
 Universitas Airlangga	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
	SLP		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
	Revision - Date	January 1 st , 2019	Kurnia Dwi Artanti, dr., M.Sc.	Dr. Diah Indriani, S.Si., M.Si	Dr. Santi Martini, dr., M.Kes	
Faculty of Public Health	Valid on Semester (odd/even) / Academic Year	Even Semester	(sign)	(sign)	(sign)	

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A. DETAILS OF COURSE


1. Course Name	Epidemiology of Non-Communicable Disease
2. Course Code	KME303
3. Credits (SKS)	2 (two) SKS
4. Semester / Term	IV (fourth)
5. Study Program	Bachelor of Public Health
6. Graduate Learning Outcomes	At the end of the course, students will be able to understand the epidemiology of non-communicable diseases and aspects of prevention and mitigation
7. Course Learning Outcomes	Applying Public Health Sciences, including social and behavioral sciences, chronic diseases, infections, and accidents
8. Course Description	This course discusses the prevention of non-communicable diseases through Epidemiology approach, epidemiological problems of non-communicable diseases, preventive aspects in the epidemiology of non-communicable diseases, Epidemiology of Cancer, Epidemiology of Cardiovascular and Renal Diseases, Epidemiology of Diabetes Mellitus, Epidemiology of Cataracts, Epidemiology of Mental Health , Epidemiology of Arthritis and Rheumatism, and Epidemiology of Bronchial Asthma
9. Course Prerequisites (if any)	None
10. Instructor	Kurnia Dwi Artanti, dr., M.Sc.
11. Teaching Assistants	

B. TEACHING PROGRAM

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Week	Skills expected at the end of each learning phase (Sub-Course Achievement) (C, A, P)	Study Materials	Teaching Methods	Additional Materials for Learning	Meeting Time	Course Objectives	Criteria and Indicator of Evaluation / Measurable Learning Outcome (hard dan soft skills)	Mark / Grade / Percentage (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
1	Students are able to explain the epidemiological approach to overcome non-communicable diseases and the aspects of prevention	1. Epidemiological approach to dealing with non-communicable diseases 2. Primary prevention aspects 3. Early detection of disease (screening principle) 4. The role of the epidemiological approach in the rehabilitation phase of the patient	Lectures	LCD and Laptop	2x50 minutes		1. Logical thinking 2. Critical thinking		Book 1,2,4

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1	2	3	4	5	6	7	8	9	10
2	Students are able to explain the epidemiology of cataracts and asthma and their mitigation efforts.	1. Epidemiology of cataracts and its mitigation 2. Epidemiology of bronchial asthma and its mitigation	Lectures	LCD and Laptop	2x50 minutes		1. Logical thinking 2. Critical thinking		Book 2,3,5
3	Students are able to explain the epidemiology of Chronic Renal Disease and its mitigation	Epidemiology Chronic Renal Disease and its mitigation	Lectures	LCD and Laptop	2x50 minutes		1. Logical thinking 2. Critical thinking		Book 2,3,5
4	Students are able to explain the epidemiology of cancer	1. Cancer problems in society 2. Epidemiological approach to cancer.	Lectures	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking		Book 2,3,5 and 6
5	Students are able to explain the epidemiology of cardiovascular disease and its mitigation	1. Cardiovascular disease problems 2. Epidemiological approach	Lectures	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking		Book 2,3,5

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1	2	3	4	5	6	7	8	9	10
6	Students are able to review articles according to the topic of epidemiology of non-communicable diseases	1. Problems of non-communicable diseases 2. Epidemiology of each topic 3. Prevention of non-communicable diseases with an epidemiological approach	Group seminar	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking 3. Accuracy 4. Teamwork		Scientific Article and Journal
7	Students are able to review articles according to the topic of epidemiology of non-communicable diseases	1. Problems of non-communicable diseases 2. Epidemiology of each topic 3. Prevention of non-communicable diseases with an	Group seminar Group discussions	LCD and Laptop	2 x 50 minutes		Teamwork		Scientific Article and Journal

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1	2	3	4	5	6	7	8	9	10
		epidemiological approach							
MID-SEMESTER EXAMINATION									
8	Students are able to explain the epidemiology of diabetes disease and its mitigation	Epidemiology of diabetes and its mitigation	Lectures	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking		Book 2,3,5
9	Students are able to explain the epidemiology of mental health and its mitigation	Epidemiology of mental health and its mitigation	Lectures	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking		Book 2,3,5
10	Students are able to explain the epidemiology of dental and oral diseases and their mitigations	Epidemiology of dental and oral diseases and their mitigations	Lectures	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking		Book 2,3,5
11	Students are able to explain the epidemiology of arthritis and rheumatism and their mitigations	Epidemiology of arthritis and rheumatism and their mitigations	Lectures	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking		Book 2,3,5

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1	2	3	4	5	6	7	8	9	10
12	Students are able to review articles according to the topic of epidemiology of non-communicable diseases	1. Problems of non-communicable diseases 2. Epidemiology of each topic 3. Prevention of non-communicable diseases with an epidemiological approach	Group seminar	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking 3. Accuracy		Scientific Article and Journal
13.	Students are able to review articles according to the topic of epidemiology of non-communicable diseases	1. Problems of non-communicable diseases 2. Epidemiology of each topic 3. Prevention of non-	Group seminar	LCD and Laptop	2 x 50 minutes		1. Logical thinking 2. Critical thinking 3. Accuracy		Scientific Article and Journal

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1	2	3	4	5	6	7	8	9	10
		communicable diseases with an epidemiological approach							
FINAL EXAMINATION									

C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

Readings:

1. Beaglehole, R., R. Bonita, T. Kjellstrom, 1993. Basic Epidemiology, WHO Geneva
2. Bustan, M.,N., 1997. Epidemiologi Penyakit Tidak menular. Cetakan pertama, penerbit rineka Cipta
3. Fletcher, Robert W.and Fletcher, Suzanne W, 2005. Clinical epidemiology : The Essential: Fourth Edition. Lippincott Williams & wilkins, Baltimore. USA
4. Friedman, Gary D., 1992. Prinsip-Prinsip Epidemiologi (terjemahan), Yayasan Essentia Medica, Yogyakarta
5. Dan Longo, Anthony Fauci, Dennis Kasper, Stephen Hauser, J. Jameson, Joseph Loscalzo. Harrison's, Principle of Internal Medicine, 18 th edition, 2011, Mc Grow Hill, USA
6. Ahrens W. and Pigeot I.,2007. Handbook of Epidemiology. Second edition. Springer Berlin Heidelberg. New York
7. David V.Mcqueen. 2013.Global Handbook on Noncommunicable Disease and Health Promotion.Springer New York Heidelberg Dordrecht London