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**CIHAN UNIVERSITY-SULAIMANIYA**

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# **Course Outline**

**2024-2025**

**Address:**

**Chwarchra, Opposite Family Mall**

**Sulaymaniyah City**

**Kurdistan Region-Iraq**

**Tel: 07714695656,**

**email: [presidency@sulicihan.edu.krd](mailto:presidency@sulicihan.edu.krd)**

# MODULE DESCRIPTION FORM

Module Information			
Module Title	Anatomy and Physiology		
Module Type	Basic	<input type="checkbox"/> Theory <input type="checkbox"/> Lecture <input type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar <input type="checkbox"/> Report <input type="checkbox"/> Extra activity	
Module Code			
Language	English		
ECTS Credits	6		
Module Level	1		
Administering Department	Medical Microbiology	College	Health Sciences
Lecturer	Dr. Bahramand Babatahir Marouf		
Academic Title	Asst. Lect.	Qualification	MSc
Module Tutor	Dr. Bahramand babatahir Marouf	e-mail	bahramand.marouf@sulicihan.edu.krd
Peer Reviewer Name		e-mail	
Scientific Committee Approval Date		Version Number	
Cycle of Study	Bachelor	Form of Education	Full time

Relation with other Modules			
Prerequisite module	Anatomy and Physiology	Semester	1 <sup>st</sup>
Co-requisites module	None	Semester	

Cihan University-Sulaimaniya?  
College of Health Sciences



Department: **Medical Microbiology**

Discipline: **Anatomy and Physiology**

Stage: **2<sup>nd</sup>**

<b>Total Contact Hours:</b>	<b>57</b>
<b>Total Self Study Hours:</b>	<b>105</b>
<b>Total No. Hours:</b>	<b>162</b>
<b>ECTS:</b>	<b>6</b>

No. of Weeks	Contact Hours					Self-Study					
	Theoretical	Practical	Lab	Project	Visit	Quiz	Reading	Assignment	Report	Midterm Exam.	Final Exam.
1 <sup>st</sup> Week (Registration)		1	1								
2 <sup>nd</sup> Week	2	1	1				4			10	16
3 <sup>rd</sup> Week	2	1	1				4				
4 <sup>th</sup> Week	2	1	1			2	4	2	3		
5 <sup>th</sup> Week	2	1	1	1			4				
6 <sup>th</sup> Week	2	1	1	1			4		3		
7 <sup>th</sup> Week		1	1				4				
8 <sup>th</sup> Week	2	1	1								
9 <sup>th</sup> Week	2	1	1				4				
10 <sup>th</sup> Week	2	1	1				4	2			
11 <sup>th</sup> Week	2	1	1	1			4		3		
12 <sup>th</sup> Week	2	1	1	1		2	4	2	3		
13 <sup>th</sup> Week	2	1	1	1			4		3		
14 <sup>th</sup> Week	2	1	1				4				
15 <sup>th</sup> Week (Pr. Final Ex											
16 <sup>th</sup> Week (Final Exam.)											
<b>TOTAL</b>	<b>24</b>	<b>14</b>	<b>14</b>	<b>5</b>		<b>4</b>	<b>48</b>	<b>6</b>	<b>15</b>	<b>16</b>	<b>16</b>

### Delivery Plan (Weekly Syllabus)

	Material Covered
<b>Week 1</b>	Introduction to Human Anatomy and Physiology
<b>Week 2</b>	Cell Structure, Cell Membrane, and Transport Mechanisms
<b>Week 3</b>	Skeletal System, Joints and Muscular System
<b>Week 4</b>	Integumentary and Nervous System
<b>Week 5</b>	Digestive system
<b>Week 6</b>	Respiratory system
<b>Week 7</b>	<b>Mid-Term Exam</b>
<b>Week 8</b>	Urinary system
<b>Week 9</b>	Circulatory and Cardiovascular Systems
<b>Week 10</b>	Endocrine system
<b>Week 11</b>	Special Senses
<b>Week 12</b>	Lymphatic System and Immunity
<b>Week 13</b>	Male reproductive system
<b>Week 14</b>	Female reproductive system
<b>Week 15</b>	<b>Preparatory Week</b>
<b>Week 16</b>	<b>Final Exam</b>

### Delivery Plan (Weekly Lab. Syllabus)

	Material Covered
<b>Week 1</b>	Introduction to Anatomy and physiology - Anatomical terms
<b>Week 2</b>	BMI
<b>Week 3</b>	Skeletal and Muscular anatomy
<b>Week 4</b>	Nervous system, Reflexes and Senses
<b>Week 5</b>	Digestive system anatomy
<b>Week 6</b>	Lung capacity
<b>Week 7</b>	
<b>Week 8</b>	Cardiovascular system anatomy and Blood Pressure
<b>Week 9</b>	ECG

<b>Week 10</b>	Effect of exercise on body physiology
<b>Week 11</b>	
<b>Week 12</b>	
<b>Week 13</b>	
<b>Week 14</b>	
<b>Week 15</b>	
<b>Week 16</b>	

<b>Module Aims, Learning Outcomes and Indicative Contents</b>	
<b>Module Objectives</b>	<p>Course objective</p> <p>Upon completion of this Course, the students should be able to:</p> <ul style="list-style-type: none"> <li>■ Understand and describe the normal structure and function of molecules, cells, tissues, organs, and systems of the human body, with emphasis on their integration and interrelationships.</li> <li>■ Comprehend how the body responds to various stimuli and maintains homeostasis, along with mechanisms of anatomical and physiological adaptations.</li> <li>■ Define and utilize proper anatomical and physiological terminology accurately.</li> <li>■ Predict the physiological responses of the body to changes in the internal and external environment, and relate these to the anatomical structures involved.</li> <li>■ Recognize how body cells, organs, and systems work together to maintain homeostasis, incorporating anatomical pathways and physiological systems.</li> <li>■ Comprehend how each body system works individually and in coordination with others to maintain overall health and stability.</li> </ul>
<b>Module Learning Outcomes</b>	

## Learning and Teaching Strategies

<b>Strategies</b>	Small Group Discussions, Interactive Multimedia and Animations, Inquiry-Based Learning , Quizzes and Formative Assessments.
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## Module Evaluation

Assessment Types		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
<b>Formative assessment</b>	<b>Quizzes</b>		5%		
	<b>Assignments</b>		3%		
	<b>Projects / Lab.</b>		5%		
	<b>Report</b>		7%		
	<b>Presentation</b>		5%		
	<b>Other activities</b>		5%		
<b>Summative assessment</b>	<b>Midterm Exam</b>	2hr	20%	7 <sup>th</sup>	
	<b>Final Pr. Exam</b>	2hr	20%	15 <sup>th</sup>	
	<b>Final Exam</b>	3hr	30%	16 <sup>th</sup>	
<b>Total assessment</b>			100% (100 Marks)		

## Learning and Teaching Resources

	Text	Available in the Library?
<b>Required Texts</b>		
<b>Recommended Texts</b>		
<b>Websites</b>		

## Grading Scheme

### مخطط الدرجات

Group	Grade	التقدير	Marks %	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 – 100	Outstanding Performance
	B - Very Good	جيد جدا	80 – 89	Above average with some errors
	C - Good	جيد	70 – 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 – 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 – 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

**Note:** Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

- Cycle of studies - choose one of the three options: Bachelor «1», Master «2», PhD. «3»
- (**Exam:** Oral Examination, Written Exam), and (**Continuous Evaluation**(CE), Portfolio).
- Discipline status (Content) - for the Bachelor level, choose one of the options: FD (Fundamental (**General**) Discipline), PF (Preparatory Disciplines in the Field), SD (Specialty Disciplines), CD (Complementary Disciplines), DU (Disciplines based on the University's options).
- Discipline status (compulsoriness) - choose one of the options
  - a. MD (Mandatory discipline)
  - b. OD (Optional Discipline)
  - c. ED (Elective (**Facultative**) Discipline).

### Approved by Head of the Branch / Department

Signature

Date

Name

### Approved by Curriculum Development Committee and Bologna Process Committee

Signature	
Date	
Name	

Research Method	
Stage:	First
Total Contact Hours:	60
Total Self Study Hours:	102
Total No. Hours:	162
ECTS:	6.00

No. of Weeks	Contact Hours					Self Study					
	Theoretical	Practical	Lab.	Project	Visit	Quiz	Reading	Assignment	Report	Midterm Exam.	Final Exam.
1 <sup>st</sup> Week (Registration)	-	-	-	-	-	-	-	-	-	-	-
2 <sup>nd</sup> Week	2			2			4			7	16
3 <sup>rd</sup> Week	2			2			4				
4 <sup>th</sup> Week	2	2		2		2	4	3			
5 <sup>th</sup> Week	2			2			4				
6 <sup>th</sup> Week	2			2			4				
7 <sup>th</sup> Week	2	2		2		2	4	3			
8 <sup>th</sup> Week	2			2			4				
9 <sup>th</sup> Week	2			2			4			7	
10 <sup>th</sup> Week	2	2		2		2	4	3			
11 <sup>th</sup> Week	2			2			4				
12 <sup>th</sup> Week	2			2			4				
13 <sup>th</sup> Week	2	2		2		2	4	3			
14 <sup>th</sup> Week	2			2			4				
15 <sup>th</sup> Week (Final Exam.)		-	-	-	-	-	-	-	-	-	
16 <sup>th</sup> Week (Final Exam.)		-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>26</b>	<b>8</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>8</b>	<b>52</b>	<b>12</b>	<b>0</b>	<b>14</b>	<b>16</b>