



Ministry of Higher Education and Scientific Research
Scientific Supervision and Evaluation Authority
Quality Assurance and Academic Accreditation Department
Accreditation Department

**Description of the
academic program and
curriculum for the
Department of Science**

2025-2026

for the Science Department Template Academic Program Description

University Name: University of Diyala

College/Institute: College of Basic Education

Department: Department of Science

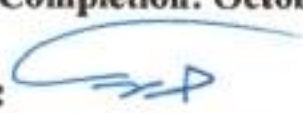
Academic or Professional Program Name: Bachelor of Education/Life Sciences

Certificate Name: Bachelor of Education/Life Sciences

Academic System: Semester-based

Date of Description Preparation: October 1, 2020

Date of File Completion: October 10, 2020

Signature: 

Name of Scientific Assistant:

Prof. Dr. Haider Abdulbaqi

Date: 10/10/2020

Signature: 

**Department Head: Dr. Nawwar
Thamer Mohammed**

Date: 10/10/2020

The file was reviewed by

Division Quality Assurance and University Performance

Name of the Director of the Quality Assurance

University Performance Division : Dr. Widian Habib Hamid and ance

Date: 10.10.2020

Signature 

Approval by the Dean

Assistant Professor Dr. Ayman Abdul Aoun Nazal

Number of units	Program Description -V					
	Credit Hours			Course name	Course code	Year / Level /
	merging watches	practical	theoretical			
2	3	2	1	computer	SCBB04CO116	First/First
2	2	---	2	Democracy and human rights	SCBB04HR115	
3	3	---	3	Developmental psychology	SCBB04GP114	
4	5	2	3	General Biology	SCBB04GB111	
4	5	2	3	General Chemistry	SCBB04GC112	
2	2	---	2	Logic (Mathematics)	SCBB04L113	
17	20	6	14			the total

Number of units	Program Description					
	Credit Hours			Course name	Course code	Year / Level /
	merging watches	practical	theoretical			
2	2	---	2	Arabic	SCBB04AL117	First/Second
2	2	---	2	English language	SCBB04EL124	
3	3	---	3	Principles of Education	SCBB04OBEP123	

2	2	---	2	Islamic Education	SCBB04IE125	
4	5	2	3	General Physics	SCBB04GP121	
3	4	2	2	human biology	SCBB04HB122	
2	2	---	2	Laboratory safety and security	SCBB04SSL126	
18	20	4	16			the total

Course Description

Course Name	
Developmental psychology	
code Course	
SCBB04BGP114	
Year /Semester	
First/First	
description was prepared Date this	
١٠-١٠-٢٠٢٥	
forms of attendance Available	
mandatory	
(Number of study hours (total) / Number of units (total	
45 hours ٢ loneliness	
if there is more than one,) Name of the course coordinator (please mention it	
Name : : M. Israa Naji Kadhim Emailbasicsci17@uodiyala.edu.iq	
objectives Course	
Cognitive objectives -A To enable students to gain knowledge and - terms in understanding of general psychology of its origin, concept, goals, branches and its .sciences relationship to other Enabling students to gain knowledge and - understanding of the contributions of Muslim .scholars in the field of psychological studies Enabling students to gain knowledge and - understanding of the schools of psychology .tations of eachand the intellectual orien To enable students to gain knowledge and - understanding of human behavior and the physiological and psychological foundations .that influence it Enabling students to acquire knowledge, - understanding, analysis, and interpretation of .motives behind human behavior the Enabling students to acquire knowledge, - understanding, analysis, and interpretation of .human emotion Enabling students to acquire knowledge and - understanding of learning in terms of its d theories, meaning, importance, conditions an with a focus on Pavlov's theory of classical	: Course objectives - Introducing students to general psychology in general terms of its its origin, concept, goals, branches and .relationship to other sciences - To equip students with the ability to recognize the contributions of Muslim scholars in the field of psychological .studies - Students' awareness of the most important Western schools that .focused on psychological studies - Introducing students to the concept of behavior and the physiological and psychological foundations that .influence human behavior - Students follow the processes that take place within a person (motives, emotions, sensation, perception, and .(attention - troducing students to learning as a In

conditioning and Kohler's theory of insight . learning Enabling students to acquire knowledge, - understanding, analysis, and interpretation of . sensation, perception, and attention s to acquire knowledge, Enabling student - understanding, and interpretation of . personality B- Course-specific : skills objectives Analyzing the concepts presented in the - . curriculum To acquire the skill of identifying the - theoretical and applied branches of . ypsycholog . Psychology schools are being evaluated Using learning theory applications in school - .	means of acquiring knowledge and . achieving cultural advancement - Students gain an understanding of personality by knowing its concept, characteristics, influencing factors, . and types - Students appreciate the role of hology in understanding human psyc behavior in order to control and guide . it
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Teaching and learning strategies

Giving or lecturing - Interrogation solving-and problem Discussion Students are required to visit the library and t . international information network Students are required to submit reports related to the . subject	strategy
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Course structure

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Class participatio n	Delivery - Interrogati on - Discussion	Introduction to General science psychology:	Enabling students to: Understanding - how general psychology came . into being Defining the - basic concepts of general . psychology Statement of the - objectives of general . psychology Distinguishing - the between theoretical and applied branches	3	the first

			of general psychology		
Class participation	Delivery - For discussion	The concept of - psychology as the study of behavior The concept of - psychology as the study of activity	Enabling students to: Understanding - the concept of psychology as the study of human behavior Understanding - psychology as the study of human activity	3	the second
Research writing or Short group reports About the topic	- Discussion Interrogation Problem - solving	Schools of Psychology	Enabling students to: the Identifying - most important schools of psychology	3	the third
Daily tests	Delivery - - Discussion Interrogation	Goals of psychology	Enabling students to: Understanding - and knowing the goals of psychology	3	Fourth
Research writing or Short group reports About the topic	- Discussion Interrogation Problem - solving	relationship The between general psychology and developmental psychology	Enabling students to: Understanding the knowing and relationship between general psychology and developmental psychology	3	Fifth
First month exam					Sixth
Class participation	Delivery - Interrogation - Discussion	The concept of growth, maturation, and development - Principles and laws of growthlaw	Enabling students to: Understanding - the concept of its and growth meanings Understanding - of the concept maturity Understanding the concept of evolution Understanding -	3	Seventh

			the principles and laws of growth		
Class participation	Delivery - Interrogation - Discussion	Mental and cognitive development (Piaget's (theory	Enabling students :to accurate understanding and comprehension of the concepts of Piaget's theory of cognitive . development	3	Eighth
Daily tests	Delivery - Interrogation - Discussion	Moral growth ((Kohlberg's theory	Enabling students :to Students' - understanding of the concepts of moral development theory and how to grow morally	3	Ninth
Class participation	Delivery - Interrogation Problem - solving	Social development ((Erikson's theory	Enabling students :to Understanding - Erikson's theory of social development and its practical application	3	tenth
Writing on reports he subjectt	Delivery - Interrogation - Discussion	Emotional and affective growth	Enabling students :to Distinguishing - between the concept of emotional growth and the concept of affective growth, and how to differentiate .between them	3	eleventh
Daily tests	Delivery - Interrogation - Discussion	Physical growth, some .childhood problems	Enabling students :to Understanding - the concept of physical growth and how to deal with each stage of .growth	3	The Twelve
Writing		Slow learning-	Enabling students	४	

on reports the subject	Delivery - Interrogati on Problem - solving	Digital some problems	addiction, adolescent	:to Understanding - the concept of slow growth and how to deal with it, while being aware of the risks of digital addiction by identifying the problems of adolescence	thirteenth h
Writing on reports the subject	Delivery - Interrogati on - Discussion	Identity investigation - and its crisis Negative tendencies and abnormal behaviors The dangers of drug - addiction		Enabling students :to Understanding - the concept of identity and how to achieve it Understanding - the meaning of negative tendencies and abnormal behaviors Understanding - the risks of addiction, especially drug addiction	fourteenth h

month exam Second

fifteenth

Course evaluation

is distributed according to the tasks assigned to the student, such as 100 The grade out of
.daily preparation, daily, oral, monthly, and written exams, reports, etc

Degree	Grade distribution
100	Monthly theory exam + exam + attendance daily reports +
100	Final exam grade
100	Final grade

Learning and teaching resources

Books that deal with the subject general psychology	Required textbooks (methodology, (applicable
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Books that deal with curricula and syllabi in education	
Mohammed Shamsi, Abdul Amir - (٢٠١١) General Psychology - -Zaghoul , Emad and Ali Al-Al - Introduction to (٢٠٠٤) Hindawi Psychology Abdul Khaliq, Ahmed Ahmed - Foundations of Psychology (١٩٩٧) books Other	(Main references (sources
Mohammed Shamsi, Abdul Amir - General Psychology - (٢٠١١) Journals of educational and - psychological research of Psychological Studies Journals	Recommended supporting books and (...references (scientific journals, reports
Utilize educational websites related to course topics	Electronic references, websites

Course description template

Course Name
Biology General
Course code
SCBB04GB111
Semester/Year
the first

Date this description was prepared					
٢٠٢٥/١٠/١					
Available forms of attendance					
mandatory					
(Number of study hours (total) / Number of units (total)					
4 : Practical, Number of Units ٢ Theory, ٢					
Name of the course coordinator (if there is more than one, please mention it					
:tends A The letter the name Razzaq-Dr. Dina Abdel dena.abdalrazag86@gmail.com					
:Amil - Al Fatima Mahmoud Ali millimeter basicsci62@uodiyala.edu.iq					
objectives Course					
Understanding the phenomena of learning and teaching, the factors influencing them, and interpreting the outcomes of the relationship between learning and events that occur within .teaching .And between the teacher and the learner Increasing the teacher's ability to see the educational changes * occurring remotely among students and to plan to meet their expectations in .bject to changeEducational events are su Understanding the science of classification and its historical *stages Recognizing the common characteristics of living organisms* Learning about theories of life*					Course objectives
Teaching and learning strategies					
lecture The - Discussion Interrogation Simulation Laboratory method				strategy	
Course structure					
Evaluation Method	Learning method	Required learning outcomes	Unit or topic name	Hours	Week

Continuous assessment participation)) Reports- Assignments- Interaction	- lecture discussion	The definition of biology	biology	t	
Continuous assessment participation)) Reports- Assignments- Interaction	Discussion and questions	The origin of the Earth, theories of the origin of life, religion, and the origin of life	Origin of L	t	
Continuous assessment participation)- reports- assignments- (interaction	Discussion and questions	Its definition and historical stages and its fields	Taxonomy	t	
Continuous assessment participation)- reports- assignments- (interaction	Lecture -Revised Discussion	method for official species living naming	Scientific noun	t	
Continuous assessment (participation) Reports- Duties - Interaction	Lecture Modified - discussion	-Superkingdom: Archaea Kingdom of Archaea -Superkingdom: Bacteria Kingdom of Prokaryotes -Superkingdom: Eukaryotes Kingdom - Kingdom of Fungi -Protists Kingdom -Kingdom of Plants of Animals	Division of living organisms	t	
Continuous assessment (participation) Reports - Duties - Interaction	discussion And the questions	Studying its characteristics and types	- Bacteria	t	
			First month exam	t	
Continuous assessment (participation) Reports- Duties - Interaction	discussion And the questions	Types descriptions and of each type	cell	t	
Continuous assessment	discussion And the	Organizing and multiplying it	genetic material	t	

(participation) Reports– Duties – Interaction	questions	Its cloning and genes Mendel's laws and mutations			
Continuous assessment (participation) Reports– Duties – Interaction	discussion And the questions	evolution, Definition of mechanisms of evolution, and evidence	Evolution	‡	
Continuous assessment (participation) Reports – Duties – Interaction	discussion And the questions	-Animal hormones definition, types, and hormones -effects ·its definition -Plant life types, and hormonal regulation	hormones	‡	
Continuous assessment (participation) Reports – Duties Interaction	discussion And the questions	Its definition, history, immune system components, and types of immunity	Immunolo	‡	
Continuous assessment (participation) Reports– Duties – Interaction	discussion And the questions	Its definition, historical overview, name, and hypotheses about its origin	viruses	‡	
Continuous assessment (participation) Duties –Reports Interaction –	discussion And the questions	It is a set of metabolic reactions (metabolism) ·that occur in living cells biochemical energy conversion	Cellular structure and respiration Cellular	‡	
Achievem ent test	monthly exam Second			‡	

Course evaluation

is distributed according to the tasks assigned to the 100 The grade out of student, such as daily preparation, daily, oral, monthly, and written exams, reports, etc

‡ °daily exam score = + Theory exam

1 °Practical exam grade =

‡ · Final theory exam grade =

‡ · Final practical exam grade =

100 · Final grade =

Learning and teaching resources

Biology, Dr. Hussein Abdel Moneim	Required methodology, (applicable
	(references (sources Ma
Everything related to general biology online	Recommended supporting books and references (scientific (...journals, reports
	Electronic reference websites

Course description template

: Course Name
(Logic (Mathematics
: code Course
SCBB04L113
: Year /Chapter
First/First
: description was prepared Date this
٢٠٢٥/١٠/١
: forms of attendance Available
mandatory
-: (Number of study hours (total) / Number of units (total
units ٢ hours / ٢٠
if there is more than one, please) Name of the course coordinator state): Assistant Professor Dr. Ferial Kadhim Dawood
:Email A'i -Al Dr. Ferial Kadhim Dawood :Name basicsci13@uodiyala.edu

: Ayyam -Dr. Zuhair Hussein Jawad Al basicsci6@uodiyala.edu.iq

: Ayyam -Dr. Nawwar Thamer Mohammed Al basicsci14@uodiyala.edu.iq

objectives Course

To enable the student to define the science of logic, what a statement is, and how two statements can be linked together using conjunctions What is the algebra of phrases and what are dialogues? The student can solve examples on topic mentioned each The student can define a set, distinguish between sets, and understand set algebra and the theorems specific to set algebra The student should be able to distinguish between sets and relationships, Cartesian product, and how to find congruence rows understand ordered pairs, Cartesian	Course objectives
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Teaching and learning strategies

- Lecture method - Interrogation method - Simulation method - Discussion method	strategy
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Course structure

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Homework/Reports	- Lecture method - Interrogation method - Simulation method - Discussion method	phrases	Definition of logic, expression, and tool Linking phrases	2	1
Homework / Reports	- method Lecture - Interrogation method - Simulation method - Discussion method	phrases	Solve questions about linking tools phrases	2	2
Homework / Reports	- Lecture method - Interrogation method - Simulation method	phrases	Logical equivalence and dialogues	2	3

	• Discussion method				
Homework / Reports	• Lecture method • Interrogation method • Simulation method • Discussion method	phrases	Solve questions about logic equivalence and dialogues	۲	۱
Homework / Reports	• Lecture method • Interrogation method • Simulation method • Discussion method	The group	Defining the group and identifying it Types of groups	۲	۰
Homework / Reports	• Lecture method • Interrogation method • Simulation method • Discussion method	The group	Group algebra	۲	۶
Achievement test	First month exam			۲	۷
Homework/ Reports	• Lecture method • Interrogation method • Simulation method • Discussion method	The group	algebra Theorems of set Union	۲	۸
Homework/ Reports	• Lecture method • Interrogation method • Simulation method	The group	Theorems of set algebra intersection	۲	۹

	• Discussion method				
Homework / Reports	• Lecture method • Interrogation method • Simulation method • Discussion method	The group	Theorems about the complement of the set And the group's leftovers	۲	۱۰
Homework/ Reports	• method Lecture • Interrogation method • Simulation method • Discussion method	Relations	Definition of ordered pairs and Cartesian product	۲	۱۱
Homework/ Reports	• Lecture method • Interrogation method • Simulation method • Discussion method	Relations	Properties of the Cartesian product	۲	۱۲
Homework/ Reports	• Lecture method • Interrogation method • Simulation method • Discussion method	Relations	Inverse Relationship and Relationship	۲	۱۳
Homework / Reports	• Lecture method • Interrogation method • Simulation method • Discussion method	Relations	Equivalence rows and finding equivalence rows	۲	۱۴

Achievement test	Second month exam	2	10
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Course evaluation

is distributed according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, and written exams, reports, etc

note	10	Degree of pursuit
The grade for effort is not limited to exams, but also includes daily tests, activities, participation, and absences	50	Grade for the final exam
	100	Final grade

Learning and teaching resources

	(methodology, if applicable) Required textbooks
	(Main references (sources
Introduction to the Foundations of -1 -Mathematics, by Dr. Basil Atta Al Hashemi and others	Recommended supporting books and (...references (scientific journals, reports
Mathematics. Introduction to Finite -2 Mustafa Ahmed and others	
websites useful to some	Electronic references, websites

Course description template

1. Course Name
General Chemistry
2. Course code
١٣٠٢
3. Semester/Year
Chapter One / ٢٠٢٦-٢٠٢٥
4. this description was prepared Date
2026/2/1
5. Available forms of attendance
My presence
6. (Number of study hours (total) / Number of units (total
Two hours of theory and two hours of practical work per week
7. more than one, please Name of the course coordinator (if there is
.(mention it
:email A'a -Al Dr. Muthanna Saeed Ali :Name

basicsci18@uodiyala.edu.iq

Note: The last line appears to be a) . A -Al M.M. Saleh Mahdi Saleh :Na
(.separate, unrelated statement and is not translat
salihmahdi@uodiyala.edu.iq

: Amiel -Al M.M. Hind Abdul Wahab

hind.abdullatif@uodiyala.edu.iq

: Head of Chemistry Department : Shaymaa Mahdi Mustafa, Em
Shaymaaab32@uodiyala.edu.iq

8. objectives Course

- | | |
|--|-------------------|
| <ul style="list-style-type: none"> • .To know general chemistry • To know how to prepare different types of chemical substances • To know the name and shape of different types of chemical instruments | Course objectives |
|--|-------------------|

9. Teaching and learning strategies

To present the material to the students, several teaching :methods were used, including Lecture method - Interrogation method - Simulation method Discussion method Laboratory method	strategy
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10.structure Course

Evaluation Method	Teaching method	Unit/Topic Name	Required learning outcomes	Hours	Week
Written and oral tests (Perform) (ance	- Laboratory The - lecture - Discussio n - Simulatio n	- Names and shapes of laboratory equipment	- The concept of matter	7	the first
Written	-	Finding the	- Material	7	the

and oral tests Perform) (ance	Laboratory - Simulation - Laboratory - Discussion	percentage of water in a fluid	properties		second
Written and oral tests Perform) (ance	- Laboratory - Simulation - Discussion The - lecture	- Finding the percentage of water in a fluid	- Types of materials	✓	the third
Written and oral tests Perform) (ance	- Laboratory - Simulation - Discussion The - lecture	- base -Acid titration	- The structure of -matter proton/neutron/electron + examples	✓	Fourth
Oral tests Editorial Perform) (ance	- Laboratory - Simulation - Discussion The -	base -Acid titration	- chemical bonding	✓	Fifth

	lecture				
Oral and) written performa (nce tests	- Laborato ry - Simulatio n - Discussio n The - lecture	- First month exam	- Types of -bonds covalent, ionic , hydrogen, metallic + examples	†	Sixth
Performa nce tests oral/writ) (ten	- Simulatio n - Discussio n The - lecture - Laborato ry	- Introduction to Automated Analysis	- Chemical -reactions examples	†	Seventh
Oral,) written, and performa (nce) tests	- Simulatio n - Discussio n The - lecture - Laborato ry	- Preparation of solid solution preparation	- Element -valence examples	†	Eighth
Oral,) written, and performa (nce) tests	Simulatio n discussion laborator y Lecture	- Preparation of solid solution preparation	- Oxidation -number examples	†	Ninth
Oral,) written,	Simulatio n	- Preparation of liquid	- Chemical -formula	†	tenth

and performance) tests	laboratory discussion Lecture	solutions	examples		
Perform) tests: oral and (written	laboratory discussion Simulation Lecture	- Preparation of liquid solutions	- Chemical –equation examples	2	eleven
Perform) tests: written (and oral	Simulation discussion laboratory Lecture	- Preparation of solid solutions of pharmaceutical preparations	- Acids, bases, and salts	2	twelve
Tests (oral) Performance (Editorial	Simulation discussion laboratory Lecture	- Preparation of solid solution solutions from	- Types of –solutions examples	2	thirteen
Tests Perform) (ance Editorial (oral)	Simulation laboratory discussion Lecture	- Preparation of sodium hydroxide	Second month exam	2	fourteen
Tests Perform) (ance oral (Editorial		Second month exam	Comprehensive exam	2	fifteen

10.

11.Course evaluation

the tasks assigned to the is distributed according to 100. The grade out of student, such as daily preparation, daily, oral, monthly, and written exams, reports, etc

12.Learning and teaching resources

Fundamentals of Modern General Chemistry	Required textbooks (methodology, (applicable
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Fundamentals of analytical chemistry	(sources) Main references
The Scientific Academy Journal issued by Diyala University	Recommended supporting books and references (scientific journals, ...reports
Wikipedia	Electronic references, websites

(template description Schedule)

Course Name
Islamic Education
Course code
ISLFI2
Year / Semester
First / Second the chapter
Date this description was prepared
1 m 2026 / 2 /
Available forms of attendance
Mandatory attendance
(total) Number of units / (total) Number of study hours
hours (30)
if there is more than one, please mention it) Name of the course coordinator
.(
: Mohammed Abdullah, Email Marwa .Drbasica87te@uodiyala.edu.iq

objectives Course	
: to The student should be able - the definition of the science of the fundamentals of Learn . religion, the names of this science and its reasons - pillars of faith according to the majority of the Learn Muslims, theology, the existence of God and His attributes, and the proofs of the existence of God . Almighty - the argument from contingency, the about Learn he argument from design and invention, the illusion of t senses, atheism, divine attributes, and the psychological . (existence) attribute - The roll of (.foot, stay, etc) the negative qualities Learn of attributes : (actualization, oneness-accidents, self ight, power, will, knowledge, life, hearing, s) meanings . (speech - the impact of the doctrine of monotheism on about Learn :life, what is impossible with regard to God Almighty . what is permissible with regard to God Almighty and	Course objectives
Teaching and learning strategies	
Teaching and learning methods 1- . The method of presentation accompanied by questioning 2- . and explanation of the course material Explanation 3- . Lecture method 4- . learning method-Self	strategy
Assessment methods -1 questions for the study Daily tests with multiple and varied . materials -2. on the course material Submitting reports -3 A written test to measure students' ability to understand the . material 5- Assigning specific grades for daily participation and . activities extracurricular	

Course structure					
First semester					
Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Participating in the preparation	Interrogation	Introduction to - science Fundamentals of Religion The names of this - science and their origins	- the Learn definition of The science fundamentals of religion The names of this science and their origins	2	the first
Daily written exam	Interrogation	- The pillars of faith according to the majority of Muslims	- Learn the pillars of faith according to the majority of Muslims	2	the second
Participating in the preparation	Interrogation	- Theology	- Learn theology	2	the third
Participating in the preparation	Interrogation	- God's existence and attributes - Evidence for the existence of	- Learn about the existence of God and His attributes,	2	Fourth

tion		. God Almighty	and the evidence for the existence of God . Almighty		
Participating in the preparation	Interrogation	- Evidence of . occurrence - A guide to care and innovation .	Learn the Evidence of Occurrence, the Evidence of Care . and Invention	2	Fifth
			- First month written) exam (test	2	Sixth
Participating in the preparation	Interrogation	- deceiving the senses - . Atheism	- Learn to deceive your «senses - . To atheism	2	Seventh
		- Divine . attributes	- Learn the divine . attributes	2	Eighth
Daily written exam	Interrogation	- Psychological) attribute (existence	- Learn the psychological) attribute .(existence	2	Ninth
Participating in the preparation	Interrogation	- Negative) qualities ancientity, permanence, opposing -accidents, self reliance, .(singularity	- Learning negative) qualities foot, survival, opposing -accidents, self reliance, .(solitude	2	tenth

Participating in the preparation	Interrogation	- Attributes of) meanings power, will, knowledge, life, hearing, sight, .(speech	Learn the attributes of) meanings power, will, knowledge, life, hearing, sight, .(speech	2	eleventh
Participating in the preparation	Interrogation	- The impact of the doctrine of monotheism on . life	- Learn about the impact of the doctrine of monotheism . on life	2	twelfth
Participating in the preparation	Interrogation	- What is impossible for him	- Learn what is impossible for him	2	thirteenth
Participating in the preparation	Interrogation	- What is permissible with regard to God Almighty	- Learn what is permissible in relation to God Almighty	2	fourteenth
			- Second month written) exam (test		fifteenth

Course evaluation

: distributed as follows : Semester effort grade : First

1- .exams (written) marks for monthly (25)

2- . marks for daily exams (5)

3- and classroom and . Reports : for practical applications marks (10)
 . extracurricular participation

. (60) : Grade for the final semester exam : Second

Learning and teaching resources

Nothing

methodology, if) Required textbooks

	(applicable
The Fundamentals of the " The book Rushdi .by Dr "Islamic Religion Qahtan Abdul .Dr Alian and . Rahman	(sources) Main references
. The Holy Quran - Books of interpretation and the - . noble Prophetic Hadith Journal of the College of Islamic - . University of Baghdad / Sciences	Recommended supporting books and (scientific journals, reports) references (.etc
www.nourallah.com/directoryl,hru www.al-islam.com/ www.montalq.com	. Electronic references, websites

description template Course

Course Name
Laboratory safety and security
code Course
Year /Semester
٢٠٢٦-٢٠٢٥ Second semester

description was prepared Date this

٢٠٢٦/٤/٣

forms of attendance Available

mandatory

(units (total Number of study hours (total) / Number of hours ٣٠

if there is more than one, please) Name of the course coordinator
.(mention it

Rana Hussein Nasser .Ms : Name ranaalqaysi@uodiyala.edu.iq

objectives Course

• Enabling students to learn about

- General safety precautions in chemical laboratories
- Precautions to be followed for safety from commonly used chemicals
- Laboratory safety signs
- Safety precautions when storing and preserving chemicals
- chemical laboratories Risks and injuries in c
- Safety precautions for experiments that require heating
- first aid
- Biological hazards
- Methods of controlling biological risks
- hazardous waste
- Evacuation plan procedures

Course objectives

Teaching and learning strategies

Cooperative Learning – Discussion – Brainstorming – Questioning – Lecture

Course structure

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Participating in the preparation	Lecture	General safety precautions in Chemical laboratories	- Laboratory safety and security are known - Lists the basic specifications	١	Week the first

			For chemical laboratories - It explains what the basic equipment is For the safety that must be provided in the laboratory		
Participating in the preparation	Lecture	Precautions to be followed for safety from commonly used chemicals	- precautions that must be followed It explains the For safety from commonly used chemicals - Lists the paragraphs of laboratory safety papers - Lists safety guidelines and instructions The public inside the laboratory	†	Week the second
Participating in Preparation Interaction brainstorming	discussion brainstorming	Laboratory safety signs	Draws laboratory safety signs - With its multiple divisions (blue, red and green)	†	Week the third
Written exam daily	Interrogation	Safety precautions when preserving storing and chemicals	Explains how to store flammable - chemicals For ignition - Explains the storage of toxic materials It explains how to store explosive chemicals It explains how to store oxidizing agents	†	Week Fourth
Participating in Preparation Reports	-Micro teaching	Safety precautions when storing and preserving chemicals	- It shows how to store edible materials - Knowing incompatible materials It identifies some of the most important chemical compounds .(acids, bases, salts) •Halogens, alcohols , oxygen (Silver, esters	†	Week Fifth

Participating in Preparation	discussion	- Risks and injuries in chemical laboratories	- It shows the types of risks in Chemical laboratories - It explains the risk factors in Chemical laboratories - It explains the various harmful effects of chemicals	†	Week Sixth
	First month exam			†	Week Seventh
Participating in Preparation	discussion	precautions Special safe Experiments that require heating	- It explains general safety guidelines for specific situations - Experiments that require heating - He lists the important things that must be taken into consideration When heating - It distinguishes between heating flammable -flammable and non liquids - It lists methods for heating organic liquids	†	Week Eighth
Participating in Preparation	collaborative learning	first aid	- It explains first aid methods for fire cases (Skin, Eye) - It explains first aid recommendation in case of poisoning - List the contents of a first aid kit	†	Week Ninth
Participating in Preparation Report preparation	Lecture and discussion	Biological hazards	- It shows what biological risks are - He explains infectious diseases - It lists common diseases caused by biological hazards	†	Week tenth
Participating in Preparation	Interrogation and discussion	Biological hazards	- Lists common diseases caused by biological diseases - It explains methods for controlling biological diseases	†	Week tenth
Daily written	discussion	Methods of control Biological hazards	- Lists the requirements and equipment of biological laboratories	†	Week second

exam			- It explains how to train and qualify employees in laboratories		ten
Participating in Preparation	discussion . solution Problem	hazardous waste	- is defined Hazardous biological waste as - It explains the treatment and drainage methods - It explains the decontamination process in laboratories Biological	↑	Week the third ten
Participating in Preparation	Lecture discussion	Evacuation plan procedure	- He understands (evacuation plan evacuation – evacuation order – (execution - Lists tasks during an emergency - He understands the instructions and duties of the elements of the .evacuation plan Dean of the College, Safety) Coordinator, Heads of Departments Administrators, maintenance (team, safety supervisors	↑	Week Fourth ten
	Second month exam			↑	Week Fifth ten

2. Course evaluation

Final grade	the audience	activity	activity	daily	daily	monthly rate	Third month	Second month	First month	Student's name	T
100	↑	↑	↑	↑	↑	↑		↑	↑	/	1

3. Learning and teaching resources

Adam, Korkis and Yousef, Zora: Laboratory Hazards and Safety and Scientific Ministry of Higher Education Research, Iraq	(Required textbooks (methodology, if applicable
- Hassan, -Mu'taz Ibrahim and Al-Al Muhammad: Safety in Laboratories chemical plants	(Main references (sources

- Shaalan, Saleh, and others: A guide to safety in laboratories	
Some research papers, theses, and dissertations are recommended And the reports that The subject matter pertains to	Recommended supporting books and (...scientific journals, reports) references
-University of Babylon website through its e learning lectures service http://repository.uobabylon.edu.iq/elearning/elearning2012.aspx The website of the College of Basic Education, University of Diyala http://www.basicedu.uodiyala.edu.iq HYPER LINK " http://www.basicedu.uodiyala.edu.iq/ " Iraqi Academic Journals Website http://www.iasj.net/iasj	Electronic references, websites

Course description template

General Physics : Course Name

: code Course SCBB05GP122

٢٠٢٦-٢٠٢٥ Second : Year /Semester

٢٠٢٥/١٠/١ : description was prepared Date this

person-formats : In Available attendance

١٠ : Total study hours / Total unit hours

if there is more than one, please state):) Name of the course coordinator
Assistant Professor Dr. Ferial Kadhim Dawood

:Email A'i -Dawood Al Dr. Ferial Kadhim :Name basicsci13@uodiyala.edu.iq

: Ami -Assistant Professor Dr. Zuhair Hussein Jawad Al
basicsci6@uodiyala.edu.iq

objectives Course

- Introduction to physics and fundamental and derived quantities
- Distinguishing between scalar and vector quantities; understanding the arithmetic operations of vector addition and subtraction, and cross and scalar multiplication
- should be able to analyze vectors and solve examples The student
- Understanding the dynamics of motion in a straight line, Newton's laws of motion, friction, and the coefficient of friction
- and studying motion, gravity, waves, and sound Understanding
- the – the factors affecting the speed of sound ld knowThe student sho
properties of sound

objectives Cours

Teaching and learning strategies

- Lecture method
- Interrogation method
- Simulation method
- Discussion method

strategy

Course structure

Evaluation Method	Learning method	or topic name Unit	Required learning outcomes	Ho urs	Week
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Written and oral tests performance	• Lecture • laboratory • discussion • Simulation	Base -Measurement - and Derived Units International System of Units	The student will learn about physics and units of measurement The International System of Units	6	1
Written and oral tests performance	• Lecture • laboratory • discussion • Simulation	Numerical and vector quantities	The student should know about scalar and vector quantities	1	2
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	their – Vectors concept And its graphical representation	To understand vectors and the mathematical operations for vectors	1	3
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Adding and subtracting vectors Vector analysis, vector analysis, numerical multiplication, cross product	The student should be able to find subtraction, Addition multiplication Point and cross product	1	4
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Levers and their types	the I will explain concept of a lever And its types	1	5
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Motion of objects in Earth's the gravitational field	The student should understand in motion Dynamics of the Earth's gravitational field	1	6

	tion				
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Law of universal gravitation and mass	The student can solve examples of the law of universal gravitation and mass	✓	✓
			First month exam	✓	✓
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	free fall Projectiles from an inclined surface	The student should understand free fall The student should solve examples of free fall	✓	✓
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Combining simple harmonic waves with transverse wave motion	To distinguish between types of wave motion (standing, transverse,) (and longitudinal wave)	✓	✓
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	The concept of – sound Conditions for sound transmission in solids, liquids, and gases	To explain the – concept of sound the conditions for sound transmission in solids, liquids, and gases	✓	✓
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Interference of sound waves and beats – resonance standing waves –	To explain interference – beats – and resonance standing waves	✓	✓
Written and oral	• Lecture • laboratory	Sound propagation	To explain the phenomena of sound	✓	✓

performance tests	• discussion • Simulation	and refraction	propagation and refraction		
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Factors affecting the speed of Sound – sound properties	The student should know the factors affecting the speed of the properties – sound of sound	✓	✓
			Second month exam	✓	✓
Course evaluation					
is distributed according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, and written exams, reports, etc					
Learning and teaching resources					
• Physics for the first year of geology • Physics for Earth Science students • Young, H. D., & Freedman, R. A. (2020). <i>University physics with modern physics</i> (15th ed.). Pearson • Klauber, R. D. (2020). <i>Classical physics: A two-semester coursebook</i>. Springer Nature • Ling, S. J., Sanny, J., & Moebs, W. (2016). <i>University physics volume 1</i>. OpenStax, Rice University.			Required textbooks (methodology, if applicable)		
Library The Internet			(Main references (sources		
Books General Physics Scientific articles Scientific reports			Recommended supporting books and (...references (scientific journals, reports		
Arab Physics Forum Physics Education Website			Electronic references, websites		

Course description template

: Course Name
Arabic
: code Course
SCBB04AL117
: Year /Chapter
Second/First
: description was prepared Date this
٢٠٢٥/١٠/١
: forms of attendance Available
mandatory
: Total study hours / Total unit hours
units ٧ hours / ٧٠
if there is more than one,) Name of the course coordinator
:(please state
Note: The last line appears to be a) .A Al M.M. Marwa Mohammed :Name (.typo and should be omitted
objectives Course

Cognitive objectives - A Knowledge and Understanding - A To enable students to acquire knowledge and - ١A the , the predicate , the subject) understanding in grammar Kana and its sisters the subject of , agent's substitute the , agent .(the predicate of Inna and its sisters , nowledge and Enabling students to acquire kn - ٢A Literary life in the early Islamic) understanding in literature The Farewell Sermon of the ,(features and characteristics) era Noble Messenger Muhammad(The , (peace be upon him His life, critical) : Burda Poem by Ka'b ibn Zuhair Literary life in the ,(verses 10 commentary, memorization of) Jarir : First example , Contradictory poetry , Umayyad era) Farazdaq-Al : Second example ,(verses 10 memorization of (verses 10 memorization of Enabling students to acquire knowledge and - a3 alphabetic and) understanding in writing dictation solar , alphabetical order of Arabic letters , phonetic order (' writing the closed and open ta , and lunar letters Specific to the cours Skill Objectives - B. . Skills in literature - ١B . related to grammar topics Skills - ٢B . related to spelling writing Skills - ٣B based objectives-Affective and value - C To understand the importance of studying the subject and - ١A	Course objectives The student should be able to at the end of the academic year
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. applications its life					
the of He understands the importance of the impact –٢A					
. doctrine of monotheism on life					
Teaching and learning strategies					
• Lecture method • Interrogation method • Simulation method • Discussion method					strategy
Course structure					
Evaluati on Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Written and oral tests perform ce	• Lecture • laboratory • discussion • Simulation	Grammar	1. Learn Arabic grammar rules in) syntax , subject , predicate , agent agent's , substitute subject of kana and its , sisters predicate of inna and its . { sisters	٢	١
Written	• Lecture • laboratory	Grammar	•2 Learn (Life) Literature	٢	

and oral tests performance	• discussion • Simulation	era in Literature Islam Issued((Characteristics and the) characteristics), sermon argument For the Goodbye The Messenger generous Muhammad ﷺ , a The Burda poem Zuhair son heel: (.His life Comment We) Critical memorize 10 verses), life The in Literary Umayyad era poetry Contradictions, a First model: Jarir (memorize 10 verses) Second : example -Al) Farazdaq memorizin	1
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			(verses 10 g		
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Grammar	3- Learn Dictation writing in Dictation; • The alphabetical, phonetic, and abjad order of . Arabic letters	٢	٣
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Grammar	• Solar and lunar letters Writing the closed and 'open ta	٢	٤
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Literature	Arabic to learn grammar rules in) Grammar , subject agent , predicate agent's , , substitute subject of Kana , and its sisters predicate of Inna .{ and its sisters	٢	٥
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Literature	• Solar and lunar letters Writing the closed 'ta and open	٢	٦

	tion				
Written and oral performance tests	- Lecture - laboratory - discussion - Simulation	Literature	Arabic to learn grammar rules in) Grammar , subject , agent , predicate agent's substitute subject of Kana , , and its sisters predicate of Inna .{ and its sisters	٢	٧
First month exam				٢	٨
Written and oral performance tests	- Lecture - laboratory - discussion - Simulation	Literature	Arabic to learn grammar rules in) Grammar , subject , agent , predicate agent's substitute subject of Kana , , and its sisters predicate of Inna .{ and its sisters	٢	٩
Written and oral performance tests	- Lecture - laboratory - discussion - Simulation	Dictation	to learn) Literature (Life in Literature Issued era Islam(Characteristics and the) (characteristics), sermon	٢	١٠

			argument For Goodbye the Messenger The generous Muhammad  , a poem The Burda son heel Zuhair: (His Comment .life We) Critical memorize 10 verses), life in Literary The era Umayyad poetry Contradiction s, a model First: Jarir(memorize 10 verses) Second : example -Al) Farazdaq memorizin (verses 10 g		
Written and oral	- Lecture - laboratory	Dictation	to learn Dictation	٢	١١

performance tests	• discussion • Simulation		writing in Dictation: •The alphabetical, phonetic, and abjad order of . Arabic letters		
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Dictation	•Solar and lunar letters Writing the closed and 'open ta	٢	١٢
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Dictation	•Solar and lunar letters Writing the closed and open 'ta	٢	١٢
Written and oral performance tests	• Lecture • laboratory • discussion • Simulation	Literature	Arabic to learn grammar rules in) Grammar , subject agent , predicate agent's , , substitute subject of Kana , and its sisters predicate of Inna .(and its sisters	٢	١٤
Second month exam				٢	١٥
Course evaluation					
is distributed according to the tasks assigned to the student, such as ١٠٠ of The grade out .daily preparation, daily, oral, monthly, and written exams, reports, etc					

Degree	Grade distribution
1.	Monthly theory exam + daily exam + attendance reports +
2.	grade Final exam
3.	Final grade

Learning and teaching resources

nothing	(Required textbooks (methodology, if applicable)
•Nada wa -Explanation of Qatr al Sada, by Ibn Hisham-Ball al, • Comprehensive Grammar, . Abbas Hassan	(Main references (sources
•The writings of the ancient grammarians, •Ghalayini, compiler of -al , Arabic lessons • Journal of the Iraqi Scientific , Academy	Recommended supporting books and (...references (scientific journals, reports
•-The website of the Lisan al Arab blog, • The Comprehensive Library • The Scientific Council website • , Faseeh Network-Al	Electronic references, websites

Course description template

Course Name
of Education Principles
code Course
SCBB04BEP123
Year /Semester
Second/First
description was prepared Date this

2025-10-01

forms of attendance Available

mandatory

(Number of study hours (total) / Number of units (total

units ٣ / hours ٤٥

more than one, please if there is) Name of the course coordinator
(mention it

: Email Name: Ms. Mona Abdullah Ismail basicsci9@uodiyala.edu.iq

objectives Course

: a) Cognitive objectives of the course

- . in general basic education Introducing students to
- identify the key inputs that are important for basic To equip students with the ability
.education
- .in basic education systems in some Arab countries Students Definition
- .e foreign countries to basic education systems in som Introducing students
- .The students learned about the educational problems facing basic education in Iraq
- Students' awareness and identification of the educational problems facing bas
.education
- on the educational Informing students about the impact of educational proble
.process
- . Students' understanding of the causes of educational problems

: based objectives-Skills (b)

- .Analyzing the concepts presented in the course
- and -the fundamentals of basic education, its inputs To acquire the skill of recogniz
.identifying its problems
- . education systems in Arab and foreign countries Evaluating basic
- . Applying the acquired concepts in the fields of basic education

Teaching and learning strategies

- .Lecture and presentation
- .Interrogation
- Simulation
- .Discussion

Course structure

Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Performance tests Oral and)	Delivery - Interrogat Discussion	- Education (Concept (and Importance	Enabling students to understand the of education concept	٣	the first

(written	Simulation		and Education understanding its importance		
Performance tests and Oral) (written	Delivery - Interrogat Discussion Simulation	- The relationship between education and upbringing - Similarities, differences, and the relationship between education, learning, and teaching	To enable students to understand the relationship between education and upbringing, and the most important similarities and differences between education, learning, and teaching	۳	the second
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- Education in the Islamic -Arab Heritage	To enable students to learn about educational systems Islamic -in the Arab heritage	۳	the third
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- Principles of Education	students to Enabling learn about the most important principles of education	۳	Fourth
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- The teacher's roles in light of modern educational trends - Teaching profession licenses (concept and standards	Enabling students to learn about the most important roles of the teacher according to modern teaching methods, as well as to understand the concept of a teaching profession license	۳	Fifth
Performance tests (Editorial)	First month exam				Sixth
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- requirements Basic for a teacher's success in his profession	Enabling students to identify the most important basic requirements for a teacher to succeed in their profession	۳	Seventh
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- Characteristics of a successful teacher	Enabling students to identify the most important characteristics that contribute to a teacher's success in their profession	۳	Eighth
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- The class mentor teacher (concept and roles	Enabling students to understand the concept of a classroom advisor and the most important roles they play	۳	Ninth

Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- Basic education in Iraq - concept The	Enabling students to recognize and define the concept of basic education in Iraq	٢	tenth
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- Stages	Enabling students to identify and define the stages of basic education in Iraq	٢	eleventh
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	- Examples of basic education in some countries of the world (Qatar	Enabling students to learn about a basic education model from some countries around the world Qatar as an) .example	٢	twelfth
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	Examples of basic education in some countries of the world (Japan)	Enabling students to learn about a basic education model from some countries around the world Japan as an) .example	٢	thirteen th
Performance tests Oral and) (written	Delivery - Interrogat Discussion Simulation	Examples of basic education in some the world countries of (Britain)	Enabling students to learn about a basic education model from some countries around the world Britain as an) .example	٢	fourtee nth
Performance tests (Editorial)	Second month exam				fifteenth

Course evaluation

assigned to the student, such as is distributed according to the tasks ١٠٠ The grade out of
.daily preparation, daily, oral, monthly, and written exams, reports, etc

Degree	Grade distribution
١٠	Monthly theory exam + daily exam + attendance reports +
٢٠	Final exam grade
١٠٠	Final grade

teaching resources Learning and

- Books that deal with basic educational material - Books that deal with curricula and syllabi in education	Required textbooks (methodology, (applicable
In Comparative Education and Professor Dr. International Education .٢٠٠٤ Mousawi, -Abdullah Hassan Al Modern Book World	(Main references (sources
- Journals specializing in .education - .Journals of educational studies	Recommended supporting books and (...references (scientific journals, reports
educational websites related to Utilize course topics	Electronic references, websites

Course Description

Biology Human

Course Name
Human biology
code Course
SCBB04HB122
Year /Semester
Second/First
description was prepared Date this
٢٠٢٦/٢/١
forms of attendance Available
mandatory
(Number of study hours (total) / Number of units (total
60 units *
if there is more than one,) Name of the course coordinator .(please mention it

: Email Dr. Ammar Adnan Ta'ma :Name basicsci20@uodiyala.edu.iq
 : Email :M.M. Fatima Mahmoud Ali basicsci62@uodiyala.edu.iq

objectives Course

:a) Cognitive objectives

- .To become familiar with human biology
- man in nature To show the place of
- .To know the systems of the human body
- .To show the structures of the organs that make up the human body
- .To draw the structures of the devices
- .To explain how these devices work
- .To learn about the types of systems that make up the human body
- .To mention the benefits of the systems that make up the human body

:b) The specific skills objectives of the course

- .To compare the different devices and their operation
- .To compare the functions of different devices
- .each device and their functions To explain in detail the parts of
- .To mention the interrelationship between the work of these devices with each other
- .To know the diseases that affect the different systems of the human body

: objectives based-Affective and value -C

- . biology human analyze topics related to To be able to think and
- . In the laboratory performance to think and analyze topics related to practical To be able
- affecting the systems of the human diseases related to topics to think and analyze To be able
body
- affecting diseases to think and analyze topics related to finding Treatments related to To be a
the human body different systems of

Teaching and learning strategies

- Lecture
- .Open discussion
- Simulation
- laboratory
- learning-self

strategy

structure Course					
Evaluation Method	Learning method	Unit or topic name	Required learning outcomes	Hours	Week
Performance test (Oral/Written)	- Simulation - Laboratory - Discussion - Lecture	The concept of human biology	To become familiar with human biology	1	the first
Performance test (Oral/Written)	- Simulation - Laboratory - Discussion - Lecture	Human body systems and their parts Its location and function	The student should know the systems of the human body	1	the second
Performance test (Oral/Written)	- Simulation - Laboratory - Discussion - Lecture	skeletal system The axial device peripheral device ribs	The student should be able to know skeletal system	1	the third
Performance test (Oral/Written)	- Simulation - Laboratory - Discussion - Lecture	Parts of the digestive system of the accessory glands system	The student should be able to define Digestive system	1	Fourth
Performance test (Oral/Written)	- Simulation - Laboratory - Discussion - Lecture	Types of muscles in the human body Smooth muscles Skeletal muscles Cardiac muscle-	The student should be able to know musculature	1	Fifth
Performance test (Oral/Written)		First month exam		1	Sixth
Performance test (Oral/Written)	- Simulation - Laboratory - Discussion - Lecture	circulatory system components - veins - arteries - and its Blood components - Blood types	The student should explain the circulatory system Its components and functions	1	Seventh
Performance test (Oral/Written)	- Simulation - Laboratory - Discussion - Lecture	Parts of the respiratory system - nose - lungs - larynx - bronchioles - Internal and external respiration	The student should identify the most important components The respiratory system and its parts	1	Eighth
Performance test (Oral/Written)	- Simulation - Laboratory	- brain - spinal cord	The student should be able to identify	1	Ninth

	- discuss - Lecture	- cranial nerves - spinal nerves	Divisions of the nervous system		
Performance test (Oral/Written)	- Simulate - laboratory - discussion - Lecture	- Kidney structure - Nephron - ureter - bladder - urethra	The student should be able to list Parts of the urinary system	✓	tenth
Performance test (Oral/Written)	- Simulate - laboratory - discussion - Lecture	- arteriosclerosis - cancer - Alcohol addiction - Smoking	The student should become familiar with Organic diseases that affect the organs .Different	✓	eleven
Performance test (Oral/Written)		Second month exam		✓	twelve
Performance tests	- Simulate - laboratory - discussion - Lecture	review		✓	Thirteenth
Oral/Written)	- Simulate - laboratory - discussion - Lecture	review		✓	Fourteenth
Performance tests	- Simulate - laboratory - discussion - Lecture	review		✓	fifteenth

Course evaluation

is distributed according to the tasks assigned to the student, such as ✓✓✓ The grade out of .daily preparation, daily, oral, monthly, and written exams, reports, etc

Degree	Grade distribution
marks for ✓✓) ✓✓ ✓✓theory and marks for (practical	Monthly theory exam + daily exam + attendance reports +
marks for ✓✓) ✓✓ ✓✓theory and marks for (practical work	Final exam grade
✓✓✓	Final grade

Learning and teaching resources

- Books that deal with the subject of human anatomy (textbooks (methodology, if applicable Required

.biology - Books on Anatomy and Physiology For hum .	
- sources - Websites	(Main references (sources
Scientific journals specializing in human anatomi and other published research	Recommended supporting books and (...reports .references (scientific journals
.....	Electronic references, websites