

توصيف مقرر دراسي

١- بيانات المقرر		
الرمز الكودي: Es308	أسم المقرر: Parasitology	المستوى: الثالث
التخصص: علوم البيئة	عدد الوحدات الدراسية: 3	نظري 2 عملي 2 تمارين 0

٢- هدف المقرر:	For students undertaking this course, the aims are to: 1 - Develop a set of skills that enable students to understand the basic principles of parasitology. 2 - Acquire a good knowledge of the morphology, habitat, distribution, life cycle, mode of infection, pathogenic effects, control and treatment of human and animal parasites. 3 - Develop specific skills to identify the human and animal parasites. 4 - Diagnose parasitic diseases.
٣- المستهدف من التدريس المقرر:	
أ- المعلومات والمفاهيم:	a- Knowledge and Understanding : On completing this course, students will be able to: a1. Acquire precise understanding of human parasitic diseases and their control. a2. Understand the biological concepts essential for working in Analytical labs. a3. Define how to avoid the harmful effects of parasites.
ب- المهارات الذهنية:	b- Intellectual Skills: On completing this course, students will be able to: b1. Search for a specific subject. b2. Apply what they studied in practical life. b3. Manage their own learning and make use of it. b4. Recognize and apply concepts, principles of parasitology. b5. Apply to solve problems.
ج- المهارات المهنية الخاصة بالمقرر:	c- Professional and Practical Skills: On completing this course, students will be able to: c1. Use microscopes and different techniques. c2. Identify parasites. c3. Dissect small organisms.
د- المهارات العامة:	d- General and Transferable Skills: On completing this course, students will be able to: d1. Use internet. d2. Handle parasites, instruments, animals and microorganisms. d3. Use equipments in analysis. d4. Present data in oral and written presentation. d5. Use computers for communications, data handling and word processing. d6. Use the electronic library.
٤- محتوى المقرر:	Parasitology: Definition of Parasitology terms. Systematic, morphology, anatomy habitat,

distribution, life cycle. Diagnosis, pathogenicity, control and treatment of Protozoan parasites. Platyhelminthes (habitat, morphology, distribution anatomy, life cycle, diagnosis, pathogenicity, control and treatment) Nematode parasites (habitat, morphology, distribution anatomy, life cycle, diagnosis, pathogenicity, control and treatment)				
4 - Teaching and Learning Methods 4.1 - Lectures using data show and board. 4.2 - Mounted specimens and microscopes in practical. 4.3 - Essays, living specimens as well as video projector (data show).				٥ - أساليب التعليم والتعلم:
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	a1,a2,a3-b1,b2,b3,b4,b5	
5-2.	Oral exam	to assess	d1,d2,d3,d4,d5,d6	
5-3.	Practical exam	to assess	c1,c2,c3	
Assessment Schedule				ب- التوقيت :
Assessment 1	Week	14		
Assessment 2	Week	14		
Assessment 3	Week	13		
Weighting of Assessments				ج- توزيع الدرجات :
Final-Term Examination		60		
Oral Examination		10		
Practical Examination		20		
Semester work		10		
Other types of assessment		0		
Total		100		
٨- قائمة الكتب الدراسية والمراجع :				
Course notes issued and authorized by the department				أ- مذكرات:
				ب- كتب ملزمة
Foundations of Parasitology, Gerald D. Schmidt & Larry S. Roberts' , McGraw-Hill Science Engineering, 2000				ج- كتب مقترحة :
Websites of scientific related materials of Parasitology				د- دوريات علمية أو نشرات..

مصفوفة المعارف والمهارات المستهدفة من المقرر الدراسي

مهارات عامة	مهارات مهنية	مهارات ذهنية	المعارف الرئيسية	أسبوع الدراسة	المحتويات للمقرر
d2,d3	c1	b1,b2	a1,a2,a3	1,2	Parasitology: Definition of

Parasitology terms. Systematic, morphology, anatomy habitat, distribution, life cycle. Diagnosis, pathogenicity					
Protozoan parasites	3,4	a2,a3	b2,b3,b4	c1,c2	d1, d2,d4
Platyhelminthes (habitat, morphology, distribution anatomy)	5,6	a1,a2	b3,b5	c1,c2	d1, d3,d5
Platyhelminthes (Digenea: life cycle, diagnosis, pathogenecity, control and treatment)	7,8	a1	b1,b4	c2	d1, d4
Monogenea	9	a1,a3	b5	c2	d1, d5
Cestodes	10	a1	b1, b3	c2	d4,d6
Nematode parasites (habitat, morphology, distribution anatomy, life cycle, diagnosis, pathogenecity, control and treatment)	11,12	a2	b1,b5	c3	d1,d3,d4,d6
Practical according to the course content.	2-11			c1,c2,c3	

أستاذ المادة: د. / سيد أحمد الطنطاوي رئيس مجلس القسم العلمي: أ.د. هناء على حسن

