



**Universitas Negeri Surabaya**  
**Faculty of Sports and Health Sciences,**  
**Undergraduate Nutrition Study Program**

Document Code

## SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Pathophysiology of Infectious Diseases	1321102058	Compulsory Study Program Subjects	T=0	P=0	ECTS=0	3	February 1, 2021
AUTHORIZATION	SP Developer		Course Cluster Coordinator			Study Program Coordinator	
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Learning model	Case Studies
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Program Learning Outcomes (PLO)	PLO study program that is charged to the course																																															
	Program Objectives (PO)																																															
	PLO-PO Matrix																																															
		P.O																																														
PO Matrix at the end of each learning stage (Sub-PO)	P.O																																															
		<table border="1" style="width: 100%; text-align: center;"> <tr> <td rowspan="2">P.O</td> <td colspan="16">Week</td> </tr> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td> </tr> </table>															P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Short Course Description	This course discusses the principles of etiology and pathogenesis of infectious diseases, immunological reactions, inflammatory processes, infectious diseases caused by viruses, infectious diseases caused by bacteria, parasites and fungi and the clinical and laboratory features of these diseases, as well as their relationship to changes in nutrient metabolism. The material in this lecture also includes an introduction to symptoms, general signs, etiology, epidemiology, medical diagnosis, medical data and therapy used in order to consider giving diet to sufferers. Learning activities in this course are carried out through learning experiences, lectures and discussions.
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References	Main :	
		<ol style="list-style-type: none"> <li>Mahan, K.L and S escot-Stump. Krause 19s. 2012. Food, Nutrition and Diet Therapy. Philadelphia : WB Saunders Co.Ed 11.</li> <li>Nelms, M., et al. 2008. Nutritional Therapy and Pathophysiology. Belmont, CA.</li> <li>Sylvia, Wilson LM. Pathophysiology. Konsep Klinis proses Penyakit. EGC.2010</li> <li>Tambayong, Jan. 2000. Patofisiologi Untuk Keperawatan. EGC.</li> <li>McCance, K. L., &amp; Huether, S. E. (2010). Pathophysiology: The biologic basis for disease in adults and children (6th ed.). Mosby Elsevier.</li> </ol>
	Supporters:	

Supporting lecturer	Dr. dr. Endang Sri Wahjuni, M.Kes. dr. Nieke Andina Wijaya, M.Biomed., Sp.KK dr. Hanifiya Samha Wardhani, M.Kes.
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Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [ Estimated time]		Learning materials [ References ]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline ( offline )	Online ( online )		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

1	Understand the RPS and carry out lecture contracts. Understand the meaning of pathophysiology, its scope and terms related to the pathology of infectious diseases	1. Carry out a study contract 2. Able to explain the meaning of pathophysiology of infectious diseases 3. Able to explain the scope of the pathophysiology of infectious diseases 4. Able to explain basic terms in pathology		Lecture Questions and Answers Discussion 2 X 50			0%
2	Mastering the basic concepts of the body's immune reaction to disturbances/stress	- Able to explain the types of immune cells - Able to explain the concept of antigen antibody - Able to explain the basic concept of immune reactions		lecture, question and answer and discussion 2 X 50			0%
3	Understand inflammatory reactions and fever	- Able to explain the meaning of inflammation and fever - Able to explain the mechanism of inflammation and fever		Lectures, discussions, questions and answers 2 X 50			0%
4	Mastering the types of causes of infectious diseases	Able to describe the types of causes of infectious diseases		Lectures, discussions, questions and answers 2 X 50			0%
5	Mastering the causes and pathogenesis of infectious diseases caused by viruses	Able to explain the causes and pathogenesis of viral infectious diseases (Varicella and Measles)		Lectures, discussions, questions and answers 2 X 50			0%
6	Mastering the causes and pathogenesis of infectious diseases caused by worms	Be able to explain the causes and pathogenesis of infectious diseases caused by worms		Lectures, discussions, questions and answers 2 X 50			0%
7	Mastering the causes and pathogenesis of infectious diseases by protozoa	Able to explain the causes and pathogenesis of infectious diseases caused by protozoa (Toxoplasmosis)		Lectures, discussions, questions and answers 2 X 50			0%
8	MIDTERM EXAM			Multiple choice and essay 2 X 50			0%
9	Mastering the causes and pathogenesis of bacterial infectious diseases (gastroenteritis) MBKM-UNIMED	Explain the causes and pathogenesis of bacterial infectious diseases (gastroenteritis)		Lecture Questions and Answers Discussion 2 X 50			0%
10	Mastering the causes and pathogenesis of bacterial infectious diseases (Pneumonia) MBKM-UNIMED	Explain the causes and pathogenesis of infectious diseases caused by bacteria (Pneumonia)		Lecture Questions and Answers Discussion 2 X 50			0%
11	Mastering the causes and pathogenesis of viral infectious diseases (dengue hemorrhagic fever/DHF) MBKM-UNNES	Describes the causes and pathogenesis of infectious diseases caused by viruses (dengue hemorrhagic fever/DHF)		Lecture Questions and Answers Discussion 2 X 50			0%

12	Mastering the causes and pathogenesis of infectious diseases by protozoa (Malaria) MBKM-UNNES	Describe the causes and pathogenesis of infectious diseases caused by protozoa (Malaria)		Lecture Questions and Answers Discussion 2 X 50			0%
13	Mastering the causes and pathogenesis of viral infectious diseases (HIV/AIDS) MBKM-UNESA	Explain the causes and pathogenesis of viral infectious diseases (HIV/AIDS)		Lecture Questions and Answers Discussion 2 X 50			0%
14	Mastering the causes and pathogenesis of bacterial infectious diseases (Tuberculosis/TB) MBKM-UNESA	Describe the causes and pathogenesis of bacterial infectious diseases (Tuberculosis/TB)		Lecture Questions and Answers Discussion 2 X 50			0%
15	Mastering the causes and pathogenesis of infectious diseases caused by fungi	Describe the causes and pathogenesis of infectious diseases caused by fungi		Lecture Questions and Answers Discussion 2 X 50			0%
16	FINAL EXAMS			2 X 50			0%

#### Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
		0%

#### Notes

- Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
- The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
- Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
- Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
- Indicators for assessing** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities or performance of student learning outcomes accompanied by evidence.
- Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
- Forms of assessment:** test and non-test.
- Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
- Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
- Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
- The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
- TM=Face to face, PT=Structured assignments, BM=Independent study.