# Ministry of Higher Education and Scientific Research

**Apparatus** **of** **Supervision and Scientific Evaluation**

**Department of Quality Assurance and Academic Accreditation**

**Academic program specification form for colleges and institutes**

University: AL-MUSTANSIRIYAH

College \ institute: COLLEGE OF DENTISTRY

Scientific Department: ORAL MEDICINE / DENTAL RADIOLOGY

Date of filling the file:22/5/2016

Signature: Signature:

Head of Dept.: Scientific Assist.

Dr. Amal Raouf Dr. Biland Mohammed S. Shukri

Date: Date:

The file verified by

Quality Assurance and University Performance Division

Head of Quality Assurance and University Performance Division name:

Date:

Signature:

**Dean authentication**

**Academic Program Description**

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| This Academic Program description provides briefed information of the most important features of the program and the expected learning outcomes of the student proving whether he has made the maximum benefit from the available opportunities. And it is accompanied by a description of each course within the program. |

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| The Ministry of Higher Education and Scientific Research - Mustansiriya University - Faculty of Dentistry | 1. Educational institution |
| Oral Medicine department | 1. Scientific department / center |
| Description academic - the academic performance program | 1. Academic program name |
| Bachelor of Dental Surgery | 1. Final degree name |
| annual | 1. The education system |
| Association of Arab Universities Program - was adopted hand ASIC (Accreditation Service for International College) | 1. Accreditation program |
| Follow the curriculum in universities in the same speciality | 1. Other external influences |
| 6-2016 | 1. Date of description |
| 1. Academic Program Objectives | |
| 1-urged the students and the follow-up to their level of study in specific periods and develop their abilities.  2 commitment to academic vocabulary  3 updated vocabulary by teaching staff by 10 % per year | |
| 4. The objective of the study material for the purpose of radiation is to teach students how to take an X-ray of different techniques and how to diagnosis by X-ray and find out ways of protection from radiation for both the student and the patient  5. The aim of the study material General Medicine is for the purpose of teaching students how to make a diagnosis and treatment of common diseases and how to deal with it during practice diagnostic and therapeutic dental interventions and appropriate intervention during a potentially get access clinical complications | |
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| 1. The required outputs of the program and the methods of teaching, learning and assessment |
| 1. Cognitive goals   . A1- prepare summary reports for some topics related to tissue and gum disease and general disease .  A2- know the student to the most important surgical interventions oral and practical information such as training theory and accurately identify the composition of the histological tissue healthy and pathological microscopic examination .  A3- hands-on training labs and general oral tissues diseases and laboratory periodontal disease.  A4- display explanatory slides to explain most of the annual curriculum and the use of illustrative movies and smart blackboard and multiple means of illustrations .  A5- student training on how to deal with the patient , especially a patient difficult .  A6- emphasis on ethics Dental interaction with the patient |
| 1. Skill goals of the program   B 1 - practical training in clinics  B-2 - the study of how the diagnosis using radiographic examination  B 3 - the use of illustrative last |
| Teaching and learning methods |
| Can be classified methods approved education according to a totalitarian system that combines education system which focuses on the professor and learning , which focuses on the learner or the interaction between them andr dependence on modalities to move them into a continuous path called the methods of communication or interaction , the most methods commonly used in the information age as they continue learning transition information and feedback between teacher and learner , or between the poles of transmitter and receiver in the communication process .  In light of the classification for interactive teaching and learning of the learner to learn from humans continue confrontation or software program or from the media and modern communication which has been deployed in our daily lives.  And it falls under the pole methods that focus on the modalities Alalqaiah professor lectures and practical training which is most common in our college and in the level of higher education because it is focused on the transfer of information from the records to the listener or viewer.  The diversity of methods useful in teaching and learning as a useful diversity in education techniques seen that the hardware, software and methods of education technologies in one system may be added to it the way you use them rights which supports the teaching systems |
| Assessment methods |
| 1.Visit patrol all stages lessons.  2. fill visit form and submit it to the competent committee branch .  3. The updated curriculum and lineage |
| 1. Affective and value goals   C1- Developed the curriculum  C2- develop the skills and expertise of the teaching staff  C3- urged students and teaching staff to use the latest scientific sources Ttoiralmat     C4- prepare Dentist carries high medical values ​​to deal with the patient and how to diagnose |
| Teaching and learning methods |
| Develop a plan to ask questions and put the questions and put up quick exams intellectual daily , quarterly and final practical and theoretical side  \_ Explain and discuss the theoretical lecture program using Power Point presentation and other means of illustrations and video footage scientific  Worked ring brief reports shared by two or more to study for vocabulary curriculum     - Hands-on training for the vocabulary that need to be trained |
| Assessment methods |
| 1.Depends classroom discussions.  2.answer for quick examinations Rated level students.  3.answers practical lessons that need to be hands-on training .  4.answer the quarterly exams and the final two theoretical and practical |

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| 1. General and rehabilitative skills (other skills related to the viability of employment and personal development)   D1.Using of External References  D2.Using Video Lecture  D3. Using external questions from external references  D4. Summer Training | | | | | |
| Teaching and learning methods | | | | | |
| Using Intelligence Board  Using Power Point  Using Video Lectures | | | | | |
| Assessment methods | | | | | |
| By Routine visit of foreign Profs | | | | | |
| 1. The program structure | | | | | |
| Credits | | course name | course code | | Educational stage |
| Practical | Theoretical |
| 3 | 2 | X-ray | 50206318 | 3rd class | |
| 2 | 2 | General medicine | 50205424 | 4th class | |
| 3 | 2 | Oral medicine | 50206535 | 5th class | |

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| 1. Planning for personal development |
| D1- use external sources  D2- use video lectures  D3- use external questions from external sources     D4 - summer training |
| 1. Acceptance criterion (regulation concerning enroll in the college or institute) |
| 1. used smart blackboard  2. Use PowerPoint  3. video lectures |
| 1. The most important sources of information about the program |
| Through periodic visits by professors outside |

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| **Scheme of curriculum skills** | | | | | | | | | | | | | | | | | | | |
| **Please tick in the corresponding boxes for individual learning outcomes of the program under assessment** | | | | | | | | | | | | | | | | | | | |
| **required learning outcomes of the program** | | | | | | | | | | | | |  | | | | | | |
| **General and rehabilitative skills** | | | | **Affective and value goals** | | | | **Skill goals of the program** | | | | **Cognitive goals** | | | | **Basic**  **Or optional** | **Course name** | **Course code** | **Year / Level** |
| **D4** | **D3** | **D2** | **D1** | **C4** | **C3** | **C2** | **C1** | **B4** | **B3** | **B2** | **B1** | **A4** | **A3** | **A2** | **A1** |  |  |  |  |
| **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **basic** | **x-ray** | 50206318 | **3 rd class** |
| **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **basic** | **General medicine** | 50205423 | **4 th class** |
| **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **√** | **basic** | **Oral medicine** | 50206535 | **5 th class** |

**Course Description**

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| This course description provides briefed information of the most important features of the course and the expected learning outcomes of the student proving whether he has made the maximum benefit from the available opportunities. It must be linked with the program description |

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| Ministry of Higher Education and Scientific Research | 1. Educational institution |
| Al-Mustansiriyah University/ College of Dentistry | 1. Scientific department \ center |
| Oral Medicine / Dental Radiology 50206318 | 1. Course name\ code |
| Weekly | 1. Available attendance forms |
| Annually | 1. Semester \year |
| 4 weekly (1 theoretical + 3clinical) | 1. Credits (total) |
| 30 theoretical hours annually+90practical hours annually | 1. Date of description |
| 1. Course objectives | |
| * + - 1. Be able to take all types of periapical radiograph | |
| * + - 1. Be able to diagnosis different type of periapical lesion and bony cyst | |
| * + - 1. Be able to protect themselves and the patients from radiation | |

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| 1. Course structure ( x-ray third class ) | | | | | |
| Assessment methods | Teaching methods | Subject name | Required learning outputs | Hrs | Week |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Dental x-ray machine** | **Learning parts of dental x-ray machine** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Dental x-ray machine** | **Learning parts of dental x-ray machine** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **x-ray generation** | **Knowing x-ray generation** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **x-ray generation** | **Knowing x-ray generation** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Intra-oral technique** | **How to take Intra-oral radiograph** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Intra-oral technique** | **How to take Intra-oral radiograph** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **x-ray film** | **Know parts of x-ray film** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Factor affecting the production of radiograph** | **Knowing Factor affecting the production of radiograph** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Factor affecting the production of radiograph** | **Knowing Factor affecting the production of radiograph** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Normal radiograph anatomy** | **To be familiar with Normal radiograph anatomy** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Panorama OPG Technique** | **Knowing Panorama OPG technique** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Panorama OPG Errors** | **Knowing Panorama OPG Errors** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **the effect of radiation on biologic molecules** | **Knowing the effect of radiation on biologic molecules** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **the effect of radiation on biologic molecules** | **Knowing the effect of radiation on biologic molecules** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **errors and artifacts** | **To be familiar with errors and artifacts** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **errors and artifacts** | **To be familiar with errors and artifacts** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Digital radiography** | **How to take the Digital radiograph** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Extra- oral techniques** | **How to take Extra- oral film** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Extra- oral techniques** | **How to take Extra- oral film** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Dental caries** | **Diagnosis of Dental caries** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Periodontal diseases** | **Diagnosis of Periodontal diseases** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Interpretation of pulpal and P.A. lesions** | **Interpretation of pulpal and P.A. lesions** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Interpretation of pulpal and P.A. lesions** | **Interpretation of pulpal and P.A. lesions** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Cyst of jaw** | **Diagnosis of Cyst of jaw** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Mixed and radiopaque lesions** | **Diagnosis of Mixed and radiopaque lesions** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Mixed and radiopaque lesions** | **Diagnosis of Mixed and radiopaque lesions** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Radiographic lesions of the jaws** | **Diagnosis of Radiographic lesions of the jaws** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **Cone beam computed tomography** | **To be familiar with Cone beam computed tomography** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **CT scan** | **To be familiar with CT scan** | **1 theoretical + 3 Practical** |  |
| **Daily quiz and assessment of radiograph** | **Lecture & clinic** | **MRI** | **To be familiar of MRI** | **1 theoretical + 3 Practical** |  |
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| 1. The Infrastructure | |
| Dental Radiology Principles and Techniques, Joen Haring, 2nd edition, 2000. | 1.Textbooks required |
|  | 2.References |
| 1. Oral Radiology, Mosby; 2009 2. Digital Radiography, Ghris Gunn; 2009. 3. Principles of Dental Imaging, Langland and Langlais; 1997. | * 1. Recommended books and references (scientific journals, reports, ....) |
| Virtual library | * 1. Electronic References, and websites .... |

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| 1. Plan for development of the course |
| Visits of X-ray centre and make practical training on modern equipment in Iraq  Explaining lectures and workshops of environment protection from radiation |

**Course Description( GENERAL MEDICINE)**

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| This course description provides briefed information of the most important features of the course and the expected learning outcomes of the student proving whether he has made the maximum benefit from the available opportunities. It must be linked with the program description |

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| Ministry of Higher Education and Scientific Research | 1Educational institution |
| Al-Mustansiriyah University\ College of Dentistry | 2Scientific department \ center |
| General Medicine \ 50205423 | 3Course name\ code |
| Weekly | 4Available attendance forms |
| Annually | 5Semester \year |
| 1 weekly (1 theoretical) | 6Credits (total) |
| 30 theoretical hours annually | 7Date of description |
| 8Course objectives | |
| * + - 1. General knowledge about general medical diseases. | |
| * + - 1. Be able to make primary diagnosis of common medical problems. | |
| * + - 1. Be able to manage complications during dental care of patient with general medical disease. | |

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| 1. The outputs of the course and the methods of teaching, learning and assessment |

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| 10Course structure( GENERAL MEDICINE ) FOURTH –YEAR | | | | | |
| Assessment  methods | Teaching methods | Subject name | Required learning outputs | Hrs | Week |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Heart and cardiovascular system diseases – ischemic heart disease** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 1 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Heart and cardiovascular system diseases – congenital heart disease** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 2 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Heart and cardiovascular system diseases – endocarditis** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 3 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Hypertension** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 4 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Respiratory system diseases – asthma and chronic obstructive airway disease** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 5 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Respiratory system diseases – lung infection and tuberculosis** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 6 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Renal disease - infections** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 7 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Renal diseases – renal failure** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 8 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Diabetes Mellitus** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 9 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Endocrine diseases – thyroid gland** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 10 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Endocrine diseases – adrenal cortex** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 11 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Liver and gall blabber disease** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 12 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Gastrointestinal diseases – peptic ulcer** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 13 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Gastrointestinal diseases – small and large bowel** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 14 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Anemia** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 15 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Bleeding and thrombosis** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 16 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Leukemia** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 17 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **CNS - Cerebrovascular accident** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 18 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **CNS – Epilepsy** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 19 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **CNS – dementias** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 20 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Psychiatric disease - neurosis** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 21 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Psychiatric disease - Psychosis** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 22 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Immune mediated disease** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 23 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Allergy** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 24 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Musculoskeletal diseases - osteoarthritis** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 25 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Musculoskeletal diseases – Rheumatoid arthritis** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 26 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Myopathies** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 27 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Peripheral neuropathies** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 28 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Nutritional disorder** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 29 |
| **Daily quiz and discussion of clinical problems** | **Lecture** | **Poisoning** | **Know how to diagnose, treat such diseases and manage possible complications** | **1 theoretical** | 30 |
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| 1. The Infrastructure | |
| Scully Medical Problems in Dentistry (7th Ed.), 2015. | 1.Textbooks required |
| Davidson’s principles and practice of Medicine. | 2.References |
| 1. Oxford handbook of clinical dentistry 6th edition. 2. Oxford handbook of dental care. | * 1. Recommended books and references (scientific journals, reports, ....) |
| Virtual library | * 1. Electronic References, and websites .... |

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| 1. Plan for development of the course |
| Clinical tours of the consultation, inpatient and emergency departments in the public hospital with clinical workups guided by practical demonstration lectures |

**Course Description**

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| This course description provides briefed information of the most important features of the course and the expected learning outcomes of the student proving whether he has made the maximum benefit from the available opportunities. It must be linked with the program description |

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| Ministry of Higher Education and Scientific Research | 1. Educational institution |
| Al-Mustansiriya University/ College Of Dentistry | 1. Scientific department \ center |
| Oral Medicine 50206535 | 1. Course name\ code |
| Weekly | 1. Available attendance forms |
| Annually | 1. Semester \year |
| 30 h Theoretically (1h weekly) + 90 h clinical (3 h weekly for each group) annually | 1. Credits (total) |
| 6-2016 | 1. Date of description |
| 1. Course objectives | |
| 1. Strengthening the theoretical aspect of the medical and dental teaching for oral diseases and how to identify them such as mucosal ulceration , white and/or red, and benign or malignant lesions as well as how to treat and/or follow-up of patients. | |
| 1. To be learn and knowledge all types of diagnosis criteria | |
| 1. To be able to know the most prevalent and common oral diseases | |
| 1. To learn how Dealing with the patients have a systemic disease | |
| 1. To knowledge all the clinical manifestations and dental managements of the oral and systemic diseases | |

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| 1. Course structure ( oral medicine – 5 th class ) | | | | | |
| Assessment methods | Teaching methods | Subject name | Required learning outputs | Hours | week |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | The principles of diagnosis | How to make diagnosis and examination in scientific manner | 1 theoretical + 3 Practical | 1 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | The principles of diagnosis | How to make diagnosis and examination in scientific manner | 1 theoretical + 3 Practical | 2 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Laboratory investigations in dentistry | Identifying Laboratory investigations in dentistry | 1 theoretical + 3 Practical | 3 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Pigmented oral lesions | Identifying &differentiating with treatment of pigmented oral lesions | 1 theoretical + 3 Practical | 4 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | - T.M.J disorders | Identifying T.M.J disorders | 1 theoretical + 3 Practical | 5 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral mucosal Ulceration | Identifying Oral mucosal Ulceration | 1 theoretical + 3 Practical | 6 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | - White and red lesions | Identifying&differentiating White and red lesions | 1 theoretical + 3 Practical | 7 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | - White and red lesions | Identifying&differentiating White and red lesions | 1 theoretical + 3 Practical | 8 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Facial pain. | Identifying Facial pain. | 1 theoretical + 3 Practical | 9 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Neuromuscular disorders of the face. | Identifying Neuromuscular disorders of the face. | 1 theoretical + 3 Practical | 10 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Occupational hazards in dentistry. | Identifying Occupational hazards in dentistry. | 1 theoretical + 3 Practical | 11 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Salivary glands and their diseases. | Identifying Salivary glands and their diseases | 1 theoretical + 3 Practical | 12 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | infectious diseases  (Viral infection, Bacterial and fungal infections) | Identifying infectious diseases | 1 theoretical + 3 Practical | 13 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | infectious diseases  (Viral infection, Bacterial and fungal infections) | Identifying infectious diseases | 1 theoretical + 3 Practical | 14 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | infectious diseases  (Viral infection, Bacterial and fungal infections) | Identifying infectious diseases | 1 theoretical + 3 Practical | 15 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Lesions of the tongue. | Identifying lesions of the tongue | 1 theoretical + 3 Practical | 16 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral cancer and pre malignant lesions (Benign and malignant lesions of the oral cavity). | Identifying Oral cancer and pre malignant lesions (Benign and malignant lesions of the oral cavity | 1 theoretical + 3 Practical | 17 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Autoimmune diseases(Vesiculo – bullous lesions) | Identifying Autoimmune diseases(Vesiculo – bullous lesions) | 1 theoretical + 3 Practical | 18 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Autoimmune diseases(Vesiculo – bullous lesions) | Identifying Autoimmune diseases(Vesiculo – bullous lesions) | 1 theoretical + 3 Practical | 19 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral medicine in pediatric and geriatric | differentiating oral diseases in pediatric and geriatric | 1 theoretical + 3 Practical | 20 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral manifestations and dental management of systemic diseases.  1- A-Cardio-Vascular diseases | Identifying  Oral manifestations and dental management of systemic diseases. | 1 theoretical + 3 Practical | 21 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral manifestations and dental management of systemic diseases.  1- B-Cardio-Vascular diseases | Identifying  Oral manifestations and dental management of systemic diseases. | 1 theoretical + 3 Practical | 22 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral manifestations and dental management of systemic diseases.  2- GIT diseases | Identifying Oral manifestations and dental management of systemic diseases. | 1 theoretical + 3 Practical | 23 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral manifestations and dental management of systemic diseases.  3-Endocrine diseases (Diabetics,Thyroid and growth hormones and Adrenal insufficiency) | Identifying  Oral manifestations and dental management of systemic diseases. | 1 theoretical + 3 Practical | 24 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral manifestations and dental management of systemic diseases.  4-Hematological diseases | Identifying Oral manifestations and dental management of systemic diseases | 1 theoretical + 3 Practical | 25 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral manifestations and dental management of systemic diseases.  5-Bleeding disorders and blood dyscrasias | Identifying  Oral manifestations and dental management of systemic diseases. | 1 theoretical + 3 Practical | 26 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral manifestations and dental management of systemic diseases.  6-Respiratory and renal diseases | Identifying  Oral manifestations and dental management of systemic diseases. | 1 theoretical + 3 Practical | 27 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Oral manifestations and dental management of systemic diseases.  7- Hepatitis. | Identifying  Oral manifestations and dental management of systemic diseases. | 1 theoretical + 3 Practical | 28 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Drugs in dentistry | Identifying drugs used in dentistry | 1 theoretical + 3 Practical | 29 |
| Seminar + Clinical examination, treatment and follow up the patient (requirements) + Quizzes | Lecture & clinic | Drugs in dentistry | Identifying drugs used in dentistry | 1 theoretical + 3 Practical | 30 |

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| 1. The Infrastructure | |
| 1. Burket’s Oral Medicine, eleventh edition.  2- Dental Management of medically compromised patients.  3. Tyldesley’s Oral Medicine, fifth edition | 1.Textbooks required |
| 1. Pocket Atlas of Oral Diseases, G.Laskaris. 2. clinical oral pathology 3. Medical Problems in Dentistry, fifth edition | 2.References |
| Cawson's essentials of oral pathology and oral medicine eighth edition | * 1. Recommended books and references (scientific journals, reports, ....) |
| 1. PubMed-NCBI   2. Iraq Virtual Science Library (IVSL) المكتبة الافتراضية | * 1. Electronic References, and websites .... |

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| 1. Plan for development of the course |
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