	SEMESTER LEARNING PLAN SLP Revision - Date January 1st, 2019		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga			(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
			Prof. Bambang W., dr., Ph.D., Sp. GK	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)	

[•] Evaluation of this document is needed every year

A. DETAILS OF COURSE

1.	Nama Mata Kuliah	Introduction to Community Nutrition
2.	Kode Mata Kuliah	NUM 301
3.	Beban Studi (sks)	2 (two) SKS
4.	Semester	3 (third)
5.	Jurusan/Prodi	Bachelor of Public Health
6.	Student Learning Achievement	After attending this course, students are able to comprehend and scrutinize nutritional problems, especially the link between nutritional substances in food and human's health. In addition, they can understand and formulate a concept of nutrient need calculation, analyse major nutritional problems in community and assess nutritional status.
7.	Course Learning Achievement	 Collect and interpret data and information related to risks and benefits Collect, summarize and interpret information on various health issues State feasibility dan expected outcome of every policy option Take relevant action to address ongoing problem Develop a plan to implement policy Lead and participate in group to formulate specific public health issues Employ correct method to interact sensitively, effectively and professionally with people from diverse cultural backgrounds Describe government's role in providing healthcare to people Identify potential and resources in society Collect people's aspirations as consideration in the development of health's policy and program Inform program's policy and resources to people Identify individual and organization's obligations in terms of essential public health concept and basic functions Identify and apply basic research method used in public health Apply public health science, including social and behavioural knowledge, chronic diseases, infection, and accident
8.	Course Description	This course discusses the definition, history of nutrition science, its scope area and role, role of food and nutrition in human's life and health, various nutritional compounds (carbohydrate, fat, protein, vitamin, mineral and water) and their derivatives, characteristics, functions, and food source for each nutritional compound, nutritional need and adequacy comprising nutritional need based on

	SEMESTER LEARNING PLAN SLP		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga			(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
33	Revision - Date	January 1 st , 2019	Prof. Bambang W., dr., Ph.D., Sp. GK	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)	

9. Course Prerequisites (if any)	physiological groups in line with life cycle. Furthermore, students will understand and study major nutritional problems in community (protein energy deficiency, anemia, problems because iodine deficiency, vitamin A deficiency). After that, various methods determining nutritional conditions in community are discussed. None
10. Instructor	Prof. Bambang W., dr., Ph.D., Sp.GK
11. Teaching Assistants	Dr. Merryana Adriani, S.KM., M.Kes Sri Sumarmi, S.KM., M.Si Triska Susila Nindya, S.KM., M.PH Siti Rahayu Nadhiroh, S.KM., M.Kes Dini Ririn Andrias, S.KM., M.Sc Lailatul Muniroh, S.KM., M.Kes

B. TEACHING PROGRAM

W	/eek	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 / Percent age (%)	Reference Number Ref. (nomor)
	1	2	3	4	5	6	7	8	9	10
	1	Students are able to explain	1. Future	1. Lectures	LCD,	2x50		Complex thinking		
		course outline	discussion points and sub-point 2. Aim and advantages of studying the course	2. Discussions	Computer/la ptop and Whiteboard	minutes				

	SEMESTER LEARNING PLAN SLP		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga			(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
	Revision - Date	January 1 st , 2019	Prof. Bambang W., dr., Ph.D., Sp. GK	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	(-:)	(-1	(-i)	
			(sign)	(sign)	(sign)	

Wee	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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
2	Students are able to explain PEM problems	PEM problems: 1. Nutrition problems 2. PEM definition 3. Causes of PEM 4. Nutrition diseases that come with PEM 5. Infections with PEM 6. PEM assessment with anthropometry 7. Classification of Nutrition Status 8. Prevention 9. Procedure for severe PEM	1. Lectures 2. Discussions	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		

	SEMESTER LEARNING PLAN SLP		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga			(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
	Revision - Date	January 1 st , 2019	Prof. Bambang W., dr., Ph.D., Sp. GK	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)	(sian)	

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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		Diet procedure on PEM Failure of protein function							
3	Students are able to explain anemia	 Definition of anemia Symptoms Causes Prevention Treatment 	 Lectures Discussions 	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		
4	Students are able to explain IDD	IDD Problems: 1. Iodine and Iodine Pathway on Tiroid Gland 2. Epidemiology and Pathophysiology of IDD 3. Assessment and Diagnosis	Lectures Discussions	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		

	SEMESTER LEARNING PLAN SLP		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga			(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
33	Revision - Date	January 1st, 2019	Prof. Bambang W., dr., Ph.D., Sp. GK	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	(cian)	(sign)	(sign)	

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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		4. Prevention and Treatment							
5	Students are able to explain VAD	VAD Problems: 1. Definition 2. Prevalence 3. Method of Assessment 4. Current Studies' Results	 Lectures Discussions 	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		
6	Students are able to explain Obesity	Obesity Problems: 1. Defintiion 2. Risk Factors 3. Current Studies' Results	Lectures Discussions	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		
7	Students are able to explain socio-cultural aspects of nutrition	Sosio-cultural aspects of nutrition: 1. Defintiion and concept of socio-cultural problem.	Lectures Discussions	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		

	SEMESTER LEARNING PLAN SLP		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga			(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
33	Revision - Date	January 1 st , 2019	Prof. Bambang W., dr., Ph.D., Sp. GK	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)	

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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		Factors affecting socio- cultural aspects Helath and nutrition problems as well as tehir factors							
			MID-7	TERM TEST			1		
8	Decipher linkage of nutrition, agriculture and population	Nutrition, agriculture and population: 1. Current population problems 2. Attempts to fulfil nutritional needs and its relation with population	 Lectures Discussions 	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		

	SEMESTER LE	ARNING PLAN	Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga	Revision - Date January 1st, 2019		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
			Prof. Bambang W., dr., Ph.D., Sp. GK	Dr. Diah Indriani, S.Si., M.Si	Dr. Santi Martini, dr., M.Kes	
Faculty of Public Health						
			(sign)	(sign)	(sign)	

Weel	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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		3. Current condition and nutrition problems analysis due to population 4. Factors affecting food production and policy 5. Issues behind global food crisis 6. Causes of food crisis in Indonesia 7. Analysis on current condition of food problems because of food and agriculture							

	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga	SLP Revision - Date January 1 st , 2019		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
			Prof. Bambang W., dr., Ph.D., Sp. GK	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	(eign)	(eign)	(cian)	

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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		8. Food system and production							
9	Students are able to explain micro nutrition and macro economy	Micro nutrition and macro economy: 1. Economic concept and nutrition 2. Macro and micro economic policy affecting nutrition status 3. Economic needs and nutrition 4. Factors affecting food consumption of household	 Lectures Discussions 	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		
10	Students are able to explain nutrition and infectious disease	Infectious disease: 1. Identification on general	 Lectures Discussions 	LCD, Computer/la ptop and	2x50 minutes		Complex thinking		
				Whiteboard					

	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga	SLP Revision - Date January 1 st , 2019		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
			Prof. Bambang W., dr., Ph.D., Sp. GK	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	(eign)	(eign)	(cian)	

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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		infectious diseases 2. Identification on infectious diseases in Indonesia 3. Relation between nutrition and infectious diseases 4. Preventive measures to infectious diseases							
11	Students are able to explain nutrition and infectious disease	Infectious disease: 1. Identification on general infectious diseases	 Lectures Discussions 	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		

	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga	SLP Revision - Date January 1 st , 2019		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
			Prof. Bambang W., dr., Ph.D., Sp. GK	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	(eign)	(eign)	(cian)	

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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		Identification on infectious diseases in Indonesia Relation between nutrition and infectious disease Preventive measures to infectious diseases							
12	Students are able to explain nutrition and degenerative disease	Degenerative disease: 1. General degenerative diseases identification 2. Degenerative diseases	 Lectures Discussions 	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		

	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga	SLP Revision - January 1st, 2019		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
			Prof. Bambang W., dr., Ph.D., Sp. GK	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)	

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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		identification in Indonesia 3. Relation between nutrition and degenerative disease 4. Preventive measures to degenerative diseases							
13.	Students are able to explain nutrition and degenerative disease	Degenerative disease: 1. General degenerati ve diseases identificati on 2. Degenerati ve diseases identificati	 Lectures Discussions 	LCD, Computer/la ptop and Whiteboard	2x50 minutes		Complex thinking		

	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga	SLP Revision - Date January 1st, 2019		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
			Prof. Bambang W., dr., Ph.D., Sp. GK	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)	

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 / Percent age (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
		on in Indonesia 3. Relation between nutrition and degenerati ve disease 4. Preventive measures to degenerati ve diseases	FINAL	TERM TEST					

C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

Required Readings:

- Derrick B Jellife and E. F Patrice Jellife. 1989. Community Nutritional Assessment. New York. Oford University Press
 Gibney, MJ., Margetts, BM., Kearney JM., Arab,L. 2004. Public Health Nutrition. Blackwell Publishing

	SEMESTER LEARNING PLAN SLP		Prepared by	Examined by	Approved by	Document Registration Number 01/S1Kesmas/RPS/2019	
Universitas Airlangga			(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I		
	Revision - Date	January 1st, 2019	Prof. Bambang W., dr., Ph.D., Sp. GK	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)	(sian)		

- Evaluation of this document is needed every year
- 3. Gibson, R.S. 2005. Principles of Nutritional Assessment.
- 4. SEAMEO-TROPMED RCCN. 2007. Handbook of Nutrtitional Assessment.
- 5. Edelstein, S. 2006. Nutrition in Public Health. A Handbook for Developing Programs and Services.
- 6. World Bank. 2006. Repositioning Nutrition as Central to Development, A Strategy for Large-Scale Action. The World Bank. Washington.
- 7. Direktorat Jenderal Binkesmas. 2010. Rencana Aksi Pembinaan Gizi Masyarakat 2010-2014. Kemenkes RI
- 8. Friedman Gary D. 1986. Prinsip-prinsip Epidemiologi. NewYork: American Public Health Association.
- 9. Depkes RI. 2008. Riskesdas 2007
- 10. Nutrition Throughout The Life Cycle; Bonnie S Worthington Roberts And Sue Rodwell Williams; Fourth Edition; Mc Gra.w Hill, 2000
- 11. Prinsip Dasar Ilmu Gizi; Sunita Almatsier; Penerbit PT Gramedia Pustaka Utama, Jakarta 2009
- 12. Bappenas, Rencana Aksi Naional Pangan dan Gizi (RANPG) 2006-2010
- 13. Brody, T. Nutritional Biochemistry. 1994
- 14. Fuchhs, et al. Proteomics in nutritional research: pronciples, technologies and application (Br J Nutr 94:302-314 (2005).
- 15. Canas-Garcia, V. Et al. Review Advance in nutrigenomics research: novel and future analytical approaches to investigate the biological activity of natural compounds amd food function. J Phar Biomedic Anal. 51:290-304 (2010)
- 16. Derrick B Jelliffe. 1966. The Assessment of the Nutritional Status of the Community. Geneva. Worl Health Organization
- 17. WHO, 1997 Trace Element in Human Nutrition and Health