
 <b>Universitas Airlangga</b>	<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>		<b>Person in Charge</b>	<b>Head of Bachelor Program / Head of Department</b>	<b>Vice Dean I</b>	01/S1Kesmas/RPS/2019
			Revision - Date	January 1 <sup>st</sup> , 2019	Sho'im Hidayat., dr., M.S	
<b>Faculty of Public Health</b>	Valid on Semester / Academic Year	<b>Odd Semester 2019/2020</b>	(sign)	(sign)	(sign)	

- Evaluation of this document is needed every year

## A. DETAILS OF COURSE


<b>1. Course Name</b>	Biomedics I
<b>2. Course Code</b>	BIF113
<b>3. Credits (SKS)</b>	3 (three) SKS
<b>4. Semester</b>	I (first)
<b>5. Study Program</b>	Bachelor of Public Health
<b>6. Student Learning Achievement</b>	<ol style="list-style-type: none"> <li>1. Having analytical/assessment skills</li> <li>2. Able to carry out policy development/planning skills program</li> <li>3. Having communication skills</li> <li>4. Having cultural competency skills</li> <li>5. Able to carry out community empowerment</li> <li>6. Mastering public health science skills</li> <li>7. Having Financial Planning and Management Skills</li> <li>8. Having leadership and system thinking skills</li> <li>9. Able to apply public health principles in health management in the tropics</li> </ol>
<b>7. Course Learning Achievement</b>	After actively participating in the teaching and learning process, students are expected to be able to explain the human body system and biology cell.
<b>8. Course Description</b>	This lecture method has lectures, discussions, presentations, discussions. The material in this lecture is the musculoskeletal system, the skin system and its accessories, the cardiovascular system, the respiratory system, the blood and lymph system, the digestive system, the urinary system, the hearing and vision system, the reproductive system, the endocrine system, and the immune system.
<b>9. Course Prerequisites (if any)</b>	None
<b>10. Instructor</b>	Sho'im Hidayat., dr., M.S
<b>11. Teaching Assistants</b>	Farapti, dr., M.Kes. Atik Choirul Hidajah, dr., M.Kes. Priyono Satyabhakti, dr., M.S., MPH. Dr. Muhammad Atoillah Isfandiari, dr., M.Kes.

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## B. TEACHING PROGRAM

Weeks	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 Indicators of Evaluation (hard and soft skills)	Grade (%)	Reference Number
1	2	3	4	5	6	7	8	9	10
1	Students know about college contracts and introductions about the human body system and cell biology	College contract; Introduction: Understanding the system of the human body, cell biology.	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
2	Students are able to explain about the musculoskeletal system	Musculoskeletal system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
3	Students are able to explain about the musculoskeletal system	Musculoskeletal system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion.		

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<b>Weeks</b>	<b>Skills expected at the end of each learning phase (Sub-Course Achievement) (C, A, P)</b>	<b>Study Materials</b>	<b>Teaching Methods</b>	<b>Additional Materials for Learning</b>	<b>Meeting Time</b>	<b>Course Objectives</b>	<b>Criteria and Indicators of Evaluation (hard and soft skills)</b>	<b>Grade (%)</b>	<b>Reference Number</b>
<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>
							Be able to be involved and initiate the discussion.		
4	Students are able to explain the skin system and its accessories	Skin system and accessories	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
5	Students are able to explain the cardiovascular system	Cardio-vascular system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
6	Students are able to explain the respiratory system	Respiratory system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and		

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<b>Weeks</b>	<b>Skills expected at the end of each learning phase (Sub-Course Achievement) (C, A, P)</b>	<b>Study Materials</b>	<b>Teaching Methods</b>	<b>Additional Materials for Learning</b>	<b>Meeting Time</b>	<b>Course Objectives</b>	<b>Criteria and Indicators of Evaluation (hard and soft skills)</b>	<b>Grade (%)</b>	<b>Reference Number</b>
<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>
							appreciate the opinion. Be able to be involved and initiate the discussion.		
7	Students are able to explain the blood and lymph system	Blood and lymph system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
<b>MID-SEMESTER EXAMINATION</b>									
8	Students are able to explain the digestive system	Digestive system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		

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<b>Weeks</b>	<b>Skills expected at the end of each learning phase (Sub-Course Achievement) (C, A, P)</b>	<b>Study Materials</b>	<b>Teaching Methods</b>	<b>Additional Materials for Learning</b>	<b>Meeting Time</b>	<b>Course Objectives</b>	<b>Criteria and Indicators of Evaluation (hard and soft skills)</b>	<b>Grade (%)</b>	<b>Reference Number</b>
<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>
9	Students are able to explain the urinary system	Urinary system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
10	Students are able to explain the hearing and vision system	Hearing and vision system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
11	Students are able to explain the reproductive system	Reproduction system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and		

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1	2	3	4	5	6	7	8	9	10
							initiate the discussion.		
12	Students are able to explain the endocrine system	Endocrine system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
13.	Students are able to explain the immune system	Immune system	1. Lectures 2. Discussions	LCD and Whiteboard	3x50 minutes		Be able to listen, ask, critically think, argue and appreciate the opinion. Be able to be involved and initiate the discussion.		
FINAL-SEMESTER EXAMINATION									

## C. REQUIRED READINGS