

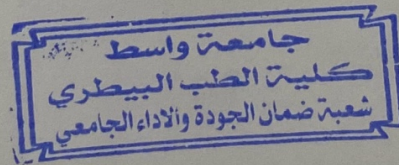
نموذج وصف المادة الدراسية (نظام بولونيا) للعام الدراسي 2024-2025

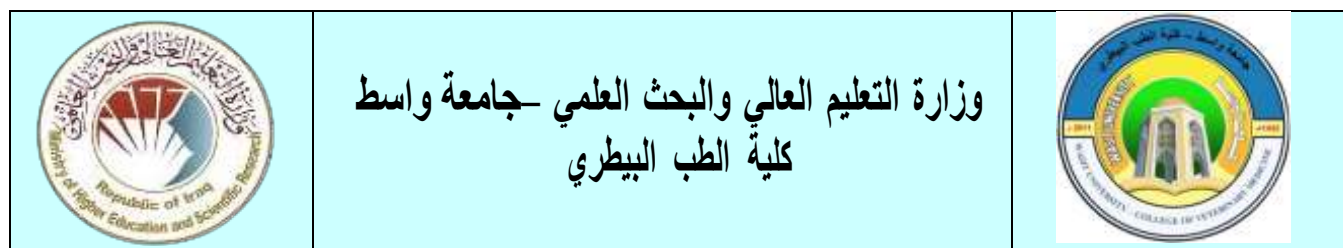
أ.د. ستار مرشد سهيل

العميد
٢٠٢٥ / ١٢ / ٢٥

المدرس الدكتور
جبار جاسم حمادي
معاون العميد للشؤون العلمية
٢٠٢٥ / ١٢ / ٢٥

م. العميد للشؤون العلمية
٢٠٢٥ / ١٢ / ٢٥





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 type="checkbox"/> Tutorial <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	أ.د. عيسى سوادى طهيلي	e-mail	
Module Leader's Acad. Title	Professor	Module Leader's Qualification	Ph.D.
Module Tutor	م.د. حيدر هادي كطوف	e-mail	
Peer Reviewer Name		e-mail	
Scientific Committee Approval Date	2024	Version Number	1.0

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

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

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	<p>The General Biology course for first-level veterinary medicine students under the Bologna system encompasses a comprehensive exploration of fundamental biological concepts essential for veterinary practice. The curriculum includes topics such as cell biology, genetics, evolution, and the diversity of life, providing a solid foundation in both plant and animal biology. Students will study physiological processes, ecological relationships, and the principles of animal behavior, integrating practical laboratory work to enhance their understanding. Emphasis is placed on the application of biological principles to veterinary science, equipping students with the critical skills needed for future studies and professional practice in animal health and welfare.</p>

Learning and Teaching Strategies استراتيجيات التعلم والتعليم	
Strategies	<p>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 للطالب محسوب لـ ١٥ اسبوعا			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	78	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعيا	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	122	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	200		

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

Module Evaluation					
تقييم المادة الدراسية علم الاحياء					
		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 Practical	2	10% (10)	6 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

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

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

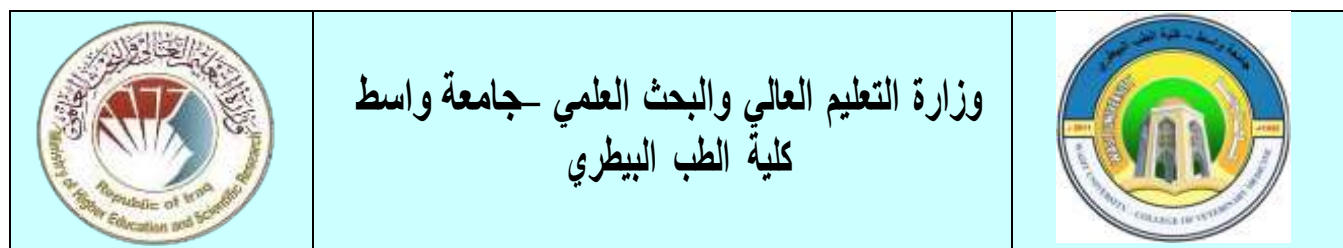
Recommended Texts	Concepts of Biology	No
Websites		

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 (فقد 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.



MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	Biorisk management		Module Delivery
Module Type	Core		<input checked="" type="checkbox"/> Theory <input checked="" type="checkbox"/> Lecture <input checked="" type="checkbox"/> Lab <input type="checkbox"/> Tutorial <input type="checkbox"/> Practical <input type="checkbox"/> Seminar
Module Code			
ECTS Credits	3		
SWL (hr/sem)	75		
Module Level	1	Semester of Delivery	1
Administering Department	Microbiology	College	College of Veterinary Medicine
Module Leader	أ.د. عيسى سوادى طهيلي	e-mail	
Module Leader's Acad. Title	Professors	Module Leader's Qualification	
Module Tutor	Name (if available)	e-mail	E-mail
Peer Reviewer Name		e-mail	
Scientific Committee Approval Date	2024	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 risk and biosafety. 2. Working with potentially infected animals. 3. This course deals with biological materials 4. Decontamination and waste disposal 5. To understand storage of chemicals. 6. To understand the first aid and emergency response in the laboratories.

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

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 biological materials 2. Understand the types of PPE. 3. Standard microbiological techniques. 4. Give a definition of Hazardous chemicals. 5. Distinguish between biosafety cabinet classes. 6. Describe first aid and emergency response in the laboratories.
Indicative Contents المحتويات الإرشادية	<p>The Bio Risk Management course for first-level veterinary medicine students within the Bologna system focuses on identifying, assessing, and mitigating biological risks in veterinary contexts. The curriculum covers key topics such as zoonotic diseases, biosecurity measures, and the principles of infection control, emphasizing their application in both clinical and field settings. Students will learn about risk assessment methodologies, regulatory frameworks, and best practices for managing biological hazards in animal populations. Through case studies and practical exercises, the course fosters critical thinking and decision-making skills, preparing students to effectively safeguard animal health and public safety in their future veterinary careers.</p>

Learning and Teaching Strategies

استراتيجيات التعلم والتعليم

Strategies	<p>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>
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Student Workload (SWL)

الحمل الدراسي للطالب محسوب لـ ١٥ اسبوعا

Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	18	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعيا	3
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	57	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	6
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	75		

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)		

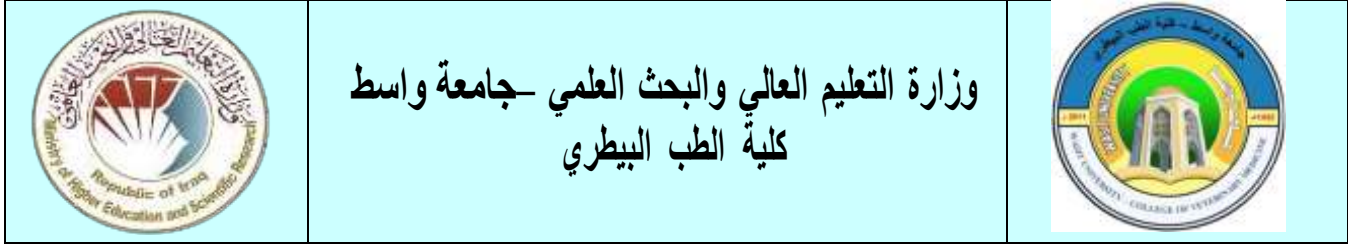
وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري	
	Material Covered
Week 1	Introduction: Definitions & Concepts Risk, Hazard, Biorisk, Biosafety, and Biosecurity.
Week 2	Biological Materials (Bacteria, Viruses, Fungi, Parasites, Prions, Zoonotic pathogens, Toxins).
Week 3	Personal protective equipment (PPE). Types of PPE, Route of exposure to pathogens.
Week 4	Laboratory safety symbols and hazard signs.
Week 5	Risks groups and Biosafety Levels.
Week 6	Biosafety cabinet classes :Design, Operation, ,use and misuse.
Week 7	Standard Microbiology Techniques and Safety.
Week 8	Safe use of (pipettes ,centrifuge , homogenizers , shakers , blenders , and sonicators ,ampoules containing infectious materials) .
Week 9	Collection , handling and transport of diagnostic specimens.
Week 10	Decontamination and waste disposal.
Week 11	Working with potentially infected animals. General considerations.
Week 12	Hazardous chemicals (Routes of exposure, storage of chemicals, general rules regarding chemical incompatibilities.
Week 13	Toxic effects of chemicals, Explosive chemicals, Chemical spills , Compressed and liquefied gases).
Week 14	Preparedness and response to Chemical, Biological accidents: - In the Laboratories. - In the field.
Week 15	First aid and emergency response in the Laboratories.
Week 16	Preparatory week before the final Exam

Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts		Yes
Recommended Texts	The biological laboratory risk management handbook WHO-Biosafety-Manual	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 (فيدالمعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks with 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.



MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	Animal Management		Module Delivery
Module Type	Core Basic		<input type="checkbox"/> Theory <input type="checkbox"/> Lecture <input type="checkbox"/> Lab <input type="checkbox"/> Practical <input type="checkbox"/> Seminar
Module Code			
ECTS Credits	7		
SWL (hr./sem)	175		
Module Level	1	Semester of Delivery	1
Administering Department	General Health	College	College of Veterinary Medicine
Module Leader		e-mail	
Module Leader's Acad. Title		Module Leader's Qualification	Ph.D.
Module Tutor		e-mail	
Peer Reviewer Name		e-mail	
Scientific Committee Approval Date	2024	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	1. Developing and understanding the principles of field animal management from a veterinary perspective in a way that supports the practical side of the profession 2. The ability to manage the animal field in the healthiest ways 3. Ability to deal with different animals

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

Module Learning Outcomes مخرجات التعلم للمادة الدراسية	<ol style="list-style-type: none"> 1. Explanation of scientific subjects through theoretical lectures. 2. Training of students for practical applications in laboratories. 3. Student prepare a scientific related reports.
Indicative Contents المحتويات الإرشادية	<p>This course provides a description and specification of farm animals of all types and the different methods of raising them for productive purposes [SSWL= 1 hour]</p> <p>Psychological and behavioral characteristics of horses and their care and care of foals (young) [SSWL= 4 hours]</p> <p>Productive characteristics of cattle and their behavior and care of their newborns [SSWL= 6 hours]</p> <p>Characteristics of raising goats and their behavior and care [SSWL= 2 hours]</p> <p>Characteristics of raising sheep and their behavior and care [SSWL= 2 hours]</p> <p>Characteristics of raising buffaloes and their behavior and care [SSWL= 2 hours]</p> <p>Characteristics of raising camels and their behavior and care [SSWL= 3 hours]</p> <p>Methods of reproduction in different animals will be discussed and ways to maximize the benefit from reproduction and proper health management for them [SSWL= 4 hours]</p> <p>The course will also discuss one of the important aspects of wild animals and ways to preserve them as one of the components of environmental balance [SSWL= 4 hours]</p> <p>Total hrs = 90 = (Time table 3 hr x 15 weeks)- theoretical</p> <p>Total hrs = 30 = (Time table 2 hr x 15 weeks)- practical</p>

Learning and Teaching Strategies

استراتيجيات التعلم والتعليم

Strategies	The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, dealing with different animals and knowing the basic rules for their management, As well as using devices and tools that assist in controlling animals. This will be achieved through classroom and practical lessons that will help students understand and apply.
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Student Workload (SWL)

الحمل الدراسي للطالب محسوب لـ ١٥ اسبوعا

Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	78	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعيا	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	97	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	6
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	175		11

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	Description and identification of farm animals
Week 2	Equine behavior
Week 3	Equine and foal care
Week 4	Calf and cattle management
Week 5	Cattle production
Week 6	Cattle behavior
Week 7	Goat management
Week 8	Sheep management
Week 9	Buffaloes management
Week 10	Camel management
Week 11	Buffaloes and camel behavior
Week 12	Management of Animal reproduction 1
Week 13	Management of Animal reproduction 2
Week 14	Wild animals 1
Week 15	Wild animals 2
Week 16	Preparatory week before the final Exam

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab 1: External parts of Cattle
Week 2	Lab 2: External parts Equine
Week 3	Lab 3: Control and restrains of cattle
Week 4	Lab 4: Control and restrain of equine
Week 5	Lab 5: Age estimation in equine
Week 6	Lab 6: Age estimation in cows, sheep and goat
Week 7	Lab 7: Methods casting
Week 8	Lab 8: Signs of health
Week 9	Lab 9: Drug administration
Week 10	Lab 10: Milking
Week 11	Lab 11: Body score condition
Week 12	Lab 12: Animal Grooming
Week 13	Lab 13: Animal housing
Week 14	Lab 14: Animal examination
Week 15	Lab 15: Farm practices

Learning and Teaching Resources

مصادر التعلم والتدريس



	Text	Available in the Library?
Required Texts	Animal Husbandry Regained / The Place of Farm Animals in Sustainable Agriculture	Yes
Recommended Texts	Animal management - Domestic animal behavior and welfare	yes

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

Websites	https://www.routledge.com/Animal-Husbandry-Regained-The-Place-of-Farm-Animals-in-Sustainable-Agriculture/Webster/p/book/9781849714211
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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.

	وزارة التعليم العالي والبحث العلمي - جامعة واسط كلية الطب البيطري	
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نموذج وصف المادة الدراسية

Module Information معلومات المادة الدراسية			
Module Title عنوان المادة	English Language	Module Delivery تسليم الوحدة	
Module Type نوع المادة	Basic اساسي	Theory Lecture Quizzes Seminar Open book Report	
Module Code رمز المادة			
ECTS Credits الوحدات	2		
SWL (hr/sem)	50		
Module Level مستوى الوحدة	1	Semester of Delivery الفصل الدراسي للتسليم	1
Administering Department	Public health	College	Veterinary medicine
Module Leader مسؤول المادة	اسم التدريسي	e-mail	

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

Module Leader's Acad. Title لقب مسؤول المادة	اللقب العلمي	Module Leader's Qualification مؤهلات مسؤول الوحدة	Ma
Module Tutor مدرس المادة	اسم التدريسي المساعد	e-mail	
Peer Reviewer Name اسم المراجع النظير		e-mail	
Scientific Committee Approval Date موافقة لجنة المراجعة	2024	Version Number رقم الإصدار	1.0

العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	Semester	-
وحدة المتطلبات الأساسية	لا	الفصل الدراسي	
Co-requisites module	None	Semester	-

استراتيجيات التعليم والتعلم Learning and Teaching Strategies

Strategies	Teaching methods use of data show devices and smart board Learning methods encouraging students to read external sources and urging them to be self-reliant.
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Module Aims, Learning Outcomes and Indicative Contents

اهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية

Module Aims اهداف المادة الدراسية	<ul style="list-style-type: none"> - Observation and perception. - Analysis and interpretation. - Conclusion and evaluation. - Preparation and evaluation.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	<p>Upon successful completion of this course, the student will be able to do the following: -</p> <ol style="list-style-type: none"> 1- Read modern sources. 2- Keeping up with the times and reading English books in the field of veterinary medicine.
Indicative Contents المحتويات الإرشادية	<p>The instructive content includes the following: -</p> <ol style="list-style-type: none"> 1- Explaining the scope of sentence formation in the English language. 2- Description of speaking tenses. 3- Explaining how to speak and write (punctuation) 4- Understanding the basic concepts of the specialty in English.

Module Evaluation Eenglish تقييم المادة الدراسية اللغة الانكليزية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	2	10% (10)	5 and 10	LO #1, #2 and #10, #11
	Seminar	2	10% (10)	2 and 12	LO #3, #4 and #6, #7
	Open book	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)		

Student \Workload (SWL) الحمل التعليمي للطالب			
Structured (SSWL) (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	33	(SSWL) (h/w) الحمل الدراسي المنتظم للطالب اسبوعيا	2
Unstructured (USSWL) (h/sem) الحمل الدراسي غير منتظم للطالب خلال الفصل	17	(USSWL) (h/w) الحمل الدراسي غير منتظم للطالب اسبوعيا	6
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	50		8

Delivery Plan (Weekly Syllbus) المنهاج الأسبوعي الجزء النظري	
Week I	Correct sentence structures
Week 2	Correct sentence structures
Week 3	Correct sentence structures
Week 4	Correct grammatical forms
Week 5	Correct grammatical forms
Week 6	Correct grammatical forms
Week 7	Develop and extensively use reading strategies
Week 8	Midterm examination
Week 9	Develop and extensively use reading strategies
Week 10	Proper punctuation
Week 11	Proper punctuation

Week 12	Proper punctuation
Week 13	Use English basic sentence structure
Week 14	Use English basic sentence structure
Week 15	Use English basic sentence structure

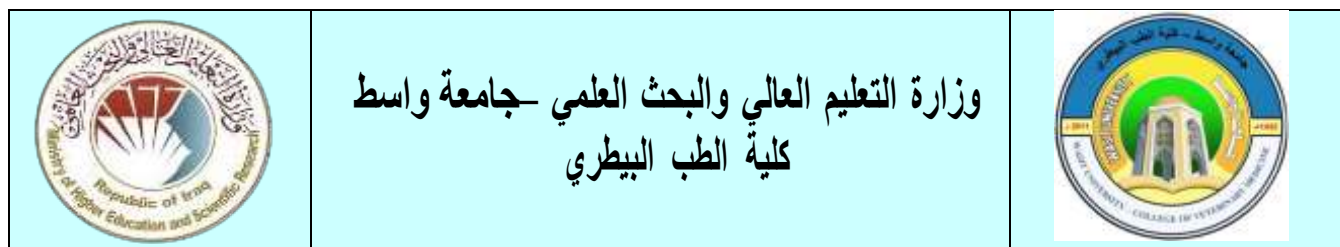
Learning and Teaching Resources

Required texts النصوص المطلوبة	English, grammar, Headway	Available in the library
Recommended text النصوص الموصى بها	Veterinary medicine books	Available in the library
Websites	BBC Learning English British Concil	no

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 with 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.



نموذج وصف المادة الدراسية التشرية

Module Information

Module Title	Skeletal Anatomy	Module Delivery	
Module Type	Core Basic	✓ Theory ✓ Lecture ✓ Lab ✓ Practical ✓ Seminar	
Module Code	VET102		
ECTS Credits	8		
SWL (hr/sem)	200		
Module Level	1	Semester of Delivery	1
Administering Department	Anatomy and Histology	College	Veterinary Medicine
Module Leader		e-mail	
Module Leader's Acad. Title		Module Leader's Qualificatio	Ph.D
Module Tutor		e-mail	
Peer Reviewer Name		e-mail	
Scientific Committee Approval Date	2024	Version Number	1.0

Relationship with other subjects

Prerequisite module	None	Semester	-
Co-requisites module	None	Semester	-

Learning and Teaching Strategies

Strategi es	The ability to: - identify problems, make predictions, develop hypotheses and devise means of conducting investigations to test hypotheses; - plan and carry out experimental procedures and operations in an appropriate sequence; - use experimental controls when appropriate; - modify an original plan or sequence of operations as a result of difficulties encountered in conducting experiments or obtaining unexpected results; - consider possible sources of errors and risks in the design of an experiment; - select and use appropriate equipment and techniques.
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Module Aims, Learning Outcomes and Indicative Contents	
Module Aims	<p>1- Increase the student's knowledge and understanding in the field of veterinary medicine and prepare him scientifically to be familiar with the anatomical and histological structures of the animal's body so that he can know the changes that occur in the various organs and tissues of the body when infection occurs with various pathogens.</p> <p>2 -Increase the student's cognitive awareness regarding the various embryonic stages from the beginning of embryonic formation to the time of birth and benefit from distinguishing between normal and abnormal embryos that suffer from congenital malformations.</p> <p>3 -Work to meet the needs of society in this field by developing various plans that keep pace with scientific and practical developments in the field of veterinary medicine.</p> <p>4 -Increase the student's skills in the field of use and self-development to enable competition with others in the labor market</p>
Module Learning Outcomes	<p>Upon successful completion of this course, the student will be able to do the following: -</p> <p>1- Enable students to know anatomy and teach it to students and the relationship of anatomy to other sciences</p>
Indicative Contents	<p>The guiding content includes the following: -</p> <p>1- Explain the scope of osteology. (1)</p> <p>2- Describe life activities from a structural point of view(3)</p> <p>3- Explain the scope of bones and cartilage (6)</p> <p>4- Understand the basic concepts of anatomy (8)</p>

Student \Workload (SWL)

Structured (SSWL) (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	93	(SSWL) (h/w) الحمل الدراسي المنتظم للطالب اسبوعيا	5
Unstructured (USSWL) (h/sem) الحمل الدراسي غير منتظم للطالب خلال الفصل	107	(USSWL) (h/w) الحمل الدراسي غير منتظم للطالب اسبوعيا	8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	200		

وصف المقررات الدراسية / كلية الطب البيطري / جامعة واسط 2025-2024

Module Evaluation تقييم المادة الدراسية ادارة حيوان					
		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 Practical	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)		

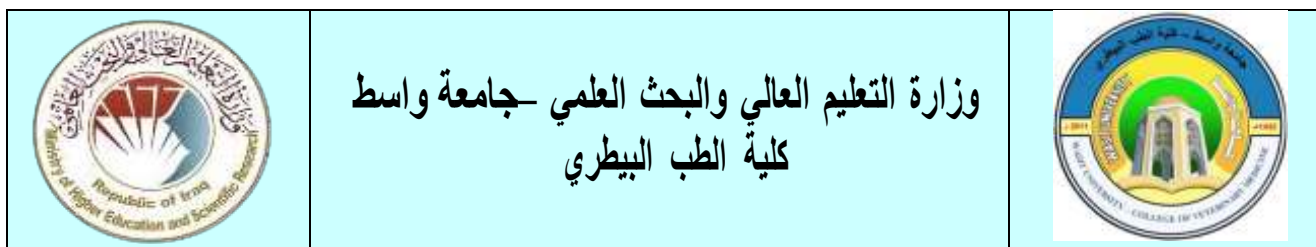
Delivery Plan (Weekly Lab. SyUabus) المنهاج الأسبوعي للمختبر	
Week 1	Skull Anatomy
Week 2	Cervical Vertebrae Anatomy
Week 3	Lumbar and Sacral Vertebrae Anatomy
Week 4	Forelimb Anatomy
Week 5	Hindlimb Anatomy
Week 6 -14	Hoof Anatomy

Learning and Teaching Resources مصادر التعلم والتدريس		
Required Texts	Anatomy of large animals	Available in the library
Recommended Texts	Anatomy of small animals	Available in the library
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

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2025-2024

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نموذج وصف المادة الدراسية الديمقراطية وحقوق الانسان				
Module Information معلومات المادة الدراسية كلية الطب البيطري				
Module Title عنوان المادة	الديمقراطية وحقوق الانسان	Module Delivery تسليم الوحدة		
Module Type نوع المادة	Core ثانوي	نظري تعليمي حلقة دراسية		
Module Code رمز المادة	UOT104			
ECTS Credits الوحدات	2			
SWL (hr/sem)	50			
Module Level مستوى الوحدة	1	Semester of Delivery الفصل الدراسي للتسليم		1
Administering Department	فرع الصحة العامة	College	الطب البيطري	
Module Leader		e-mail		
Module Leader's Acad. Title لقب مسؤول المادة	مدرس مساعد	Module Leader's Qualification مؤهلات مسؤول الوحدة	مدرس	
Module Tutor المادة		e-mail		
Peer Reviewer Name اسم المراجع النظير		e-mail		
Scientific Committee Approval Date لجنة المراجعة	2024	Version Number رقم الاصدار	1.0	

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

Prerequisite module وحدة المتطلبات الأساسية	None	Semester الفصل الدراسي	-
Co-requisites module وحدة المتطلبات المشتركة	None	Semester الفصل الدراسي	-

Learning and Teaching Strategiاستراتيجيات التعلم والتعليم			
Strategies	القدرة على - :تحديد المشاكل ، وإجراء التنبؤات ، وتطوير الفرضيات وابتكار وسائل لإجراء التحقيقات لاختبار الفرضيات ؛ - تخطيط وتنفيذ الإجراءات والعمليات التجريبية في تسلسل مناسب ؛ - استخدام الضوابط التجريبية عند الاقتضاء ؛ - تعديل خطة أصلية أو تسلسل العمليات نتيجة للصعوبات التي واجهتها في إجراء الحلقات أو الحصول على نتائج غير متوقعة ؛ - مراعاة المصادر المحتملة للأخطاء.		
Module Aims, Learning Outcomes and Indicative Contents اهداف المادة الدراسية ونتائج التعلم والمحتويات الارشادية			
Module Aims اهداف المادة الدراسية	✓ 3- زيادة المعرفة والفهم لدى الطالب بماهية حقوق الانسان واعداده اعدادا" علميا" لكي يتكون لديه وجهات نظر عالمية وانسانية وعلمية ودينية وثقافية تجاه المضامين الحقيقية لحقوق الانسان. ✓ 2 يادة الادراك المعرفي لدى الطالب في ما يخص حقوق الفرد والمجتمع. ✓ 3-العمل على تلبية حاجة المجتمع في هذا المجال من خلال وضع دعم الخطط المختلفة تكون مواكبة للتطورات العلمية والعملية في مجال الاختصاص. ✓ 4.زيادة مهارات الطالب في مجال الاستخدام والتطوير الذاتي		
Module Learning Outcomes مخرجات التعلم	زيادة معرفة الطالب بالجانب المفاهيمي النظري والتطور التاريخي لمادة حقوق الانسان والديمقراطية - تنمية مهارات الطالب التحليلية والنقدية فيما يتعلق بواقع ومستقبل حقوق الانسان والديمقراطية		
Indicative Conte المحتويات الارشادية	يتضمن المحتوى الإرشادي ما يلي:- - تدريب الطالب على اهمية المشاركة الفاعلة في جوانب الحياة العامة كتعزيز احترام مبادئ حقوق الانسان العامة والمشاركة الفاعلة في الحياة السياسية والثقافية.		
Student \Workload (SWL)الحمل التعليمي للطالب			
Structured (SSWL) (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	33	(SSWL) (h/w) الحمل الدراسي المنتظم للطالب اسبوعيا	2
Unstructured (USSWL)(h/sem) الحمل الدراسي غير منتظم للطالب خلال الفصل	17	(USSWL)(h/w) الحمل الدراسي غير منتظم للطالب اسبوعيا	6
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	50		

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2025-2024

Module Evaluation تقييم المادة الدراسية ادارة حيوان					
		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
	Seminar	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)		

Learning and Teaching Resources مصادر التعلم والتدريس		
	النص Text	المتوفر بالمكتبة Available in the Library?
Required Texts النصوص المطلوبة	الكتب المنهجية والمقررات الدراسية	Yes
Recommended Texts النصوص الموصى بها	الكتب والمصادر الخارجية	NO
Websites المواقع الالكترونية	المواقع العلمية ذات العلاقة	

Delivery Plan (Weekly Lab. SyUabus)	
Week I الاسبوع الاول	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6 -14	

وصف المقررات الدراسية /كلية الطب البيطري/جامعة واسط 2024-2025

Grading Scheme مخطط الدرجات				
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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
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تم اعداد مقررات مسار بولونيا المرحلة الاولى كلية الطب البيطري واسط من قبل السيد معاون العميد للشؤون العلمية د. جبار جاسم حمادي

الاستاذ الدكتور
ستار راشد سهيل
العميد
3 /11 / 2024


الدكتور
جبار جاسم حمادي
المعاون العلمي للشؤون العلمية
والدراسات العليا
3 /11 / 2024

Grading Scheme مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
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تم اعداد مقررات مسار بولونيا المرحلة الاولى كلية الطب البيطري واسط من قبل السيد معاون العميد للشؤون العلمية د. جبار جاسم حمادي

D.V.S.

الاستاذ الدكتور
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جبار جاسم حمادي
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جامعة واسط
كلية الطب البيطري
شعبة ضمان الجودة والاداء الجامعي