MODULE HANDBOOK

Course : Pharmacotherapy II and Toxicology Academic Year : 2017/2018

A. Course Identity

Module name	Pharmacotherapy II and Toxicology					
Module level	Bachelor					
Abbreviation, if applicable	KHU-3033					
Sub-Heading, if applicable	-					
Courses included in the	-					
module, if applicable						
Semester/ Term	6 / Third year					
Module Coordinator	Dr.drh. Agustina Dwi Wijayanti, M.P.					
Lecturer(s)	1. Dr. drh. Agustina Dwi Wijayanti, M.P.					
	2. Dr.drh. R. Gagak Donny Satria, M.P., M.Pd.					
	3. drh. Puspa Wikan Sari, S.U.					
	4. drh. Antasiswa Windraningtyas Rosetyadewi, M.Sc.					
	5. drh. Dwi Cahyo Budi Setiawan, M.Sc.,					
	6. Ida Fitriana, S.Farm., Apt., M.Sc.					
Language	Bahasa Indonesia					
Classifications within the	Compulsory course					
curriculum						
Teaching Format/ class	2 hours lectures per week/semester and 8 hours of focus group					
hours per weeks during the	discussion (FGD) during 4 weeks/semester					
semester						
Workload	1 hours lecturer and 1 hours structural activities/week during 14					
	weeks, 8 hours of FGD total 64 hours/semester					
	Total 64 hour/25 = 2,56 ECTS					
Credit points	2/0					
Requiremen	Pharmacotherapy					
Learning goals/	CO1 To know and understand the mechanism of action of drugs					
competencies	of variuos group, their potency, application of dosage and					
	the proper of rute administrations					
	CO2 Applying and illustrate the drug to the specific disease and					
	the disorder of system in the body that designated to specific					
	species, and basic concept and management therapy of					
	toxicity of various substances					
	CO3 Capable in collaborating work of team/group, have the					
	curiousity and antusiasm to topic of each subject, able to					
	conclude the summary of discussion					
Content	The course contents are :					
	1. Introduction to chemotherapy					
	2. Antimicrobia, antiviral and anticancer					
	3. Antiseptic and desinfectant					
	4. Antiparasitic agent					

	 Basic toxicology Drug and chemical toxicans Metal and pesticides poisoning Toxicology of plant Drug residue and food safety Antidotes and toxicant management 					
	Pharmacoepidemiology					
Study/ exam achievement	Assessment aspect	Assessment element	Point	Course outcome (CO)		
	Cognitive	Midterm Exam (UTS) Final Exam (UAS)	85	CO1, CO2		
	Psychomotor and Affective	Focus Group Discussion (FGD)	15	CO3		
	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.					
	Total score : Midterm Exam + Final Exam					
	2					
	Final score : 85% (Total score) + 15% (FGD score) Final index : A : $100>NA\geq75$ AB: $75>NA\geq68$ B : $68>NA\geq60$ BC: $60>NA\geq55$ C : $55>NA\geq50$ D : $50>NA\geq45$ E : $NA<45$ (absolute score) NB= if absolute score cannot be applied, the calculation with relative score will be conducted.					
Literature	 H. Richard Adam (editor). (2001). Veterinary Pharmacology and Therapeutic 8th ed. Blackwell Publishing. Iowa State University. Dawn Meron Boothe (editor). (2001). Small Animal Clinical 					
	 Pharmacology Philadelphia, Pe 3. Brander, Pugh, Pharmacology 	and Therapeut ennsylvania. Bywater, Jenkir and Therapeutics	ic. WB Saund ns. (1991). <i>Veta</i> s. ELBS. Baillie	ders Company. erinary Applied ere Tindall.		

4. Ramesh C. Gupta. (2012). Veterinary Toxicology, Basic and				
clinical principles 2nd ed. Academic press				

B. Mapping PLO to CO

PLO		CO 2	CO 3
PLO 2		\checkmark	
Having insight in the field of national animal health system and			
veterinary legislation;			
PLO 10	\checkmark		
Able to decide therapy appropriately, mastering traditional medicines,			
mastering animal medicine quality, mastering therapy side effects;			
PLO 11			
Able to do innovation in the field of medical veterinary aligned with			
improvement of biotechnology and genetic engineering;			
PLO 12			
Able to process research data, do the data analysis, take summary and			
decision correctly;			