praktis Beternak SApi Perah. Ed 1. Kanisius, Yogyakarta.</p> <p>Adams, R. 1995. Veterinary Pharmacology and Therapeutic. Ed 7. Iowa State University Press, AMES, IOWA.</p> <p>Aiello, SE. 1998. The Merck Veterinary Manual. Ed 8. Merck & CO. Inc. Whitehouse Station, N.J., USA</p> <p>Anderws, dkk. 2004. Bovine Medicine, Diseases and Husbandry of Cattle. Ed 2. Blackwell Publishing Comp. USA</p> <p>Anonim. 2000. Infomatorium Obat NAsional Indonesia. Ed 1. Fajar</p>

	<p>Interpratama, Jakarta.</p> <p>Anonim. 2002. Data Obat Indonesia (DOI). Ed 10. Grafidian Medipress.</p> <p>Arora. 1995. Pencernaan Mikroba Pada Ruminansia. Gajah Mada University Press.</p> <p>Bahar, B. 2003. Memilih Produk Daging Sapi. Gramedia Pustaka Utama, Jakarta.</p> <p>Doherty, T. J. 1992. Diagnosis and Treatment of Large Animal. W. B. Saunders Co.,</p> <p>Ettinger, S.J. 1989. Text Book of Vet. Int. Medicine. Ed 3. W. B. Saunders Co., USA</p> <p>Kelly, W. R. 1984. Veterinary Clinical Diagnosis. Ed 3. Bailliere Tindall, London</p> <p>Murti, W. T. 2005. Ilmu Ternak Kerbau. Ed 4. Kanisius, Yogyakarta</p> <p>Nugroho, E & Whendrati, I. 1990. Beternak Babi. Ed 1. Eka Offset, Semarang.</p> <p>Prodjohardjono, S & Tjahajati, I. 2001. Ilmu Penyakit Ternak II. Ed 1. Gajah Mada Univerisity Press</p> <p>Prodjohardjono, S. 2001. Ilmu Penyakit Ternak II. Gajah Mada Univerisity</p> <p>Rossof. 1994. handbook of Veterinary Drug and Chem. Pharmatox Publishing Company, USA</p> <p>Siregar, S. 1995. Sapi Perah, Jenis, Tehnik Pemeliharaan dan Analisa Usaha. Ed 5. Pnabar Swadaya, Jakarta.</p> <p>Sitepoe, M. 2000. Sapi Gila. Grasindo, Jakarta</p> <p>Smith, B. P. 2002. Large Animal Internal Medicine. Ed 3. Mosby, Inc., USA.</p> <p>Sudardjat, S. & Pambudi, R. 2003. peduli Peternak Rakyat, Menjelang Dua Abad Sejarah Peternakan dan Kesehatan Hewan Indonesia. Ed 1. Yayasan AGrindo Mandiri, Jakarta.</p> <p>Triakoso, B. 2004. Kesehatan Sapi, Panduan Bagi Petugas Teknis. Ed 6. Kanisius, Yogyakarta</p>
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