

	<p>Ministry of Higher Education and Scientific Research - Iraq Al-Mustaql University College Of Sciences Department of Biology</p>	
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MODULE DESCRIPTOR FORM

نموذج وصف المادة الدراسية

Module Information			
معلومات المادة الدراسية			
Module Title	General Zoology		Module Delivery
Module Type	CORE		<ul style="list-style-type: none"> -Theory Lecture -Lab -Practical Seminar
Module Code	UOMU0341011		
ECTS Credits	5		
SWL (hr/sem)	200		
Module Level	1	Semester of Delivery	1
Administering Department	Biology	College	Science
Module Leader	Prof. Dr. Khairi Abdullah Dawood	e-mail	khairy.abdulla@uomus.edu.iq
Module Leader's Acad. Title	Professor	Module Leader's Qualification	Ph.D
Module Tutor	None	e-mail	None
Peer Reviewer Name		e-mail	
Review Committee Approval		Version Number	

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 والمحفوظات الإرشادية

Module Aims أهداف المادة الدراسية	<p>1-Preparing and qualifying specialists to meet the requirements of the labor market.</p> <p>2- Encouraging and developing scientific research in the field of life sciences in order to keep pace with development and provide the student with the latest theoretical and practical information in the field of life sciences and zoology in particular.</p> <p>3- Creating appropriate conditions for faculty members to develop their knowledge and educational and research skills.</p> <p>4- Preparing the student appropriately for postgraduate studies and scientific research in his field of specialization</p>
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	<p>1- For the student to become familiar with the concepts of zoology.</p> <p>2- For the student to become familiar with the classification of zoology.</p> <p>3 - The student gets to know the importance of zoology and basic definitions.</p>
Indicative Contents المحفوظات الإرشادية	<p>1- Guiding students to give a lecture (Sumner) by the student to participate in the lecture</p> <p>2- The student's personal development through explaining certain information to his colleagues</p> <p>3- Discussing research and articles</p> <p>4 - Conducting scientific experiments related to the topic by students</p>
Learning and Teaching Strategies استراتيجيات التعلم والتعليم	
Strategies	<p>1- Giving lectures</p> <p>2- Monthly exams</p> <p>3- Preparing reports</p> <p>4- Cobs</p> <p>5- Discussion method with students</p> <p>6- Displaying many films and pictures via display screens</p>

<h3 style="text-align: center;">Student Workload (SWL)</h3> <h4 style="text-align: center;">الحمل الدراسي للطلاب</h4>			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	102	Structured SWL (h/w) الحمل الدراسي المنتظم للطالب أسبوعيا	7
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	98	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	7
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	200		

<h3 style="text-align: center;">Module Evaluation</h3> <h4 style="text-align: center;">تقييم المادة الدراسية</h4>					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	1	10% (10)	5	LO # 1 and 3
	Practical Seminar(Lab).	2	15% (15)	Continuous	LO # 2 , 4 and 5
Summative assessment	Midterm Exam	1 hr	15% (15)	14	LO # 1 to 5
	Final Exam	3hr	60% (60)	16	All
Total assessment		100% (100 Marks)			

<h3 style="text-align: center;">Delivery Plan (Weekly Syllabus)</h3> <h4 style="text-align: center;">المنهاج الأسبوعي النظري</h4>	
	Material Covered
Week 1	<ul style="list-style-type: none"> • Life and the features of living organisms
Week 2	<ul style="list-style-type: none"> • The branches of biology sciences
Week 3	<ul style="list-style-type: none"> • Ions and their functions in animal body
Week 4	<ul style="list-style-type: none"> • Animal kingdom and characters of animals
Week 5	<ul style="list-style-type: none"> • Classification of animals due to the features posseses
Week 6	<ul style="list-style-type: none"> • Animal cells
Week 7	<ul style="list-style-type: none"> • Cell energy
Week 8	<ul style="list-style-type: none"> • Cell membrane
Week 9	<ul style="list-style-type: none"> • Body fluids and material transports
Week 10	<ul style="list-style-type: none"> • Cellular respiration
Week 11	<ul style="list-style-type: none"> • Animal nutrition

Week 12	<ul style="list-style-type: none"> • Types of circulatory systems in animals
Week 13	<ul style="list-style-type: none"> • Nervous systems
Week 14	Animals Reproduction
Week 15	Review
Week 16	Exam

<h3 style="text-align: center;">Delivery Plan (Weekly Lab. Syllabus)</h3> <p style="text-align: center;">المنهج الآسبي عي للمختبر</p>	
	Material Covered
Week 1	Laboratory guidelines and instructions, the microscope its parts and types, and how to handle it.
Week 2	Animal cell - Examination of some types of animal cells.
Week 3	Animal tissue-Epithelial tissue and its types
Week 4	Connective tissue and its types
Week 5	Bone, cartilage and blood
Week 6	Muscles and its types
Week 7	Nervous tissue
Week 8	Animal groups : Major Phyla, Protozoa, examples
Week 9	phylum: Platyhelminthes, examples
Week 10	phylum: Chordata: Amphibians: frog
Week 11	Anatomy of a frog
Week 12	The frog's skeletal system
Week 13	The frog's muscular system

<h3 style="text-align: center;">Learning and Teaching Resources</h3> <p style="text-align: center;">مصادر التعلم والتدریس</p>		
	Text	Available in the Library?
Required Texts	1-T. SARGUNAM STEPHEN, (2007).ZOOLOGY, text book for HIGHER SECONDARY - FIRST YEAR 2- Armand R. Maggenti and Scott L. Gardner,(2005). Online Dictionary of Invertebrate Zoology.	NO

Recommended Texts	Cleveland P. Hickman, Jr. ... [et al.].(2008). INTEGRATED PRINCIPLES OF ZOOLOGY, FOURTEENTH EDITION. Published by McGraw-Hill, a business unit of The McGraw-Hill Companies, Inc., 1221 Avenue of the Americas, New York, NY 10020. Copyright © 2008 by The McGraw-Hill Companies,	No
Websites	https://www.zootax.com.cn/EN/home	

APPENDIX:

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	مقبول بقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note:

NB 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.