

توصيف مقرر دراسي

١ - بيانات المقرر		
المستوى: الرابع	أسم المقرر: <b>Taxidermy and preparation of museum models</b>	الرمز الكودي: <b>Es414</b>
التخصص: علوم البيئة	عدد الوحدات الدراسية: 1	نظري 1    تمارين 0    عملي 0

٢ - هدف المقرر: For students undertaking this course, the aims are to: 1- Introduce the principles of taxidermy and preparation of museum models. 2- Outline the basic information of animal preservation. 3- Participate effectively in a multidisciplinary teamwork and be flexible for working under contradictory conditions. 4- Understand the basic processes taxidermy and preparation of museum models.	
٣ - المستهدف من التدريس المقرر:	
أ - المعلومات والمفاهيم: a- Knowledge and Understanding : On completing this course, students will be able to: a.1- Define methods of collection of different animals. a.2- List and differentiate methods of animal preservation. a.3- Acquire and understanding of the chemicals and instruments used. a.4- Conclude the relation between the animal and its preservation.	
ب- المهارات الذهنية b- Intellectual Skills: On completing this course, students will be able to: b.1- Distinguish different methods of preservation. b.2- Compare the structure of different ecosystems. b.3- Evaluate the animal ecosystem, its conservation, economics and sustainability for animals.	
ج- المهارات المهنية الخاصة بالمقرر: c- Professional and Practical Skills: On completing this course, students will be able to: c.1- Apply preservation and collection of aquatic animals c.2- Compare between different fixatives and dyes. c.3- Collect, record and analyze data using appropriate techniques in the field and laboratory	
د- المهارات العامة : d- General and Transferable Skills: On completing this course, students will be able to: d.1- Work effectively both in a team, and independently. d.2- Communicate effectively with the surrounding ecosystem. d.3- Work in groups effectively; manage time, collaborate and communicate with others positively.	
٤ - محتوى -Historical review	

<ul style="list-style-type: none"><li>- materials &amp; chemicals</li><li>- instruments</li><li>- methods of collection &amp; hunting</li><li>- fixatives &amp; pastes</li><li>- artificial dyes</li><li>- fixation &amp; transportation</li><li>- Skinning &amp; tanning</li><li>- skeleton formation</li><li>- invertebrates preservation- dryness (insects)</li><li>- casting method for fishes &amp; reptiles- embalming birds &amp; mammals – finishing- caring- museum arrangement &amp; show.</li></ul>				المقرر:
4 - Teaching and Learning Methods				٥- اساليب التعليم والتعلم:
4.1 - Interactive presentations (lectures with discussion).				
4.2 - Practical study.				
4.3 - Clinical practice.				
As normal students. Only students with skeletal disabilities are allowed to join the program				٦- أساليب التعليم والتعلم للطلاب ذوي القدرات المحدودة:
٧- تقويم الطلاب :				
5 - Student Assessment Methods				أ- الأساليب المستخدمة :
5-1.	Final exam	to assess	a 1,a2,a3,a4-b1,b2,b3,b4	
5-2.	Oral exam	to assess	a 1,a2,a3,a4-b1,b2,b3,b4	
5-3.	Practical exam	to assess	c1,c2,c3,c4-	
5-4.	Research article	to assess	a 1,a2,a3,a4-d1,d2,d3	
Assessment Schedule				ب- التوقيت :
Assessment 1	Week	14		
Assessment 2	Week	14		
Assessment 3	Week	13		
Assessment 4	Week	6		
Weighting of Assessments				ج- توزيع الدرجات :
	Final-Term Examination	60		
	Oral Examination	10		
	Practical Examination	20		
	Semester work	0		
	Other types of assessment	10		
	Total	100		
٨- قائمة الكتب الدراسية والمراجع :				
Course notes				أ- مذكرات:
				ب- كتب ملزمة
				ج- كتب مقترحة :
Different web sites of the field of study.				د- دوريات علمية أو نشرات..

### مصفوفة المعارف والمهارات المستهدفة من المقرر الدراسي

المحتويات للمقرر	أسبوع الدراسة	المعارف الرئيسية	مهارات ذهنية	مهارات مهنية	مهارات عامة
-Historical review.	1	a1, a2	b2	c1, c2	d1
-materials & chemicals	2	a1, a3	b1,b2	c2, c3	d1
- instruments.	3	a2, a3	b1, b3	c1, c3	d2
- methods of collection & hunting.	4	a1, a2	b1, b3	c2, c3	d1
- fixatives & pastes.	5	a1, a3	b1, b3	c1,c2	d2
- artificial dyes.	6	a1, a2	b1, b3	c1, c3	d1
- fixation & transportation	7	a1, a3	b1, b3	c2, c3	d2
- Skinning & tanning.	8	a1, a2	b2, b4	c2, c3	d3
- skeleton formation.	9	a2,a4	b1, b3	c2, c3	d1
- invertebrates preservation.	10	a1, a2	b1, b4	c4	d2
- dryness (insects).	11	a1, a3	b2, b4	c2, c3	d2
- casting method for fishes & reptiles- embalming birds & mammals.	12	a2, a3	b1, b4	c1 , c4	d2
Practical according to the course content.	2-11			c1,c2,c3, c4,c5	

رئيس مجلس القسم العلمي: أ.د. هناء على حسن

أستاذ المادة: د./ محمد فتحي عبدالعال