

Description Course Education Professional Education K2020

SEMESTER 1

No.	Code	Subject	Description	SCH
1.	FKH1501	Prescription and Drug Applications	After completing this course, students can demonstrate several prescription for animal (terrestrial and aquatic) and 5 principles, namely: right preparation, dosage, method of administration, indication, and time of administration. Students are able to formulate the right prescription for cure various organ systems disease cause by infectious and non-infectious agent. Able to perform veterinary medical services, understand pharmaceutical installations in animal hospitals, and evaluate and monitor drug side effects.	3 (0-3)
2.	FKH1502	Veterinary Surgery and Radiology	Activities in the field of surgery and radiology aim to increase the knowledge and skills of PPDH students in the field of Surgery and Radiology. These activities include skills in carrying out clinical diagnoses of animal surgical cases, interpretation of radiography and ultrasonography as diagnostic support tools, administration of anesthesia, laboratory skills activities, management of emergency measures, handling of surgical cases which include preparation of pre-operation and post surgery as well as writing reports, presentation and discussion of cases held at the Department of Surgery and Radiology SVMBS IPB. The main orientation of the activity is improving students' skills through hands-on activities on the topics mentioned above.	4 (0-4)

			Another activity is related to knowledge of hospital management which is carried out at the IPB Animal Hospital	
3.	FKH1503	Internal Disease and clinical pathology	After completing this course, students are able to obtain signalement and anamnesis, physical examination diagnose various animal diseases (terrestrial and aquatic) with medical treatment on animals based on clinical diagnostic practice and clinical laboratory diagnostics, emergency management, treatment management, clinical dietetics and medicine as well as medical rehabilitatio that cause by infectious and non-infectious agent.	4 (0-4)
4.	FKH1504	Reproduksi dan Kebidanan	After completing this course, students are able to; 1) diagnose reproductive status, 2) practice breeding soundness examination and cement processing, 3) perform artificial insemination (IB) and pregnancy examination, and, 4) explain the application of embryo transfer reproductive technology (ET) and in vitro fertilization (IVF))5) diagnose and treat reproductive disorders, 6) implementation of reproductive management	4 (0-4)
			After completing this course, students are able to determine the causative agents of infectious animal diseases based on microbiology, parasitology and immunology laboratory tests. Students are able to receive, handle, store and examine samples from animals, read and interpret, determine and report the results of laboratory tests (microbiology, parasitology and immunology), good and correct sample destruction, as well as measurement suggestions for control and prevention of animal diseases.	

SEMESTER 2

No	Code	Subject	Description	SCH
1.	FKH1506	Diagnostic Pathology	Activities in the field of pathology aim to increase knowledge and skills in the field of pathology diagnostics in order to solve various problems and challenges that will be faced in the field, through hands-on activities to perform animal necropsy, pathological-anatomical and histopathological diagnosis, collection techniques, provision of samples, preparation of necropsy reports, scientific seminars, and discussions.	4(0-4)
2.	FKH1507	Veterinary Public Health and Epidemiology	<p>Activities in the Veterinary Public Health laboratory are related to veterinary public health, the national animal health system, zoonotic diseases and animal welfare by carrying out safety and quality checks for processed dairy and meat products as well as checking the freshness, safety of eggs and subclinical mastitis. Other activities related to s well as writing scientific work on specific topics related to veterinary public health, national animal health systems, animal welfare and zoonotic diseases.</p> <p>Activities in the Epidemiology Laboratory discuss the planning of steps (step by step) for controlling and eradicating animal diseases and zoonoses systematically starting from the stage of compiling the background on the importance of disease control, understanding the nature of the disease through compiling natural history and disease determinants, preparing a survey plan or surveillance to determine disease status, programs up to the stages of compiling costs and benefits of disease control.</p>	
3.	FKH1508	Cattle Health Field Practice	This course is in the form of internship on a cattle farm as an	2(0-2)

			integration of cattle health management practices in the fields of surgical, internal, reproductive diseases, nutrition and livestock environment related to increasing milk or beef production.	
4.	FKH1509	Animal Hospital Field Practice	Internship of animal hospital field practice aimed the student able to diagnosis, prognosis, treatment of diseases in small animals, perform emergency medical assistance, laboratory examinations, treatments, ethical, legal and systematic hospital management related to transactions, therapeutics, emergency management, outpatient, inpatient care, hospital laboratory management, treatment management, animal diet management, recording management, service management clients, as well as entrepreneurial skills in the field of animal health.	2(0-2)
5.	FKH150A	Poultry Farm Field Practice	Students are able to practice poultry rearing management, poultry health management, biosecurity and biosafety management and determine poultry disease diagnosis based on anatomical pathology examination, introduction to hatchery and feedmill.	2(0-2)
6.	FKH150B	Slaughter House Management & Veterinary Public Service	Field Practice Activities at Slaughter House Management and Veterinary Public Service study the role of veterinarians in ensuring that meat produced from slaughterhouses (ruminants and poultry) meets the criteria of Safe, Healthy, Intact and Halal (ASUH), especially in conducting ante and post mortem examinations and assessing sanitary hygiene practices , assessing the application of animal welfare, as well as controlling the slaughter of productive female animals. Field Practice Activities in the veterinary service were discuss the role of veterinarians in the field of animal health and public health at the service, especially in efforts to	2(0-2)

			control and eradicate strategic infectious animal diseases as well as efforts to ensure food of animal origin circulating in their work area meets the safe, healthy, intact and halal (ASUH) criteria.	
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SEMESTER 3

No	Code	Subject	Description	SCH
1.	FKH150C	Horse Health Field Practice	This course is an internship activity for VPE students in Horse Health Field Practice to learn how to diagnose and compare various clinical cases as well as insights from horse farming (stable), including the use of horses in various human activities (Transportation, Equestrian, Pacu etc.) integration of animal clinical examinations with other basic sciences in supporting the selection of appropriate treatment.	2(0-2)
2.	FKH150D	Preferred Professional Field Practice	Optional professional practice is an activity to add insight and skills according to the interests desired by students in the animal health sector.	2(0-2)
3.	FKH150E	Animal Welfare Field Practice	This field practice studies the Welfare assessment of animals in horse stables, ruminant and poultry farms, and laboratory animals (rats and mice).	1(0-1)
4.	FKH150F	Quarantine Field Practice	Students are familiar with the scope of work, organization, and duties of the animal quarantine function including quarantine requirements, quarantine service flow and actions, animal quarantine support facilities such as animal quarantine installations and animal product quarantine installations, as well as laboratory approaches, information systems and animal quarantine documents.	2(0-2)
5.	FKH150G	Veterinary Industry Field Practice	This course provides insight and teaches about biomedical material production techniques, especially vaccines and antisera along with quality control of their products as well as animal care for antisera production and vaccine testing.	2(0-2)
6.	FKH150H	Wildlife Health Field Practice	This course is an internship activity for PPDH students in Wildlife Health Services to learn how to diagnose, clinical examination of animals with other basic knowledge in supporting the	2(0-2)

			selection of appropriate treatment.	
7.	FKH150I	Aquatic Animal Health Field Practice	This course is an internship activity for PPDH students in Aquatic Animal Health Services to learn how to diagnose, clinical examination of animals with other basic knowledge in supporting the selection of the right treatment	2(0-2)
8.	FKH150J	Animal Laboratory Field Practice	This course provides an opportunity for students to be able to determine the choice of internship in the field of laboratory animals. After taking this course it is hoped that students will be able to understand, explain and practice basic knowledge related to the field of laboratory animals (Management of laboratory animal health & maintenance, animal handling, drug applications, blood/organ sampling, ethical commission protocols, anesthesia, analgesia, euthanasia, etc)	2(0-2)
9.	FKH150K	Veterinary Studies Final Examination	The Veterinary Study Final Examination is a form of comprehensive examination for prospective Veterinarians which is the final evaluation stage of the Veterinary Education Program (VPE) at SKHB IPB to determine the skills (capabilities) concerned as a Veterinarian. The competence of the candidate for Veterinary Medicine is evaluated to ensure that the minimum knowledge and competence requirements as a veterinarian are met.	