

# The curriculum of associate degree program in Oral Hygiene Specialization

The curriculum of associate degree in “Oral Hygiene” consists of (72 credit hours) as follows:

Serial No.	Requirements	Credit Hours
First	University Requirements	12
Second	Program Requirements	18
Third	Specialization Requirements	42
<b>Total</b>		<b>72</b>



❖ تطبق هذه الخطة الدراسية اعتباراً من بداية العام الجامعي 2009/2008

## The curriculum of associate degree program in Oral Hygiene

**First:** University requirements (12 credit hours) as follows:

Course No.	Course Title	Credit Hours	Weekly Contact Hours		Prerequisite
			Theoretical	Practical	
22001101	Arabic Language	3	3	-	
22002101	English Language	3	3	-	
21901100	Islamic Culture	3	3	-	
21702101	Computer Skills	3	1	4	
<b>Total</b>		<b>12</b>	<b>10</b>	<b>4</b>	

**Second:** Program requirements (18 credit hours) as follow:

Course No.	Course Title	Credit Hours	Weekly Contact Hours		Prerequisite
			Theoretical	Practical	
21301123	Medical Physics	3	3	-	
21301131	Biochemistry	2	2	-	
21301132	Biochemistry/ Practical	1	-	3	21301131*
21102111	Anatomy	3	3	-	
21102113	Physiology	3	3	-	21102111*
21102115	Medical Sociology	3	3	-	
21102117	Medical Terminology	3	3	-	
<b>Total</b>		<b>18</b>	<b>17</b>	<b>3</b>	

\* Co-requisite



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**Third:** Specialization Requirements (42 credit hours) as follows:

Course No.	Course Title	Credit Hours	Weekly Contact Hours		Prerequisite
			Theoretical	Practical	
21113101	First Aids	3	2	3	
21110155	Oral Microbiology and Infection Control	3	3	-	
21110141	Conservative Dentistry	2	1	3	
21102131	Pharmacology	3	3	-	
21110151	General and Oral Medicine	3	3	-	
21110153	Anatomy of the Head and Teeth	2	2	-	
21110221	Preventive Dentistry 1	3	1	6	
21110223	Preventive Dentistry 2	3	1	6	21110221
21110231	Periodontology 1	2	2		
21110233	Periodontology 2	3	2	3	21110231
21110243	Orthodontics and Pediatric Dentistry	2	2	-	
21110257	Oral Surgery	2	1	3	
21110161	Dental Materials	2	1	3	
21110262	Prosthodontics	2	1	3	
21110171	Dental Radiology	2	1	3	
21110259	Dental Health Education	2	1	3	
21110200	Field Training*	3	-	-	-
<b>Total</b>		<b>42</b>	<b>27</b>	<b>36</b>	

\* Equivalent to 280 training hours



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## Guiding Plan

First Year					
First Semester			Second semester		
Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
22001101	Arabic Language	3	21301123	Medical Physics	3
22002101	English Language	3	21301131	Biochemistry	2
21702101	Computer Skills	3	21301132	Biochemistry/ Practical	1
21104215	Medical Sociology	3	20602113	Physiology	3
20602117	Medical Terminology	3	21901100	Islamic Culture	3
20602111	Anatomy	3	21104275	First Aids	3
			21110155	Oral Microbiology and Infection Control	3
<b>Total</b>		<b>18</b>	<b>Total</b>		<b>18</b>

Second Year					
First Semester			Second semester		
Course No.	Course Title	Credit Hours	Course No.	Course Title	Credit Hours
21110141	Conservative Dentistry	2	21110223	Preventive Dentistry 2	3
21110161	Dental Materials	2	21110262	Prosthodontics	2
21110151	General and Oral Medicine	3	21110171	Dental Radiology	2
21110153	Anatomy of the Head and Teeth	2	21102131	Pharmacology	3
21110221	Preventive Dentistry 1	3	21110257	Oral Surgery	2
21110231	Periodontology 1	2	21110233	Periodontology 2	3
21110259	Dental Health Education	2	21110200	Field Training	3
21110243	Orthodontics and Pediatric Dentistry	2			
<b>Total</b>		<b>18</b>	<b>Total</b>		<b>18</b>

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## Brief Course Description

Course Title	Course No	Credit Hours ( Theoretical /Practical)
لغة عربية	22001101	3 (3,0)
<p>تتضمن هذه المادة مجموعة من المهارات اللغوية بمستوياتها وأنظمتها المختلفة: الصوتية، والصرفية، والنحوية، والبلاغية، والمعجمية، والتعبيرية، وتشتمل نماذج من النصوص المشرقة: قرآنية، وشعرية، وقصصية، من بينها نماذج من الأدب الأردني؛ يتوخى من قراءتها وتدوقها وتحليلها تحليلاً أدبياً؛ تنمية الذوق الجمالي لدى الطلاب الدارسين.</p>		
لغة انجليزية	22002101	3 (3,0)
<p>English 1 is a general course. It covers the syllabuses of listening, speaking, reading, writing, pronunciation and grammar, which are provided in a communicative context. The course is designed for foreign learners of the English language, who have had more than one year of English language study. The extension part would be dealt with in the class situation following the individual differences.</p>		
ثقافة إسلامية	21901100	3 (3,0)
<ol style="list-style-type: none"> <li>1. تعريف الثقافة الإسلامية وبيان معانيها وموضوعاتها والنظم المتعلقة بها – وظائفها وأهدافها</li> <li>2. مصادر ومقومات الثقافة الإسلامية والأركان والأسس التي تقوم عليها .</li> <li>3. خصائص الثقافة الإسلامية .</li> <li>4. الإسلام والعلم ، والعلاقة بين العلم والإيمان</li> <li>5. التحديات التي تواجه الثقافة الإسلامية .</li> <li>6. رد الشبهات التي تثار حول الإسلام .</li> <li>7. الأخلاق الإسلامية والآداب الشرعية في إطار الثقافة الإسلامية</li> <li>8. النظم الإسلامية .</li> </ol>		
مهارات حاسوب	21702101	3 (1,4)
<p>An introduction to computing and the broad field of information technology is given. Topics covered include the basic structure of digital computer system, microcomputer, operating systems, application software, data communication and networks, and the internet. Hands-on learning emphasizes Windows xp , MS-office2000, and the internet.</p>		

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<b>Medical Physics</b>	<b>21301123</b>	<b>3(3,0)</b>
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This course is designed to acquaint the students with knowledge about forces and units of forces, energy changes in the body, heat loss from the body, and breathing mechanism. It helps the students acquire knowledge about electric signals of the body, general properties of sound in the body as a drum (percussion in medicine) and vision defects and corrections. Moreover, it makes the students recognize sources of radioactivity, nuclear medicine imaging devices, and the dose in nuclear medicine and therapy with radioactivity.

<b>Biochemistry</b>	<b>21301131</b>	<b>2(2,0)</b>
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Biochemistry course introduces the basic essential information to the college students to know the biomaterials which we deal with during our daily activities, classification, chemical structure, reactions and how the human body metabolizes such biomolecules work.

<b>Biochemistry/ Practical</b>	<b>21301132</b>	<b>1(0,3)</b>
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This course deals with performing practical applications for the different classes of biomolecules including carbohydrates, lipids and proteins.

<b>Anatomy</b>	<b>21102111</b>	<b>3(3,0)</b>
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The course deals with structural anatomy of the body as a whole to provide the students with knowledge of the structure of the body of the human being. This course deals all the systems of the body in an attempt to make it easy for the paramedical students to recognize the organs of the body.

<b>Physiology</b>	<b>21102113</b>	<b>3(3,0)</b>
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This course is designed to provide the students with the knowledge of the functions performed by the various parts and organs of the human body. It also deals with the integrity of the body systems as a whole to let the student recognize the physiological changes that happen within the human body and how the body systems work.

<b>علم الاجتماع الطبي</b>	<b>21102115</b>	<b>3(3,0)</b>
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يتناول هذا المساق المضمون المعرفي لعلم الاجتماع من حيث الفكر الاجتماعي والرعاية الصحية. فيقدم عرضاً لمفاهيم: الصحة، المرض، الرعاية الصحية، الخدمة الصحية والسلوك المرضي. وكذلك يتناول الدور الذي يمارسه المجتمع في الخدمة الصحية والسياق الاجتماعي للصحة والمرض وانعكاسات مفهوم الصحة والمرض على الخدمات الصحية. ثم يتناول المساق أهم الميادين الدراسية في العلوم الاجتماعية والسلوكية وذلك لفهم السلوك الاجتماعي على المستوى النظري والعملي من التطرق إلى مفاهيم: المعايير، الاتجاهات و القيم.

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<b>Medical Terminology</b>	<b>21102117</b>	<b>3(3,0)</b>
<p>This course is designed to develop a working knowledge of the language of medicine to let students acquire word building skills by learning word roots, suffixes, prefixes and abbreviations. By relating terms to body systems, students should identify the proper use of words in a medical environment. Knowledge of medical terminology enhances the students' ability to communicate and practice his/her work successfully on the purpose of providing health services.</p>		
<b>First Aids</b>	<b>21104275</b>	<b>3 (2,3)</b>
<p>This course is designed to introduce the student into emergency medical care providing him with the knowledge and skills that make him able to do patient assessment and choose first Aid priorities and the more suitable instruments which allow him to manage Airway Obstruction, shock and bleeding, soft-Tissue injuries (wounds), soft tissue Injuries (Burns) Trauma and fractures, Medical Emergency (Allergies Reaction) and medical Emergency (Poisoning) and, environmental emergency, and altered mental status, It also introduces him to the skills needed for doing CPR.</p>		
<b>Oral Microbiology and Infection Control</b>	<b>21110155</b>	<b>3(3,0)</b>
<p>This course is designed to provide the student with the basic knowledge about the groups of the oral microorganisms and the different kinds of pathogenic bacteria and their influence on the tissue of the mouth. It also introduces the students to the basis of immunity in the body .Moreover, the course deals with infection control taking into consideration the methods of infection control (sterilisation and disinfection) .Emphasis is put on the steps of sterilisation and sterilisation of instruments in hepatitis cases to prevent the occurrence of Infection .</p>		
<b>Conservative Dentistry</b>	<b>21110141</b>	<b>2 (1,3)</b>
<p>This course presents the basic principles of conservative dentistry; restoration of destructed dentition and root canal treatment. It provide the students with the basic skills of dental Fillings, and Pulp therapy for teeth Crown-bridge, Inlays, and Onlays Space Maintainer and metal crowns for children.</p>		
<b>Pharmacology</b>	<b>21102131</b>	<b>2 (2,0)</b>
<p>This course is designed to provide students with general information and description of important drugs which are related to a particular system of human body or to an aspect of medical care.</p>		
<b>General and Oral Medicine</b>	<b>21110151</b>	<b>3 (3,0)</b>
<p>This course presents the basic principles of general and oral medicine applied in treating the more common or typical diseases of the various systems of the body. Materials are presented in a system by system approach. Bacterial Diseases, viral diseases, blood diseases (or blood disorder), nutritional diseases heart &amp; Blood vessels diseases, Nervous System diseases, allergic diseases and gastro – intestinal diseases are discussed in a simple way. Finally , the course deals with mucosal infection and jaws disease.</p>		

❖ تطبق هذه الخطة الدراسية اعتباراً من بداية العام الجامعي 2009/2008

<b>Anatomy of the Head and Teeth</b>	<b>21110153</b>	<b>2 (2,0)</b>
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This course is designed to provide the student with the basic knowledge about the development, of the anatomy of oral cavity, face, Jaws , teeth., skull bones, and the muscles of facial expression and mastication. Also the course deals with the blood vessels of oral cavity and the nerves of oral cavity. Moreover, it deals with Teeth formation , composition, eruption and classification. Anatomical morphology of permanent and deciduous dentitions is the focus of this course

<b>Preventive Dentistry 1</b>	<b>21110221</b>	<b>3 (1,6)</b>
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This course introduces the student to the component of preventive dentistry. the course will provide the students with the theoretical and practical skills of preventive dentistry at both the public health and individual patient care levels. Emphasis is put on the methods and ways of dental survey and practical application in schools .The course focuses on the principles of planing and how to apply the preventive programs and fluoride application in the dental clinic. The application of fluoride mouth washes on groups scaling and root planing fissure sealant application making dental surveys and written reports an introductory course that presents the etiology and Philosophies of primary, secondary and tertiary prevention .

<b>Preventive Dentistry 2</b>	<b>21110223</b>	<b>3 (1,6)</b>
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This course is considered is a continuation of preventive dentistry I. It introduces the student to the theoretical and practical knowledge aiming at providing him with more theoretical and practical skills of preventive dentistry at both the public health and individual patient care levels. Emphasis is put on the methods and ways of dental survey and practical application. The course presents the of primary, secondary and tertiary prevention.

<b>Periodontology 1</b>	<b>21110231</b>	<b>2 (2,0)</b>
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This basic course in Periodontics introduces the students to the gross and histological features of the normal periodontium. Emphasis is placed on the recognition of the periodontal lesions with an understanding of all the etiologic factors involved in the initiation and the progression of periodontal diseases.

<b>Periodontology 2</b>	<b>21110233</b>	<b>3 (2,3)</b>
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This course is a continuation of periodontology I. It provides the students with the theoretical and practical skills of the diagnosis of periodontal diseases , treatment of periodontal diseases ,prevention of periodontal diseases treatment modalities and the biologic basis for various therapeutic procedures.

<b>Orthodontics and Pediatric Dentistry</b>	<b>21110243</b>	<b>2 (2,0)</b>
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This course introduces the students to the understanding of the principles governing the dental treatment of children and orthodontics. Focus is put on topics such as dental arch space management, minor tooth movement, dental trauma, congenital deformity and treatment of oral habits and dental care for handicapped children.

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<b>Oral Surgery</b>	<b>21110257</b>	<b>2 (1,3)</b>
<p>This course is designed to provide the student with knowledge of description of anatomical land marks of head &amp; neck. It provides the students with the Knowledge of primary and permanent teeth. Innervations of the face &amp; oral cavity . Focus is put on the understanding of the principles of surgery and respect for the microbiologic implications inherent in this art and science.</p>		
<b>Dental Materials</b>	<b>21110161</b>	<b>2 (1,3)</b>
<p>This course is designed to provide the students with an applied and working understanding of the fundamental nature and behavior of dental materials, equipments and instruments. The course includes the composition, properties, application, and manipulation of metal ceramic and polymeric dental materials.</p>		
<b>Prosthodontics</b>	<b>21110262</b>	<b>2 (1,3)</b>
<p>This course is designed to provide the student with theoretical and practical skills in the fabrication of removable partial dentures, complete dentures, Crown &amp; Bridge and obturators.</p>		
<b>Dental Radiology</b>	<b>21110171</b>	<b>2 (1,3)</b>
<p>This course introduces students to the interpretation of normal anatomy, caries, periodontal disease and periapical disease. It is an introduction in dental radiology .It deals with didactic instruction in radiation physics, radiation biology, radiation hygiene, and the techniques of radiography and processing.</p>		
<b>Dental Health Education</b>	<b>21110259</b>	<b>2 (1,3)</b>
<p>This course focuses on the role of the practicing hygienist in the dental health education and ecology of Jordan, exploring social issues, consumerism, legislation, alternative systems of health care and other issues. The students are afforded the opportunity for a wide variety of extramural experiences, both observation and participation. The students learn the principles of basic public health mechanisms of epidemiology, disease measurement, including dental indices, and public health program planning.</p>		
<b>Field Training</b>	<b>21110200</b>	<b>3 (0,280)</b>
<p>This course focuses on the role of the practicing hygienist in the dental health education and alternative systems of health care and other issues. The students are afforded the opportunity for a wide variety of extramural experiences, both observation and participation. The students learn the principles of basic public health mechanisms of epidemiology, disease measurement, including dental indices, and public health program planning</p>		

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