

توصيف مقرر دراسي

١ - بيانات المقرر		
المستوى: الثالث	أسم المقرر: Congenital malformation	الرمز الكودي: Es309
عدد الوحدات الدراسية: 3	نظري 2	تمارين 0
عمل 2	التخصص: علوم البيئة	

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 embryology. 2 - Acquire a good knowledge of congenital malformation. 3 - Develop specific skills to identify the human and animal malformation. 4 - Diagnose congenital malformation.	
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 malformation and their causes. a2. Understand the different factors of malformation. a3. Know how to avoid the harmful effects of malformation.	
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 congenital malformation. b5. Apply to solve malformation 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 congenital malformation.	
د- المهارات العامة: d- General and Transferable Skills: On completing this course, students will be able to: d1. Use internet. d2. Handle 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.	
٤ - محتوى المقرر: Factors affecting congenital information, Ecological factors , Genital factors – Types of abnormalities – Skeletal malformation – Appendicular malformation – External malformation – Kidney malformation – malformation of nervous system	

– Heart and blood vessels malformation – General idea of organs formation.				
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	
5-3.	Practical exam	to assess	c1,c2	
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				أ- مذكرات:
				ب- كتب ملزمة
				ج- كتب مقترحة :
Websites of scientific related materials of embryology				د- دوريات علمية أو نشرات..

مصفوفة المعارف والمهارات المستهدفة من المقرر الدراسي

المحتويات للمقرر	أسبوع الدراسة	المعارف الرئيسية	مهارات ذهنية	مهارات مهنية	مهارات عامة
Introduction	1	a1,a2,a3	b1,b2	c1	d2,d3
Factors affecting congenital information	2	a1,a2,a3	b1,b2	c1	d2,d3
Factors affecting congenital information	3,4	a2,a3	b2,b3,b4	c1,c2	d1, d2,d4

Skeletal malformation	5	a1,a2	b3,b5	c1,c2	d1, d3,d5
Appendicular malformation	6	a1	b1,b4	c2	d1, d4
External malformation	7	a1,a3	b5	c2	d1, d5
Kidney malformation	8	a1	b1, b3	c2	d4
malformation of nervous system	9	a2	b1,b5	c3	d1,d3,d4
Heart and blood vessels malformation	10	a1,a2	b3,b5	c1,c2	d1, d3,d5
General idea of organs formation	11-12	a1,a3	b5	c2	d1, d5
Practical according to the course content.	2-11			c1,c2	

أستاذ المادة: أ.د./ حسن ابراهيم الصياد رئيس مجلس القسم العلمي: أ.د. هناء على حسن