

وصف البرنامج الأكاديمي

يوفر وصف البرنامج الأكاديمي هذا إيجازاً مقتضياً لأهم خصائص البرنامج ومخرجات التعلم المتوقعة من الطالب تحقيقها مبرهنًا عما إذا كان قد حقق الاستفادة القصوى من الفرص المتاحة . ويصاحبه وصف لكل مقرر ضمن البرنامج

١. المؤسسة التعليمية	جامعة نينوى
٢. القسم العلمي / المركز	كلية الطب/ فرع الامراض
٣. اسم البرنامج الأكاديمي او المهني	
٤. اسم الشهادة النهائية	بكالوريوس طب وجراحة عامة
٥. النظام الدراسي : سنوي /مقررات /أخرى	سنوي
٦. برنامج الاعتماد المعتمد	Iraqi national guideline on standards for established medical schools
٧. المؤثرات الخارجية الأخرى	WHO
٨. تاريخ إعداد الوصف	٢٠٢٢/٦/١٥

٩. أهداف البرنامج الأكاديمي

1. Be familiar with the basics of general and systemic pathology.
2. Demonstrate the essential basic scientific knowledge required to understand in an integrated manner the structure and functional deviations from the normal in the various body systems and organs.
3. Distinguish the first steps in the understanding of the clinical development of disease and the relation to etiological factors
4. Be able to correlate the histopathology with the clinical basis of specific organ diseases
5. Understand the aetiology, pathogenesis and pathologic manifestation of common diseases.
6. know basic disease patterns and their underlying mechanisms within the specific organ systems as step to preparing the student for his clinical rounds and future as a practitioner.
7. Differentiate the pathological features of diseases and the new techniques in diagnosis

١٠. مخرجات البرنامج المطلوبة وطرائق التعليم والتعلم والتقييم

أ- الأهداف المعرفية

- 1- Define and discuss the main disease categories that may affect the body (general pathology) as well as the basic mechanisms underlying these disorders (etiology, pathogenesis and natural history).
- 2- Describe the morphologic (gross & microscopic) changes occurring as a result of such disease processes in various organs.
- 3- Determine the fate & complications of each particular disease.
- 4- Define medical terms of disease process.
- 5- Describe how disease occur (pathogenesis)
- 6- Understand & explain how disease progress (outcome)

ب - الأهداف المهاراتية الخاصة بالبرنامج

- 1- Predict the signs and symptoms of a disease based on the underlying gross & microscopic tissue changes responsible for symptomatology and physical changes in the patient, thereby enabling the student recognize patients with life/organ threatening conditions.
- 2- Interpreting in a professional manner a pathology report
- 3- Choosing the most appropriate cost effective pathologic diagnostic procedures.
- 4- Selecting the necessary techniques

طرائق التعليم والتعلم

Lectures
Seminars & discussions
Self study
Practical sessions (histopathology slide lab, Jars for surgical pathology
samples & data show presentation)

طرائق التقييم

- 1-Mid year summative exam (written & practical)
- 2-Final summative exam (written & practical exam)
- 3- formative exam
- 4- attendance & participation

ج- الأهداف الوجدانية والقيمية .

- 1- Appreciate the importance of life long learning and show a strong commitment to it
- 2- Use the sources of biomedical information to remain current with the advances in knowledge & practice
- 3- Frame a question, search the literature, collect , analyze, critically appraise and utilize the obtained information to solve a particular clinical problem according to the principles of evidenced based medicine
- 4- Respond appropriately according to the seriousness of the pathologic diagnosis in an acceptable humane manner.
- 5- Maintain a professional image in manner, dress, speech and interpersonal relationships that is consistent with the medical profession's accepted contemporary standards in the community
- 6- Identify difficult ethical situations and how to properly deal with them
- 7- Express themselves freely and adequately by improving their descriptive capabilities and enhancing their communication skills

طرائق التعليم والتعلم

Lectures
Practical session

Seminar
Self study
Small group

طرائق التقييم

- 1-(written exami
- 2-Objective structured practical exam (OSPE)
- 3- formative exam

د-المهارات العامة والتأهيلية المنقولة (المهارات الأخرى المتعلقة بقبالية التوظيف والتطور الشخصي).

- 1- Demonstrate the ability to identify the macroscopic and microscopic criteria of the altered structure and hence function (pathology & pathophysiology) of the body and its major organs & systems that are seen in various diseases and conditions.
- 2- Recognise the macroscopic and microscopic criteria of the altered structure (Pathology) of the body and its major organs that are seen in various diseases and conditions.
- 3- Identify macroscopically and microscopically various disease causes (genetic, developmental, metabolic, toxic, microbiologic, autoimmune, neoplastic, degenerative, and traumatic), mechanisms and the way through which they operate in the body (pathogenesis).
- 4- Diagnose and fully describe the pathologic picture of a disorder based on gross or microscopic morphology.
- 5- Choose the most appropriate cost effective pathologic diagnostic procedures. Select the necessary techniques for sample reception & processing according to the nature of specimen received.
- 6- Diagnosing and fully reporting or describing the pathologic picture of a disorder based on gross or microscopic morphology.
- 7- Be able to handle biopsy specimen, describe the lesion grossly appropriately and ability of them to describe any histopathological slides or pictures of slides properly and conclude the differential diagnosis within the acceptable levels.

طرائق التعليم والتعلم				
Lectures Practical session Seminar Self study Small group				
طرائق التقييم				
1-(written exami 2-Objective structured practical exam (OSPE) 3- formative exam				
١١. بنية البرنامج				
الساعات المعتمدة		اسم المقرر أو المساق	رمز المقرر أو المساق	المرحلة الدراسية
نظري	عملي			

الثالثة	علم الامراض		

١٢. التخطيط للتطور الشخصي

- 1-Use of modern information technology including laboratory serological and radiological investigations.
- 2- Apply the basic science principles of normal and abnormal structure and function to clinical medicine.
- 3- Develop the clinical competencies expected in each of the core medical specialties.
- 4- Apply principles of preventive and population-based medicine including environmental health issues. 5- Recognize and respond to acute life-threatening problems

١٣. معيار القبول (وضع الأنظمة المتعلقة بالالتحاق بالكلية أو المعهد)

القبول المركزي لوزارة التعليم العالي والبحث العلمي

١٤. أهم مصطلحات المعلومات عن البرنامح

مناهج كليات الطب المتطورة في داخل وخارج البلد ووجدت التعليم الطبي

مخطط مهارات المنهج

يرجى وضع اشارة في المربعات المقابلة لمخرجات التعلم الفردية من البرنامج الخاضعة للتقييم

مخرجات التعلم المطلوبة من البرنامج

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نموذج وصف المقرر

وصف المقرر

ا م د نزار محمد ظاهر

It is meant to study of disease in term of abnormal structures and/or abnormal function of the tissues of the body; development of diseased conditions recognized with both the naked eye (morbid anatomy) and microscopically in histological sections prepared from diseased tissue (histopathology); an application of the way in which specific diseases are initiated and developed within the body (pathogenesis). In the systemic pathology course, students learn to apply the principle and mechanism of diseases. The course covered the disease process in all organ system.

المؤسسة التعليمية	جامعة نينوى
القسم العلمي / المركز	كلية الطب/ فرع الامراض
اسم / رمز المقرر	Pathology
أشكال الحضور المتاحة	
الفصل / السنة	2021-2022
عدد الساعات الدراسية (الكلي)	240 (120 lecture, 120practical)
تاريخ إعداد هذا الوصف	٢٠٢٢/٦/١٥
أهداف المقرر	

1. An understanding of the pathogenesis, morphological and clinical manifestations of basic pathological processes and specific diseases at the molecular, cellular, tissue, organ, and whole body levels.
2. An ability to accurately observe, describe and interpret diseased tissue at cellular, tissue and organ levels (i.e., microscopic, and macroscopic) using the correct vocabulary and to explain the basis of these observations.

Course description:

- 1- It is meant to study of disease in term of abnormal structures and/or abnormal function of the tissues of the body; development of diseased conditions recognized with both the naked eye (morbid anatomy) and microscopically in histological sections prepared from diseased tissue (histopathology); an application of the way in which specific diseases are initiated and developed within the body (pathogenesis). In the systemic pathology course, students learn to apply the principle and mechanism of diseases. The course covered the disease process in all organ system.
- 2- An ability to interpret clinical manifestations of disease progression in term of the underlying pathology.
- 3- The ability to communicate the pathological changes and disease symptoms.
- 4- Understanding the role of pathologists as a corner stone of a team collaboration to reach accurate diagnosis and management especially for common and malignant diseases in our community

١٠. مخرجات المقرر وطرائق التعليم والتعلم والتقييم

أ- الأهداف المعرفية

By the end of the course, the student should be able to demonstrate:

1. An understanding of the pathogenesis, morphological and clinical manifestations of basic pathological processes and specific diseases at the molecular, cellular, tissue, organ, and whole body levels.
2. An ability to accurately observe, describe and interpret diseased tissue at cellular, tissue and organ levels (i.e., microscopic, and macroscopic) using the correct vocabulary and to explain the basis of these observations.
3. An ability to interpret clinical manifestations of disease progression in term of the underlying pathology.
4. To recognize recent histopathological changes.

ب - الأهداف المهاراتية الخاصة بالمقرر.

1. Apply basic knowledge in a clinical setting –
2. Work collaboratively in problem-solving
3. Recognize normal and abnormal findings across the life cycle, especially for common diseases.

طرائق التعليم والتعلم

- a. lectures
- b. Practiccal session
- c. Semiar & discussion
- d. Self study

طرائق التقييم

- 1-(written exami
- 2-Objective structed practical exam (OSPE)
- 3- formative exam

ج- الأهداف الوجدانية والقيمية

- 1- Exhibit team work and collegiality and respect diversity.
- 2- 2- View medicine as a service profession.

طرائق التعليم والتعلم

Lectures
Seminar
Self study
discussion

طرائق التقييم
Witten exam
Formative assessment

د - المهارات العامة والتأهيلية المنقولة (المهارات الأخرى المتعلقة بقابلية التوظيف والتطور الشخصي).

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د٢-

د٣-

د٤-

١١. بنية المقرر					
الأسبوع	الساعات	مخرجات التعلم المطلوبة	اسم الوحدة / أو الموضوع	طريقة التعليم	طريقة التقييم
كل اسبوع	٤ lecture & 4 practical	understand pathogenesis, morphology and clinical manifestations of basic pathological processes and diseases at the molecular, cellular, tissue levels	علم الامراض	Lecture, practical exam, seminar, self study	Summative & formative exam OSPE

١٢. البنية التحتية	
١- الكتب المقررة المطلوبة	
٢- المراجع الرئيسية (المصادر)	<ul style="list-style-type: none"> ❖ Essential books: Robbin Basic Pathology by Kumar, Cotran & Robbins 10th edition, ELSEVIER. Philadelphia, Pennsylvania 910 pages, 2018 ❖ Recommended books: Muir' pathology, MNS series of Pathology(lat edition). ❖ Handouts of all lectures will be available at the department.
١- الكتب والمراجع التي يوصى بها (المجلات العلمية، التقارير،)	<ul style="list-style-type: none"> ❖ Essential books: Robbin Basic Pathology by Kumar, Cotran & Robbins 10th edition, ELSEVIER. Philadelphia, Pennsylvania 910 pages, 2018 ❖ Recommended books: Muir' pathology, MNS series of Pathology(lat edition). ❖ Handouts of all lectures will be available at the department.

http://www.medicine.cu.edu.eg/beta/en/jcalpro/2428.html http://www.kasralainy.edu.eg/elearning/ http://www.pathmax.com/	ب - المراجع الالكترونية، مواقع الانترنت
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١٣. خطة تطوير المقرر الدراسي
التعلم المتمحور حول الطالب وتحديث المناهج دوريا والاستفادة من احدث الدراسات