

نموذج وصف المقرر وبنيته

1. اسم المقرر :					
الاحياء الطبية					
2. كود المقرر:					
3. الفصل / السنة سنوي					
سنوي					
4. تاريخ اعداد هذا الوصف 2026-2025					
2025-2026					
5. اشكال الحضور المتاحة حضور اسبوعي					
المحاضرات نظري (ومختبرات العملي الاسبوعي)					
6. عدد الساعات الدراسية (الكلي):					
عدد الساعات الدراسية : 60 نظري و 60 ساعة عملي					
7. اسم مسؤول المقرر الدراسي :					
8. اهداف المقرر					
1. تمكين الطلبة من التعرف على علم الاحياء الطبية وتقسيماته حيث يشمل دراسة علم البكتريا وعلم المناعة والفايروسات و علم الأنسجة بالإضافة الى دراسة الطفيليات الطبية خصوصا التي لها علاقة بالأمراض الفموية 2. تمكين الطلبة من التعرف على الانواع الطفيلية المختلفة تمكين 3. الطلبة من فهم مبادئ علم الوراثة و علم الأنسجة					اهداف المادة الدراسية:
1. استراتيجيات التعليم والتعلم					
1. الطريقة الالقائية 2. استخدام محاضرات البوربوينت 3. طريقة المناقشة والنقاش 4. استعمال الشاشات والسبورات الذكية في عرض المادة العلمية 5. التعليم في المختبرات لاكتساب المهارات العلمية 6. التقارير والمشاريع 7. المجاميع الطلابية 8. ورش العمل 9. الرحلات العلمية					الاستراتيجية
2. بنية المقرر					
Week	hours	Unit or subject name	Required Learning Outcomes	Learning method	Evaluation method

1.	2hrs.Theory 2hrs.Practical	Introduction to Medical and. oral biology	Learn biology branches and scientist	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
2.	2hrs.Theory 2hrs.Practical	Prokaryotes and. Eukarvotes	Learn features and structure	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
3.	2hrs.Theory 2hrs.Practical	General and. oral immunity	Learn types of immunocelles	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
4.	2hrs.Theory 2hrs.Practical	Bacteria. and. oral disease	Learn types and structure of bacteria.	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
5.	2hrs.Theory 2hrs.Practical	Genetics and. its role in oral diseases	Study basic of genetic material	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
6.	2hrs.Theory 2hrs.Practical	Simple epithelial tissue (Tongue)	Learn structure and tissue features	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
7.	2hrs.Theory 2hrs.Practical	Stratified epithelial tissue	Learn structure and tissue features	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
8.	2hrs.Theory 2hrs.Practical	Glandular epithelial tissue (salivary gland)	Learn structure and tissue features	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
9.	2hrs.Theory 2hrs.Practical	General connective tissue (blood)	Learn structure and tissue features.	Power point	quizzes + Quarterly exam, mid- year and final exam for

					theoretical and practical parts
10.	2hrs.Theory 2hrs.Practical	Muscular tissue	Learn structure and tissue features	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
11.	2hrs.Theory 2hrs.Practical	Nerve tissue	Learn structure and tissue features	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
12.	2hrs.Theory 2hrs.Practical	Cell structure (oral membmne)	Learn structure and features of cell	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
13.	2hrs.Theory 2hrs.Practical	Plasma membrane structure	Learn membrane and structure function	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
14.	2hrs.Theory 2hrs.Practical	Passage of Materials across cell Membrane	Roll of membrane in material passage	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
15.	2hrs.Theory 2hrs.Practical	Cell cycle	Learn cell cycle parts	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
16.	2hrs.Theory 2hrs.Practical	Mitosis and meiosis	Study phases of mitosis &miosis	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
17.	2hrs.Theory 2hrs.Practical	Cell energy	Learn metabolism	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts

18.	2hrs.Theory 2hrs.Practical	Nucleic acid DNA and RNA	Learn chemical structure of nucleic acid	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
19.	2hrs.Theory 2hrs.Practical	Introduction to parasitology	Learn about general parasitology	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
20.	2hrs.Theory 2hrs.Practical	Types of parasites and host.	Learn the relation between hosts and parasites	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
21.	2hrs.Theory 2hrs.Practical	General and oral protozoa	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
22.	2hrs.Theory 2hrs.Practical	Human amoebas, E. histolytica, E.coli, E.gingivalis	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
23.	2hrs.Theory 2hrs.Practical	Flagellates, Giardia lamblia, Trichomonas tenax, T.hominas. T.vaginalis	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
24.	2hrs.Theory 2hrs.Practical	Leishmania cutaneous and visceral	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
25.	2hrs.Theory 2hrs.Practical	Sporozoa, Plasmodium spp.	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid- year and final exam for theoretical and practical parts
26.	2hrs.Theory 2hrs.Practical	Toxoplasma gondii	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid- year and final exam for

					theoretical and practical parts
27.	2hrs.Theory 2hrs.Practical	Nemathelminthes, Ascaris lumbricoides,	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
28.	2hrs.Theory 2hrs.Practical	Ancylostoma duodenale, Entrobilus vermicularis	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
29.	2hrs.Theory 2hrs.Practical	Ancylostoma duodenale, Entrobilus vermicularis	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts
30.	2hrs.Theory 2hrs.Practical	Schistosoma spp.	Learn life cycle and features of parasite	Power point	quizzes + Quarterly exam, mid-year and final exam for theoretical and practical parts

3. تقييم المقرر

15 درجة امتحان نصف السنة
25 -درجة سعي سنوي مقسمة على 12.5 : درجة للفصل الأول مقسمة الى 7.5 درجة للجزء النظري و تشمل امتحانين فصليين و تقارير و واجب بيئي و امتحانات يومية +5 درجة للجزء العملي وتشمل الامتحانات اليومية و التقارير و الواجبات البيئية
12.5 .درجة للفصل الثاني مقسمة الى 7.5 درجة للجزء النظري و تشمل امتحانين فصليين و تقارير و واجب بيئي و امتحانات يومية
5 درجة للجزء العملي و تشمل الامتحانات اليومية و التقارير و الواجبات البيئية
20 .درجة للامتحان العملي النهائي
40 درجة للامتحان النظري النهائي

4. مصادر التعلم والتدريس

1. Human Biology, 8th Edition .Inderbir Singh
2. Roberts, S.L. and Schmidt, G.D. ,"Foundation of Parasitology", 8thed., McGrawHill, New York, 2009.
3. Ross, M.H. and Pawlina, W. ,"Histology A Text and Atlas", 6thed., Lippincott Williams and Wilkins, London, 2011.
4. المكتبة الافتراضية مواقع الجامعات العالمية الرصينة في نفس الاختصاص
www.kcom.edu/faculty/chamberlian/courses.htm
<http://www.ncbi.nlm.nih.gov/books/bv>