RENCANA PROGRAM DAN KEGIATAN PEMBELAJARAN SEMESTER (RPKPS)



Sanitasi Linkungan Semester 2/2 SKS/KUI-6241 Program Studi S2 Ilmu Kesehatan Masyarakat

Oleh:

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Universitas Gadjah Mada Fakultas Kedokteran, Kesehatan Masyarakat dan Keperawatan 2019



Universitas Gadjah MadaFakultas Fakultas Kedokteran, Kesehatan Masyarakat, dan Keperawatan Departemen/Program Studi S2 Ilmu Kesehatan Masyarakat

	Departemen,	/Program Stu	ıdı S2 Ilmu Ke	esehatan N	/lasyarak	at 					
	RENCANA PR	OGRAM DAN	KEGIATAN	PEMBELAJ	ARAN SE	MESTER (RPKPS)				
Kode Mata Kuliah	Nama Mata Kuliah	Bobot (sks)	Semester	Status	Mata Kul	iah N	Mata Kuliah Prasyarat				
KUI-6241	Environmenta Sanitation	1 2	2	Core			-				
Capaian Pembelajara n Lulusan (CPL) yang dibebankan pada MK	ELO 3. Able to	analyze public he conduct and public foreate effective,	blish research				es and health service				
Capaian	СРМК1			oles of enviro	onmental s	anitation an	d its application in				
Pembelajara n Mata	various settings. CPMK2 Able to design research / analysis related to sanitation										
Kuliah	CPMK3 Able to design a sanitation health program										
(CPMK)	СРМК4	Able to evaluat			•		_				
	СРМК5										
	CPMK n										
Pemetaan											
CPL dengan		CPMK	CPMK	2 CPMF	CP :	MK 4					
СРМК	ELO 2	X			X						
	ELO 3		X								
Deskripsi	ELO 4			Х	Х		nmental sanitation and				
	sanitation problems. This lecture will also discuss food sanitation which covers sanitation problems in livestock products to sanitation evaluation based on GMP and HACCP. Lectures are conducted with face-to-face lectures, group discussions, and practical sessions at the Faculty of Agriculture. Through this lecture, students are expected to be able to understand the principles of environmental sanitation and its application in a variety of settings. Students are expected to be able to conduct sanitation problem assessments, design interventions with appropriate methods, and run sanitation program										
 Bahan	evaluation prog	grams. Iuction to Enviro	nmental Sanita	ntion and its	Relevance	to Public He	 Palth				
Kajian/Materi		anitation Syster				13 . 45/10 / 10					
Pembelajara		ssessment in Sa									
n		ition System Inte									
		tion Behavioral									
	6. Introd	luction to Food	Sanitation								
	7. Comp	osition and Cha	racteristics of M	1ilk and Bact	terial Detec	ction as Indic	cators of Sanitation				
	8. Evalua	ation of Milk Sar	nitation, GMP a	nd HACCP							
	9. Meat	Sanitation, Stan	dards of Meat	Quality and	Sanitation	of Imported	Meat				
	10. Sanitation of Eggs and Chicken Coops										
	11. Practi	cal Session at th	e Faculty of Ag	riculture							
	12. Practi	cal Session at th	e Faculty of Ag	riculture							
Metode Penilaian dan	17	n /	CDITT	CDI 417	OD: 447	OD3 ##	-				
Kaitan	Komponen Penilaian	Persentas	e CPMK 1	CPMK 2	CPMK 3	CPMK 4					
dengan	Exam	50%	X		3	X	1				
СРМК	Assignment	30%		Y	Y	1.	-				

MELOUE	
Penilaian dan	
Kaitan	
dengan	
CPMK	

Komponen Penilaian	Persentase	CPMK 1	CPMK 2	CPMK 3	CPMK 4
Exam	50%	X			X
Assignment	30%		X	X	
Discussion	10%		Х	Х	Χ
Attendance	10%				

Daftar Bahan dan Referensi

1. WHO. Guidelines on Sanitation and Health. 2018

	2 Almedo	m Δ Hygiene	Evaluation P	rocedures: Approa	aches and	Methods for	Assessing						
	Water	- and	Sanitation	- related	Hygiene	Practices	(1997)						
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	-		•	, Boisson S, Fung I			Cuadon						
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	-	S, Cairncross S. Interventions to improve disposal of human excreta for preventing diarrhoea. Cochrane Database of Systematic Reviews 2010, Issue 6. Art. No.:											
				358.CD007180.pu		10, issue 6.	AIL NO.:						
			•	it (2009) Effective		custainahilitu.	of water						
	•	•		, ,		•	-						
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			-).1080/194393409									
				tematic approach t		_							
				or in developing o		•	-						
		•	•	nal Journal of Envir	ronmental	Health Resea	rch, 22:5,						
		9, DOI: 10.1080											
		_		ni, R. Principles	of Food	Sanitation S	Sixth Ed.						
		rland: Springe											
		•		22000: Applicat	ion to Fo	ods of Anima	al Origin.						
	Singapo	ore:Wiley-Black	well; 2019										
Nama Dosen	Prof. Dr. dr. A	di Haru Sutar	no M So										
Pengampu	Prof. Dr. Ir. N		110, WI.SC										
(Team	1101. D1. 11. 14	arriyam, 1415											
Teaching)		1											
Otorisasi	Tanggal Koordinator Mata Kuliah Keahlian Ketua Program Studi												
	Penyusunan	Roordinator	viata Kullali	(Jika Ada)		Ketua Fiografi	i Stuui						
		Tanda T	-	Tanda Tangai		Tanda Tang							
		Nama 1	erang	Nama Terang	7	Nama Terd	ing						

Rencana Kegiatan Pembelajaran Mingguan (RKPM)

Minggu	Sub-CPMK (Kemampuan		Metode Penilaia	ın	Bahan Kajian (Materi	Metode	Beban Waktu	Pengalaman	Media	Pustaka dan Sumber
Ke-	Akhir yang Direncanakan)	Indikator	Komponen	Bobot (%)	Pembelajaran)	Pembelajaran	Pembelajaran	Belajar Mahasiswa	Pembelajaran	Belajar Eksternal
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Students are expected to explain the impact of sanitation on health	Answerin g exam questions correctly Active in discussio n, appropria te content in discussio n	Exam	1%	Introduction to Environmental Sanitation and its Relevance to Public Health	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	WHO. Guidelines on Sanitation and Health. 2018
2	Students are expected to be able to identify sanitation problems in the urban setting	Answerin g exam questions correctly Active in discussio n, appropria te content in discussio n	Exam	1%	Safe Sanitation System	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	WHO. Guidelines on Sanitation and Health. 2018

3	Students are expected to be able to design a risk assessment method for sanitation problems	Answerin g exam questions correctly Active in discussio n, appropria te content in discussio n	Discussion	1%	Risk Assessment in Sanitation	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	WHO. Guidelines on Sanitation and Health. 2018 Almedom, A. Hygiene Evaluation Procedures: Approaches and Methods for Assessing Water – and Sanitation – related Hygiene Practices (1997)
4	Students are expected to be able to explain various types of sanitation interventions.	Answerin g exam questions correctly Active in discussio n, appropria	Exam	1%	Sanitation System Interventions	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	WHO. Guidelines on Sanitation and Health. 2018

Students are	te				Clasen TF,
expected to be	content				Bostoen K,
able to design health	in discussio				Schmidt
programs for	n				WP,
sanitation					Boisson S,
problems					Fung ICH,
					Jenkins
					MW, Scott
					B, Sugden S,
					Cairncross
					S.
					Interventio
					ns to
					improve
					disposal of
					human
					excreta for
					preventing
					diarrhoea.
					Cochrane
					Database of
					Systematic
					Reviews
					2010, Issue
					6. Art. No.:
					CD007180.
					DOI:
					10.1002/14
					651858.CD0

										07180.pub2
										Hugh Waddingto n & Birte Snilstveit (2009) Effectivenes s and sustainabilit y of water, sanitation, and hygiene interventio ns in combating diarrhoea, Journal of Developme nt Effectivenes s, 1:3, 295- 335, DOI: 10.1080/19 439340903 141175
5	Students are expected to be able to explain	Answerin g exam	Exam	4%	Sanitation Behavioral Internventions	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	WHO. Guidelines

sanitation interventions.	Active in discussio	cussion 1%			on Sanitation and Health. 2018
Students are expected to be able to design health programs for					
					a guideline, Internation al Journal of Environmen tal Health Research,

										449, DOI: 10.1080/09 603123.201 1.650156
6	Students are expected to be able to explain the principle of sanitation in food	Answerin g exam questions correctly Active in discussio n, appropria te content in discussio n	Exam	1%	Introduction to Food Sanitation	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	Mariott, S., Schilling, W., Gravani, R. Principles of Food Sanitation Sixth Ed. Switzerland: Springer; 2018
7	Students are expected to be able to analyze the quality of milk and milk products	Answerin g exam questions correctly Active in discussio n, appropria te content in discussio n	Exam Discussion	1%	Composition and Characteristics of Milk and Bacterial Detection as Indicators of Sanitation	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	Mariott, S., Schilling, W., Gravani, R. Principles of Food Sanitation Sixth Ed. Switzerland: Springer; 2018

8	Students understand the standard of sanitation for milk Students are expected to be able to evaluate milk sanitation	Answerin g exam questions correctly Active in discussio n, appropria te content in discussio n	Discussion	1%	Evaluation of Milk Sanitation, GMP and HACCP	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	Mariott, S., Schilling, W., Gravani, R. Principles of Food Sanitation Sixth Ed. Switzerland: Springer; 2018 Arvanitoyan nis, I. HACCP and ISO 22000: Application to Foods of Animal Origin. Singapore: Wiley- Blackwell; 2019
9	Students are expected to be able to assess the quality of meat	Answerin g exam questions correctly Active in discussio	Exam	1%	Meat Sanitation, Standards of Meat Quality and Sanitation of Imported Meat	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	Mariott, S., Schilling, W., Gravani, R. Principles of Food

			n, appropria te content in discussio n								Sanitation Sixth Ed. Switzerland: Springer; 2018
-	10	Students are expected to be able to assess the sanitation of eggs and cages	Answerin g exam questions correctly Active in discussio n, appropria te analysis in discussio n	Exam	1%	Sanitation of Eggs and Chicken Coops	Face to face lecture and discussion	2 x 50 minutes	Discussion	Powerpoint presentation	Mariott, S., Schilling, W., Gravani, R. Principles of Food Sanitation Sixth Ed. Switzerland: Springer; 2018
	11	Students are expected to be able to demonstrate skills in environmental sanitation programs for livestock	Answerin g exam questions correctly Demonstr ates appropria te skills in practical assignme nts	Exam Assignment	4% 15%	Practical Session at the Faculty of Agriculture	Practical session	2 x 50 minutes	Practice	Agricultural tools	Mariott, S., Schilling, W., Gravani, R. Principles of Food Sanitation Sixth Ed. Switzerland: Springer; 2018

12	Students are	Answerin	Exam	4%	Practical	Practical	2 x 50 minutes	Practice	Agricultural	Mariott, S.,
	expected to be	g exam			Session at the	session			tools	Schilling,
	able to demonstrate	questions			Faculty of					W.,
	skills in	correctly			Agriculture					Gravani, R.
	environmental		Assignment	15%						Principles of
	sanitation	Demonstr								Food
	programs for	ates								Sanitation
	livestock	appropria te skills in								Sixth Ed.
		practical								Switzerland:
		assignme								Springer;
		nts								2018

Keterangan:

Penilaian pembelajaran (3), (4), (5) dapat berupa:

Metode:

Tatap muka: observasi, tes tertulis, kuis, dsb

Daring: tugas essay, feedback, penilaian teman sejawat, penyusunan proposal, penyusunan

paper, dsb

Instrumen

Tatap muka: soal essay, dsb

Daring: pilihan ganda, dsb

Bobot nilai

Bahan kajian (6) dapat berupa:

Sumber belajar yang diberikan oleh pengampu MK, jelaskan substansinya

Sumber belajar yang diperoleh mahasiswa secara online dalam bentuk teks, *slides, audio, video* dsb, jelaskan substansinya.

Metode pembelajaran (7) dapat berupa:

Metode tatap muka: pemaparan, collaborative learning, problem based learning, dsb

Metode daring: self learning, tugas terstruktuir, essay writing, dsb

Beban waktu pembelajaran (8):

Tatap muka 2 x 50 menit, atau

Daring 2 x 60 menit belajar mandiri, 2 x 60 menit tugas terstruktur

Pengalaman belajar/aktivitas mahasiswa (9) dapat berupa:

Tatap muka: belajar berkelompok, berdiskusi, berdebat secara konstruktif, pemecahan masalah, dsb

Daring: belajar mandiri, berlatih mengkaji literature, berlatih menulis essay, dsb

Media pembelajaran (10) dapat berupa:

Tatap muka: computer, in focus, alat tulis, alat peraga, dsb

Daring: computer, gadget, akses internet, dsb