

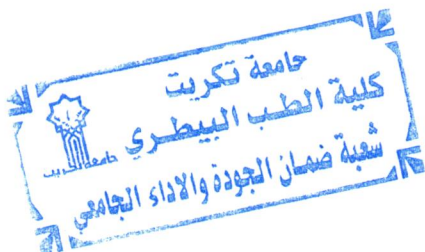


MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	General Biology		Module Delivery
Module Type	Core		<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input checked="" type="checkbox"/> Lab <input checked="" type="checkbox"/> Report <input checked="" type="checkbox"/> Practical <input type="checkbox"/> Seminar
Module Code	VET101		
ECTS Credits	8		
SWL (hr/sem)	200		
Module Level	First	Semester of Delivery	
Administering Department	Microbiology	College	College of Veterinary Medicine
Module Leader	Sanaa Sauod Ahmad	e-mail	Sana'a.s.ahmed@tu.edu.iq
Module Leader's Acad. Title	Assist.Professor	Module Leader's Qualification	Ph.D.
Module Tutor	Gada Abad Ali	e-mail	gadaabed@tu.edu.iq
Peer Reviewer Name	Professor Dr. Wasan Sarhan Aobid	e-mail	Wasansarhan@tu.edu.iq
Scientific Committee Approval Date	2025	Version Number	1.0

Relation with other Modules			
العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	
Co-requisites module	None	Semester	



Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Objectives أهداف المادة الدراسية	<ol style="list-style-type: none"> 1. Important Concepts for Understanding origin of life 2. Structure of cell and function 3. This course deals with the basic Structure of tissues. 4. Main structure of prokaryotic and eukaryotic 5. To understand Mitosis and Meiosis 6. To understand the Nucleic acid types
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	<p>Important: Write at least 6 Learning Outcomes, better to be equal to the number of study weeks.</p> <ol style="list-style-type: none"> 1. Distinguish between prokaryotic and eukaryotic. 2. Understand the differences between types of tissues. 3. Describe the basic structure of the cells. 4. Distinguish between different parasites. 5. Describe the microscope. 6. Define what is meant by genes and chromosomes. 7. Discuss types of nucleic acids. 8. Discuss the characters of bacteria and viruses.
Indicative Contents المحتويات الإرشادية	

Learning and Teaching Strategies	
استراتيجيات التعلم والتعليم	
Strategies	<p>Type something like: The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. This will be achieved through classes, interactive tutorials and by considering types of simple experiments involving some sampling activities that are interesting to the students.</p>

Student Workload (SWL)			
الحمل الدراسي للطلاب محسوب لـ ١٥ اسبوعا			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطلاب خلال الفصل	78	Structured SWL (h/w) الحمل الدراسي المنتظم للطلاب أسبوعيا	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطلاب خلال الفصل	122	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطلاب أسبوعيا	8

Total SWL (h/sem) الحمل الدراسي الكلي للطلاب خلال الفصل	200
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Module Evaluation تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #10, #11
	Assignments	2	10% (10)	2 and 12	LO #3, #4 and #6, #7
	Projects / Lab.	1	10% (10)	Continuous	All
	Report	1	10% (10)	13	LO #5, #8 and #10
Summative assessment	Midterm Exam	2hr	10% (10)	7	LO #1 - #7
	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري	
	Material Covered
Week 1	Introduction and definitions of terms
Week 2	Origin of life
Week 3	Characteristics of living organisms
Week 4	Kingdoms of living world
Week 5	Kingdom: Monera(prokaryotic)
Week 6	Kingdom: Protista(Eukaryotic)
Week 7	Phylum: Sarcomastigophora
Week 8	Subphylum:Vertebrata(Chordata) Class :Amphibia(frog)
Week 9	Living organisms
Week 10	Comparison between Prokaryotic and Eukaryotic cells
Week 11	Mitosis and Meiosis
Week 12	Types of living tissues
Week 13	General characters of bacteria and viruses
Week 14	Nucleic acid types and functions
Week 15	Genes and Chromosomes
Week 16	Preparatory week before the final Exam

Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر	
	Material Covered
Week 1	Laboratory Equipments
Week 2	The Microscope
Week 3	The Cell: Structure of cell & function
Week 4	Kingdom Monera/ Prokaryote/Bacteria
Week 5	Kingdom Protista/ Eukaryote (unicellular)/ Mastigophora
Week 6	Kingdom Protista / Eukaryote(unicellular)/ Sarcodena , Ciliophora ,Sporozoa
Week 7	Kingdom Animalia (multicellular) Invertebrates / Coelenterata / Hydra
Week 8	Kingdom Animalia (multicellular) Invertebrates Nematoda/Ascaris , Ancylostoma
Week 9	Kingdom Animalia (multicellular) Invertebrates Trematoda/Fasciola,Schistosoma
Week 10	Kingdom Animalia (multicellular) Invertebrates Cestoda/Taenia
Week 11	Kingdom Animalia / vertebrates / Frog , Fish
Week 12	Cell Division: Binary Fission, Mitosis and Meiosis
Week 13	Types of tissues
Week 14	Bacterial staining
Week 15	Preparatory week before the final Exam

Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	General biology ,2021	Yes
Recommended Texts	Concepts of Biology	No
Websites		

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.