
 Universitas Airlangga	<b>SEMESTER LEARNING PLAN</b>		<b>Prepared by</b>	<b>Examined by</b>	<b>Approved by</b>	<b>Document Registration Number</b>
	<b>SLP</b>		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
	Revision - Date	January 1 <sup>st</sup> , 2019	Dini Ririn Andrias, S.KM., 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	Odd Semester 2019/2020	(sign)	(sign)	(sign)	

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## A. DETAILS OF COURSE


<b>1. Course Name</b>	Food Security
<b>2. Course Code</b>	NUM 216
<b>3. Credits (SKS)</b>	2 (two) SKS
<b>4. Semester / Term</b>	7 (seventh)
<b>5. Study Program</b>	Bachelor of Public Health
<b>6. Student Learning Achievement</b>	After attending this course, students are expected to be able to explain concept/paradigm of food security
<b>7. Course Learning Achievement</b>	<ol style="list-style-type: none"> <li>1. Conduct advocate for health program and resources</li> <li>2. Use correct method to interact sensitively, effectively and professionally with people from different cultural backgrounds</li> <li>3. Define, assess, and understand nutrition status on population, health and disease determinants, and factors contributing to health promotion and disease prevention</li> <li>4. Apply public health science, including social and behavioral sciences, chronic disease, infection, and accident</li> <li>5. After attending this course, students are able to assess food security on individual, household, and regional levels</li> </ol>
<b>8. Course Description</b>	The course on Food Security discusses: concepts/paradigms of food security, determinant factors, indicators, food security, food security systems, conditions of food security (world and Indonesia) from various aspects: production, availability, distribution, consumption and food security and dual nutrition burden), identification of food insecurity, along with food insecurity measures (FIA, ISMAP), social capital and coping mechanisms
<b>9. Course Prerequisites (if any)</b>	None
<b>10. Instructor</b>	Dini Ririn Andrias, S.KM., M.Sc.
<b>11. Teaching Assistants</b>	Dini Ririn Andrias, S.KM., M.Sc Dr. Annis Catur Adi, Ir., M.Si.

## B. TEACHING PROGRAM

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1	2	3	4	5	6	7	8	9	10
1	Students are able to explain concept/ paradigm of food security	1. History and development of food security concept: <ol style="list-style-type: none"> <li>Green Revolution in 1950s</li> <li>Dynamic of food security concept from 1960s to 1990s</li> <li>Concept of food security post-reformation</li> <li>Concept of food sovereignty</li> </ol> 2. Dimension or pillars of food security <ol style="list-style-type: none"> <li>Food availability</li> <li>Food accessibility</li> <li>Food utilization</li> <li>Food stability</li> </ol> 3. Types of food insecurity	1. Lectures 2. Discussions 3. e-learning	LCD and Laptop	2x50 minutes		Critical thinking		Book 1, 2, 4, 5, 6

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1	2	3	4	5	6	7	8	9	10
		a. Chronic food insecurity b. Transitory food insecurity 4. Determinant factors of food security a. Conceptual framework of malnutrition b. Conceptual framework of malnutrition at household level							
2	Students are able to explain food security system	1. Definition of food security system a. System of food institution 2. Food security institution a. Development of food security institutions	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 2

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1	2	3	4	5	6	7	8	9	10
		b. Future food security institutions							
3	Students are able to explain situation and condition of food security in Indonesia	Situation and condition of food security in the world and Indonesia : a. Situation of food production in the world and Indonesia b. Situation of food distribution in the world and Indonesia	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 7
4	Students are able to explain situation and condition of food security in Indonesia	Situation and condition of food security in the world and Indonesia : a. Consumption situation in the world and Indonesia	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 7

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1	2	3	4	5	6	7	8	9	10
		b. Situation of food security in the world and Indonesia							
5	Students are able to explain indicators of food security on macro and micro level Indikator	Indicator of food security on various social and administrative level: a. Food security and nutrition on macro, meso and micro b. Indicators of food security and nutrition on macro level	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 1, 3
6	Explaining indicators of food security on meso and micro level	Indicators of food security on various social and administrative level: c. Food security and nutrition on macro, meso and micro	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 1, 3

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1	2	3	4	5	6	7	8	9	10
		d. Indicators of food security and nutrition on meso and micro level							
7	Students are able to explain identification and insecurity of food on regional level	Identification and insecurity assessment instrument on regional level: a. Food Insecurity Atlas b. ISMAP c. Social Capital Index	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 7
<b>MID-TERM TEST</b>									
8	Students are able to explain identification and instrument of food security on household level	Identification and instrument of food insecurity on household level: a. Household hunger scale/ HFIAS b. US- HF SSM	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 7

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1	2	3	4	5	6	7	8	9	10
		c. Differences between HHS, HFIAS dan US-HFFS d. HDDS-IDDS e. Coping Strategy Index							
9	Students are able to explain identification and food insecurity instrument on household level(continued)	Identification and food insecurity assessment instrument on household level: a. Household hunger scale/ HFIAS b. US- HF SSM c. Differences HHS, HFIAS and US-HFFS d. HDDS-IDDS e. Coping Strategy Index	1. Lectures 2. Discussions 3. Assignments	LCD and Laptop	2x50 minutes		Critical thinking		Book 7

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<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
10	Students are able to explain institution of food security	a. Foundation of food insecurity institutions' policy b. Position, Task, Function of East Java Food Security Agency c. Laws on food	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 2, 6
11	Students are able to explain strategies and intervention in improving food availability	1. Macro Level a. Intervention and strategies to increase food availability on macro level b. Intervention and strategy to improve access to food on macro level c. Intervention & strategies to prevent food insecurity on macro level: SKPG,	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 1, 3



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1	2	3	4	5	6	7	8	9	10
		SIDI (early warning system) d. Intervention & strategy to improve food availability on macro level 2. Micro level a. intervention & strategies to improve access to food on micro level							
12	Students are able to explain program of food insecurity prevention (SKPG)	1. Preface: a. Food system and Nutrition b. Objective of Food System and Nutrition c. Cause symptoms of food insecurity	1. Lectures 2. Discussions	LCD and Laptop	2x50 minutes		Critical thinking		Book 1,3

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1	2	3	4	5	6	7	8	9	10
		2. System of food insecurity and nutrition: <ol style="list-style-type: none"> <li>a. Guidance of SKPG</li> <li>b. General objective of SKPG</li> <li>c. Output of SKPG</li> <li>d. Benefits of SKPG</li> </ol> 3. Components of SKPG <ol style="list-style-type: none"> <li>a. Monthly food situation analysis</li> <li>b. Annual food situation analysis</li> <li>c. Dissemination of information</li> </ol> 4. Management SKPG: <ol style="list-style-type: none"> <li>a. Main duty of SKPG team</li> <li>b. Specific duty of SKPG team</li> </ol>							

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1	2	3	4	5	6	7	8	9	10
		5. Problems in implementation of SKPG							
13.	Students are able to deliver, present and explain their assigned tasks and review all materials	Present and discuss the result of presentation in line with shared and reviewed materials	Discussions	LCD and Laptop	2x50 minutes	Mampu mendengar, bertanya, berpikir kritis, berinisiatif, berdiskusi, berpendapat & menghargai pendapat orang lain	1. Complex thinking 2. Teamwork		Book 1,2,3,4,5,6 and 7
<b>FINAL TERM TEST</b>									

### C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

#### Required Readings :

1. Klennert, Klaus (ed.), 2009. Achieving Food and Nutrition Security, Actions to Meet the Global Challenge, a Training Course Leader 3<sup>rd</sup> edition. Germany: Inwent
2. Badan Ketahanan Pangan, 2010. Satu Dasawarsa Kelembagaan Ketahanan Pangan di Indonesia (1999-2009). Jakarta: Badan Ketahanan Pangan, Kementerian Pertanian
3. Maxwel. 1998. Household food security: concept, indicator and measurement. IFAD
4. Gross R, H Schoeneberger, H Pfeifer, HA Preuss. 2000. The Four Dimensions of Food and Nutrition Security: Definitions and Concepts. Inwent, FAO
5. FAO. 2003. Trade reform and food security, conceptualizing the linkages
6. Undang-undang Republik Indonesia no 18 tahun 2012 tentang Pangan

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7. FAO. State of World Food Insecurity