



## نموذج وصف المقرر دراسي

## Course description

Course No.& code	CMD 213	CMD 213	رقم المقرر ورمزه
Course title	<b>Man and His Environment and Metabolism</b>	الإنسان وبيئته/ الأيض	اسم المقرر
No. of credits	7	٧	عدد الوحدات
Level	Phase II- First year	المستوى الثاني - السنة الأولى	المستوي
Prerequisites	<b>Passed Medical Education and Growth &amp; Development blocks</b>	اجتاز مقرر التعليم الطبي ومقرر النمو والتطور	متطلب سابق
Credit distribution	LT, LB ( 4 + 3 )	نظري، عمل (٣+٤)	توزيع المقرر

وصف المقررCourse description

The course "block" is required for all undergraduate 1<sup>st</sup> year medical students

This block aims to introduce students to the human body's internal environment, the potential hazards of external environment, protective mechanisms, and the body's responses to keep Homeostasis.

The students are expected to be armed with reasonable knowledge about environmental hazards, the potentialities of human adaptability on the cellular, tissue and organ levels to his environment, and the outstanding role of metabolism in homeostasis. The course components include the environmental interactions, both external environment and the internal environment, and the cellular response to the changing environmental stimuli. The role of nervous system in initiating the compensatory response will be discussed. The other component of the course is metabolism, the metabolic reactions and the pathways, and the changes that take place during environmental insults shall be dealt with.

الكتب المقررةTextbooks

## 1. Clinical Anatomy - Richard S Snell



2. Color Textbook of Histology - Leslie P. P. Gartner, James L. Hiatt, James L. Hiatt
3. Wheater's Functional Histology: A Text and Colour Atlas - Barbara Young, Alan Stevens, John W. Heath, James S. Lowe, James Lowe
4. Review of Medical Physiology - Williams Ganong
5. Harper's Biochemistry - Murray RK, Grammer DK, Mayes PA,
6. Medical Microbiology and Immunology - Warren Levinson and Ernest Jawetz
7. Essentials of Rubin's Pathology - Emanuel Rubin, Howard M Reisner
8. Basic and Clinical Pharmacology - BG Katzung
9. Clinical Pharmacy and Therapeutics - Walker & Millar
10. Preventive & Social Medicine - K. Park
11. Bates' Guide to Physical Examination & History Taking - Bickley

عرض علي لجنة المقرر بجلسته الأولى بتاريخ الإثنين ٢١/١٠/٢٠١٩م



توقيع عميد الكلية

د. الهادي

توقيع رئيس/منسق القسم