



جامعة دار العلوم
Dar Al Uloom University
لعلوم توابك العصر

University Hospital

العلمي

STUDENT GUIDE – دليل الطالب

كلية طب الأسنان – COLLEGE OF DENTISTRY
جامعة دار العلوم – DAR AL ULOOM UNIVERSITY



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College Vision:

Excellence in the fields of dentistry and building a knowledge society locally and regionally.

College Mission:

Preparing and qualifying distinguished dental practitioners, scientifically and professionally, who can compete locally and regionally through constant development in light of the requirements of the national development plans, creating pioneering postgraduate programs, directing the scientific research to build the knowledge economy, and providing a supportive educational environment as well as an active global and community partnership.

College Values:

1. Quality and Excellence: We are committed to apply the quality standards in the academic, research and administrative domains.
2. Continuous learning: We are committed to support the continuous teaching and learning that will contribute to building the economy of knowledge.
3. Professionalism: We are committed to develop and build the graduates' skills according to the needs of the Saudi job market.
4. Transparency: We are committed to deal clearly with all personnel and stakeholders.
5. Innovation: We are committed to innovation and creativity in our academic and research outcomes as well as to support the thoughts which deal with the community issues.
6. Continuous Improvement: We are constantly reviewing, updating, and improving our academic programs.
7. Cooperation: We are committed to the involvement of all college staff in our future directions and ambitions.
8. Commitment: We are committed to the rules of work and accountability towards the college, university, and nation.



جامعة دار العلوم
Dar Al Uloom University
لعلوم نواكب العصر
كلية طب الأسنان
College of Dentistry

رؤية الكلية:

التميز في مجالات طب الأسنان وبناء مجتمع المعرفة محلياً وإقليمياً.

رسالة الكلية:

إعداد وتأهيل كفاءات متميزة في مجال طب الأسنان علمياً ومهنياً قادرة على المنافسة محلياً وإقليمياً، من خلال التطوير المستمر في ضوء متطلبات خطط التنمية الوطنية، واستحداث برامج دراسات عليا رائدة، وتوجيه البحث العلمي بما يساهم في بناء اقتصاد المعرفة، وتوفير بيئة تعليمية وشراكة مجتمعية ودولية فاعلة.

قيم الكلية:

1. الجودة والتميز: نلتزم بتطبيق معايير الجودة في مجال العمل الأكاديمي والبحثي والإداري.
2. التعلم المستمر: نلتزم بدعم التعليم والتعلم المستمر وبما يساهم في بناء اقتصاد المعرفة.
3. المهنية: نلتزم بتأهيل وبناء مهارات خريجي الكلية وفقاً لتوجهات سوق العمل السعودي.
4. الشفافية: نلتزم بالوضوح في التعامل مع كافة المسؤولين والمستفيدين.
5. الابتكار: نلتزم بالإبداع والابتكار في جميع مخرجاتنا الأكاديمية والبحثية ودعم الأفكار التي تعالج قضايا المجتمع.
6. التحسين المستمر: نعمل على تطوير وتحديث ومراجعة برامجنا الأكاديمية بشكل مستمر.
7. التعاون: نلتزم بمشاركة جميع منسوبي الكلية في توجهاتنا وطموحاتنا المستقبلية.
8. الالتزام: نلتزم بقواعد العمل والمسؤولية تجاه الكلية و الجامعة والوطن.



About the College:

The College of Dentistry at Dar Al Uloom University has the aim of qualifying distinguished dentists to promote the health field in dentistry in the Kingdom of Saudi Arabia. The program is based on training students in all areas of dentistry, starting with basic medical sciences, then training for the pre-clinical stage, then the clinical stage, so that the student acquires sufficient experience that qualifies him/her to better work and serve his/her community. The college of Dentistry , also, works on instilling concepts of scientific research among students to enable them participate in supporting scientific research in the field of dentistry.

نبذة عن الكلية:

تعمل كلية طب الأسنان بجامعة دار العلوم على تأهيل أطباء أسنان متميزين لتساهم في نهضة المجال الصحي في طب الأسنان في المملكة العربية السعودية. ويقوم برنامجها الدراسي على تدريب الطلبة في جميع مجالات طب الأسنان بداية من العلوم الطبية الأساسية ثم التدريب للمرحلة ما قبل الإكلينيكية ثم المرحلة الإكلينيكية بحيث يكتسب الطالب خبرة كافية تؤهله للعمل وخدمة مجتمعه. كما تقوم الكلية بغرس مفاهيم البحث العلمي لدى الطلبة لتشارك في دعم البحث العلمي في مجال طب الأسنان.

CLINICS

The college of Dentistry has 200 modern clinics, distributed over three floors. In addition, the college has private clinics for VIPs, and specialized clinics for children.

The dental chairs are supplied by a German company named Sirona, and it is of the Intigo type, which is considered one of the strongest heavy duty devices that can withstand the pressure and work of students . It also contains the basic and necessary accessories that enable the doctor to treat patients best.



العيادات

تحتوي الكلية على ٢٠٠ عيادة حديثة، موزعة على ثلاثة أدوار، كما تحتوي الكلية على عيادات خاصة لكبار الشخصيات، وعيادات متخصصة للأطفال.

تم إختيار كرسي الأسنان من شركة سيرونا الألمانية وهو من نوع إنتيقو، الذي يعتبر من أقوى الأجهزة تحملاً لضغط وعمل الطلاب عليها كما يحتوي على المميزات الأساسية والضرورية التي تمكن الطبيب من علاج المرضى.



The type of chair has a unique feature that it enables the doctor to treat patients with special needs by easily changing the direction of the headrest, which enables the doctor to reverse the direction of the clinic. It is very comfortable and practical for the patient and the doctor.

One of the most important features of the dental chair is that it has internal filters to prevent large impurities consisting of dental particles or fillings from entering the drainage passages, which could cause blockages in the hospital's sewers. Furthermore, the chairs are also equipped with a sanitary system for cleaning and disinfecting the water and fluid suction pipes after each patient. This contributes to maintaining a clean and germ-free environment inside the clinics, and to preventing the transmission of infectious diseases to workers inside the building.

وللكرسي خاصية مميزة تمكن الطبيب من علاج المرضى ذوي الاحتياجات الخاصة عن طريق تغيير اتجاه مسند الرأس بكل سهولة، مما يمكن الطبيب من عكس اتجاه العيادة، وعلاج المريض بكل سهولة وراحة للمريض والطبيب.

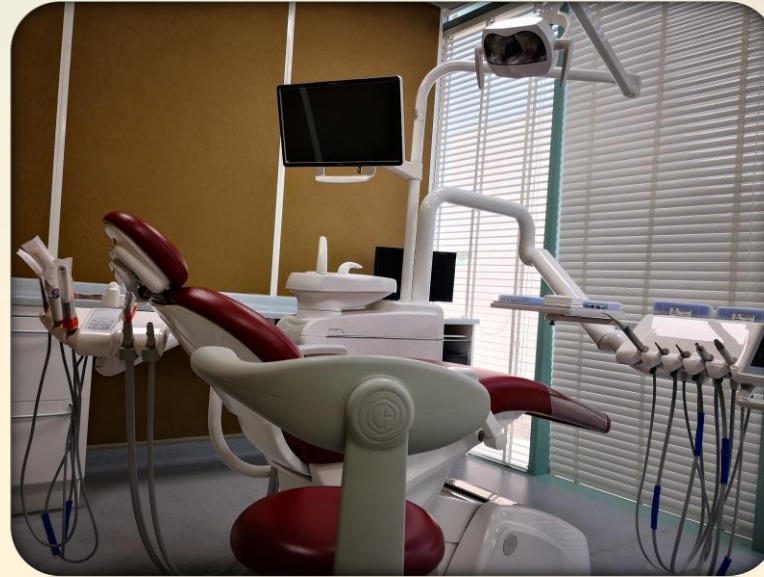
ومن أهم خواص الكرسي أنه يحتوي على فلتر داخلية لمنع الشوائب الكبيرة والمكونة من أجزاء اسنان أو الحشوات من الدخول إلى ممرات التصريف، التي من الممكن أن تتسبب بانسدادات في مجاري الصرف الصحي الخاص بالمستشفى. وكما أن الكرسي مزود بنظام صحي لتنظيف وتطهير أنابيب شفط المياه والسوائل بعد كل مريض، مما يساهم في الحفاظ على بيئة نظيفة وخالية من الجراثيم داخل العيادات، ولمنع انتقال الأمراض المعدية للعاملين داخل المبنى.

VIP clinic:

The dental chair for this clinic was chosen from the Italian-made Castellini company, equipped with the latest equipment, a screen and an oral camera to detect and take X-Rays of the mouth and teeth.

عيادة كبار الشخصيات:

تم اختيار كرسي الأسنان لهذه العيادة من شركة كاستليني إيطالية الصنع، مزودة بأحدث التجهيزات و بشاشة و كاميرا فموية للكشف و التقاط الصور للفم و الأسنان.





The clinic is supplied with desalinated water free of salts to prevent deposits and calcifications inside medical devices, which could be negatively affected by these salts.

The clinic floors are made of medical vinyl, which is anti-bacterial, anti-scratch, anti-tear and dirt-free and easy to clean.

The partitions among the clinics are coated with a fire-resistant material and prevent the spread of bacteria on it, and they are easy to clean with the clinic's detergents and sterilizers.

To the right of the dental chair, there is a side table fixed to the wall on which male or female students can place their personal items away from the patient's treatment tools, and to the left of the dental chair there is the work table on which the tools and special materials for the patient's treatment are placed. It is made of granite, which is characterized by its resistance to acids and most other chemical materials used for cleaning in dental clinics.

وتصل للعيادة مياه محلاة خالية من الأملاح لمنع الترسبات والتكلسات داخل الأجهزة الطبية والتي من الممكن أن تتأثر سلباً بسبب هذا الأملاح.

أرضيات العيادات مصنوعة من مادة الفينيل الطبي وهي مادة مضادة للبكتيريا، مقاومة للخدوش والتمزق، وتمتاز بعدم التصاق الأوساخ عليها وسهولة تنظيفها.

الحواجز الموضوعة بين العيادات مغلقة بمادة مقاومة للحرائق ولانتشار البكتيريا عليها وبنفس الوقت سهلة التنظيف بالمنظفات والمعقمات الخاصة بالعيادة.

على يمين كرسي الأسنان يوجد طاولة جانبية مثبتة بالحائط كي يتمكن الطالب أو الطالبة من وضع أغراضه الشخصية عليها بعيداً عن أدوات علاج المريض وعلى يسار كرسي الأسنان توجد طاولة العمل التي توضع عليها الأدوات والمواد الخاصة لعلاج المريض وهي مصنوعة من مادة الجرانيت التي تمتاز بمقاومتها للأحماض وأغلب المواد الكيميائية المستعملة في التنظيف في عيادات الأسنان.



The opening and closing of the water is controlled by the foot, in order to reduce the physical contact of the student's or doctor's hands with the clinic's surfaces. The container designated for medical waste is opened by pushing the cabinet opening with the student's or nurse's knee, in order to reduce the direct contact of hands with the clinic's surfaces and to reduce the contamination with germs and microorganisms as per the established protocol to prevent the spread of infection within the University Dental Hospital.

In addition, each clinic has its own computer and a digital system for entering patients' data and appointments electronic x-ray files. This facilitates the student's communication within the clinic with all the facilities and programs of the University Dental Hospital.

يتم التحكم بفتح وإغلاق الماء بواسطة القدم، وذلك لتقليل ملامسة يد الطالب أو الطبيب لأسطح العيادة، كما يتم فتح المكان المخصص لرمي النفايات الطبية داخل العيادة بواسطة دفع باب الكابينة بركبة الطالب أو الممرضة وذلك أيضاً لتقليل ملامسة الأيدي لأسطح العيادة، وبالتالي تقليل احتمال تلوث العيادة بالجراثيم والمكروبات تبعاً للبروتوكول الموضوع لمنع انتشار العدوى داخل مستشفى طب الأسنان الجامعي.

كما أن كل عيادة مزودة بجهاز كمبيوتر خاص بها ومجهزة بنظام رقمي لإدخال بيانات المرضى ومواعيدهم بالإضافة إلى ملفات الأشعة الخاصة بهم، وذلك لتسهيل اتصال الطالب داخل العيادة بجميع مرفقات وبرامج مستشفى طب الأسنان الجامعي.

Radiology

The college of Dentistry has an integrated Radiology department equipped with the latest equipment, including: 18 X-ray rooms distributed on three floors, 6 panoramic and cephalometric X-ray rooms.

The radiology system in the College of Dentistry at Dar Al-Uloom University is (Digital RVG System) which is one of the most sophisticated radiology systems in the field of Dentistry. Moreover, the College of Dentistry has a total of 18 x-ray rooms, and six panoramic x-ray units of the second generation, distributed into sections for boys and girls.

This system is equipped with special software for X- Ray analysis. After taking the X- Ray, result appears within seconds on the computer screen, where it is analyzed and dealt with using digital technology. This allows enlarging the images, adjusting the contrast, and zooming in to detect caries and lesions, and save them later in the patient's file.



الأشعة

تحتوي الكلية على قسم أشعة متكامل بأحدث الأجهزة يشتمل على: ١٨ غرفة أشعة مقسمة على ثلاثة أدوار ٦ غرف أشعة بانورامية وسيفالومترية. يعتبر نظام الأشعة في كلية طب الأسنان بجامعة دار العلوم: (نظام آر في جي الرقمي) من أحدث أنظمة الأشعة في طب الأسنان، ويوجد في كلية طب الأسنان ما مجموعه ١٨ غرفة أشعة، وستة وحدات أشعة بانورامية من الجيل الثاني، مقسمة على أقسام البنين والبنات. وهذا النظام مجهز ببرمجيات خاصة بتحليل الصور، فبعد أخذ صورة الأشعة تظهر الصورة في غضون ثواني على شاشة الكمبيوتر، حيث يتم تحليلها والتعامل معها بهذه التكنولوجيا الرقمية، التي تتيح تكبير الصور وضبط التباين والتقريب لكشف إصابات التسوس والآفات وحفظها فيما بعد بملف المريض.



3D CT scan:

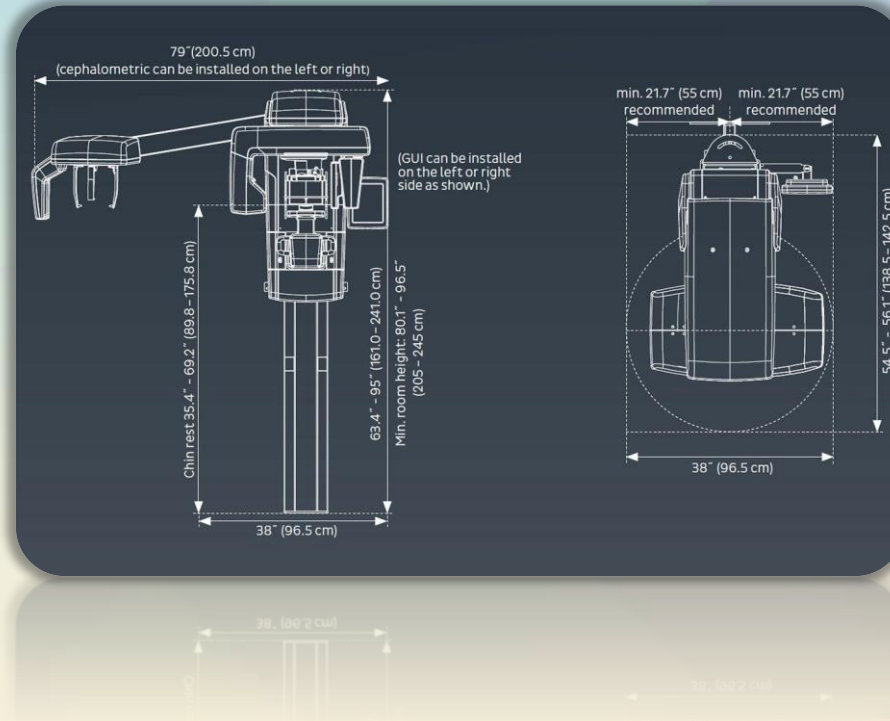
It is one of the modern technologies in the field of dentistry. The hospital used a device from the German-American company KaVo Kerr, which is one of the advanced companies in the manufacture of dental equipment and devices. This technology will serve the College of Dentistry in the therapeutic, educational and research fields.



الأشعة المقطعية ثلاثية الأبعاد:

والتي تعتبر من التقنيات الحديثة في مجال طب الأسنان.

واستعمل المستشفى جهاز من شركة KaVo Kerr الألمانية الأمريكية، حيث تعد من الشركات المتقدمة في صناعة معدات وأجهزة طب الأسنان، وستخدم هذه التقنية بإذن الله كلية طب الأسنان في المجال العلاجي والتعليمي والبحثي.



And it's characterized by cone radiation technology, which reduces the patient's exposure time to radiation and decreases the amount of radiation absorbed by the patient's tissues, to produce three-dimensional x-ray images with high accuracy that facilitates diagnostic tasks.

This technique helps in planning treatment for dental implants, as it is accurate in measurement, which reduces complications in dental implant defects. It also helps in diagnosing oral and maxillofacial diseases with high accuracy.

وتتميز بتكنولوجيا الإشعاع المخروطي مما يقلل وقت تعرض المريض للإشعاع وينقص كمية الإشعاع التي تمتصها أنسجة المريض، لإنتاج صور أشعة ثلاثية الأبعاد بدقة عالية في تسهيل المهام التشخيصية.

وتساعد هذه التقنية في التخطيط العلاجي لزراعة الأسنان، لدقة في القياس، مما يقلل مضاعفات زراعة الأسنان؛ كما تساعد في تشخيص أمراض الفم والفكين بدقة عالية.

Laboratories

Phantom Lab:

Simulation laboratories serve the educational and training process for students in the pre-clinical stage. Laboratories have been allocated to both male and female students. The phantom laboratories enable students during their pre-clinical years to perform various medical procedures in clinical situations that simulate reality.

Each simulation lab is equipped with more than 50 training units for students. In these units, there are ivory teeth models attached to the head of the doll that represents the patient. One student works on each unit. This unit is equipped with all the features of a real dental chair, and a headphone device is added to it to communicate with the supervisor.



المعامل

معامل المحاكاة (الفانتوم):

تخدم معامل المحاكاة العملية التعليمية والتدريبية للطلبة في المرحلة ما قبل الاكلينيكية وقد تم تخصيص معامل لأقسام البنين والبنات وتمكن معامل الفانتوم الطلاب خلال سنواتهم ما قبل الاكلينيكية من القيام بإجراءات طبية مختلفة بأوضاع اكلينيكية محاكية للواقع. كل معمل من معامل المحاكاة مجهز بأكثر من ٥٠ وحدة تدريب للطلبة، وتوجد في هذه الوحدات نماذج أسنان عاجية مملصة برأس الدمية التي تمثل المريض ويعمل على كل وحدة طالب واحد وهذه الوحدة مجهزة بكل الميزات الموجودة بكرسي الأسنان الحقيقي ومضاف إليها جهاز سماعة للرأس للتواصل مع المشرف.

The labs are equipped with a sophisticated audiovisual communication system that gives them an additional advantage. The central platform is designated for the training supervisor and designed to allow a ceiling camera as well as an intraoral camera to display details of medical procedures to students on screens attached to their individual units. Students can ,with the help of headphones, contact the training supervisor without having to leave their workplace.

The laboratory is also equipped with a radiology unit that provides students with the necessary skills for radiographic imaging techniques before applying them to patients. In addition , there is an advanced digital imaging software, which allows the radiology images to be saved and analyzed through advanced software tools.

These unique simulation lab settings give students the best pre-clinical learning and training experience and provide them with the knowledge and skills that will allow them to start their clinical training with high confidence.

ويوجد نظام تواصل سمعي بصري متطور يعطي هذه المختبرات ميزة إضافية فقد تم تعيين المنصة المركزية للمشرف على التدريب وتصميمها للسماح بالكاميرا السقفية فضلا عن كاميرا داخل الفم لعرض تفاصيل الاجراءات الطبية للطلاب على شاشات معلقة على وحداتهم الفردية.

ويستطيع الطلاب بمساعدة سماعات الرأس الاتصال بالمشرف على التدريب دون الحاجة لترك مكان عملهم.

والمعمل أيضاً مزود بوحدة تصوير بالأشعة تكسب الطلاب المهارات اللازمة لتقنيات التصوير الشعاعي قبل تطبيقها على المرضى وبرمجيات التصوير الرقمي المتطور، والتي تسمح بحفظ صور الأشعة وتحليلها عن طريق أدوات برمجيات متقدمة.

تعطي هذه الأوضاع المميزة لمعامل المحاكاة الطالب أفضل تجربة للتعلم والتدريب ما قبل الاكلينيكي وتسليحهم بالمعرفة والمهارات التي من شأنها أن تسمح لهم ببدء تدريبهم الاكلينيكي بثقة عالية.





Dental Prosthodontics lab:

Each lab consists of 62 units, 60 modern equipped units for students, and two of them are for supervisors. Each unit consists of a light source, a hood, an air portal, a low-speed motor, a chair, and special drawers with a protected shutdown system. And each of these plants could be divided in the future into two laboratories to accommodate the equilibrium numbers.

In these labs, it is possible to implement many practical aspects for several academic courses, these courses include both of the following:

معمل الاستعاضة السنية:

كل معمل يتألف من ٦٢ وحدة، ٦٠ وحدة مجهزة تجهيز حديث خاصة بالطلاب، واثنين منها خاصة بالمشرفين. و كل وحدة تتكون من: مصدر ضوئي، شفاط، منفذ هوائي، موتور منخفض السرعة، كرسي، وأدراج خاصة مع نظام إغلاق محمي. و كل معمل من هذه المعامل يمكن تقسيمه في المستقبل إلى معملين لاستيعاب الأعداد المتزايدة من الطلاب.

في هذه المعامل يمكن تنفيذ العديد من الجوانب العملية لعدد من المقررات الدراسية، تشمل هذه المقررات كلاً مما يلي:

1-Dental anatomy: where students learn how to draw and sculpt teeth using wax cubes.

2-Dental materials (basic and advanced): where students learn how to deal with various dental materials (such as cements, printing materials, mineral mixtures, various fillings, and monomeric resin), which will be used in the future in several dental courses: Fixed prosthodontics, removable prosthodontics, restorative dentistry, and orthodontics.

3-Fixed prosthodontics: where students learn all the necessary steps to make fixed dental prosthodontics, such as: full metal crowns and bridges, metal-ceramic crowns and bridges, and full-ceramic crowns and bridges.

4-Removable prosthodontics: where students learn all the necessary steps to make removable prosthodontics such as: complete removable dentures and removable partial dentures.

5-Orthodontics: Where students learn how to deal with different types of wires needed to make simple mobile orthodontics.

1-تشريح الأسنان: حيث يتعلم الطلاب كيفية رسم ونحت الأسنان باستخدام مكعبات الشمع.

2-مواد طب الأسنان(الأساسية والمتقدمة): حيث يتعلم الطلاب كيفية التعامل مع مواد طب الأسنان المختلفة (مثل الاسمنتات، ومواد الطبع، الخلائط المعدنية، الحشوات المختلفة، والراتنج المونوميري)، التي سيتم استخدامها في المستقبل في عدة مقررات دراسية مثل: التعويضات السنية الثابتة، التركيبات السنية المتحركة، طب الأسنان الترميمي، وتقويم الأسنان.

3-التركيبات الثابتة: حيث يتعلم الطلاب كل الخطوات اللازمة لعمل تركيبات الأسنان الثابتة، مثل: التيجان والجسور المعدنية الكاملة، والتيجان والجسور الخزفية المعدنية، والتيجان والجسور الخزفية الكاملة.

4-التركيبات المتحركة: حيث يتعلم الطلاب جميع الخطوات اللازمة لصنع التعويضات السنية المتحركة مثل: أطقم الأسنان المتحركة الكاملة، وأطقم اسنان الجزئية المتحركة.

5-تقويم الأسنان: حيث يتعلم الطلاب كيفية التعامل مع أنواع مختلفة من الأسلاك اللازمة لصنع أجهزة التقويم المتحركة البسيطة.



The prosthodontics unit in the college has a CAD/CAM device from the German company Sirona. CAD / CAM technology is a technology in the field of dentistry and prosthodontics that is used to design prosthodontics with computer assistance to improve their design and construction, especially artificial teeth, including crowns, fixed bridges, veneers, dental implant restorations, dentures (fixed or removable) and orthodontic devices. The CAD / CAM technology complemented old techniques that were created to achieve comfort and simplicity for dental formula manufacturing processes, to increase the speed of design, and to make possible this type of operation that would otherwise be inapplicable.

This technique has also reduced costs for the industrial unit and making restorations and tools affordable, however, so far, CAD-CAM technology often takes extra time on the part of the dentist, and the fees are often at least twice as high as conventional dentures using a dental laboratory. CAD CAM is one of the highly efficient dental lab technologies.



وقد جهزت وحدة التركيبات في الكلية بجهاز CAD/CAM من شركة سيرونا الألمانية.

حيث أن تقنية الكاد كام CAD / CAM هي تقنية في مجال طب الأسنان و التركيبات تستخدم لتصميم التركيبات بمساعدة الكمبيوتر لتحسين تصميمها وإنشائها، خاصة الأسنان الصناعية، بما في ذلك التيجان، الجسور الثابتة ، قشرة الفينير، ترميمات زرع الأسنان ، أطقم الأسنان (الثابتة أو القابلة للإزالة) ، وأجهزة تقويم الأسنان. جاءت تقنية ال CAD / CAM مكتملة لتقنيات قديمة ابتكرت لتحقيق الراحة والبساطة لعمليات صناعة تركيبية الاسنان ولتزيد من سرعة التصميم، وجعل هذا النوع من العمليات ممكنة التي لولاها لكانت غير قابلة للتطبيق.

وتشمل الأهداف الأخرى لاستخدام هذه التقنية تخفيض لتكاليف الوحدة الصناعية وإجراء عمليات ترميم وأدوات يمكن تحمل تكاليفها، مع ذلك، حتى الآن، تقنية الكاد كام غالبا ما تستغرق وقتا إضافيا من جانب طبيب الأسنان، وغالبا ما تكون الرسوم على الأقل مرتين أعلى من التركيبات التقليدية التي تصنع باستخدام مختبر الاسنان . الكاد كام هو واحد من تقنيات مختبر الأسنان عالية الكفاءة.

Sterilization

The sterilization center in the College of Dentistry is one of the most important departments of the college. All tools used in the clinics are sterilized in the center after sorting, washing, disinfecting and packaging. The center is equipped with the latest equipment with a high operational capacity that meets the needs of the hospital, as per the international standards regarding the infrastructure of the center. The center employs a number of sterilization technicians who specialize in sterilization procedures and request of the infection control system according to the latest international standards

The center consists of three units:

- 1- Washing and disinfection unit
- 2- Sorting and packaging unit
- 3- Sterilization unit



التعقيم

يعتبر مركز التعقيم في كلية طب الأسنان من أهم أقسام الكلية ويتم في المركز تعقيم جميع الأدوات المستخدمة في العيادات وذلك بعد فرزها وغسلها وتطهيرها وتغليفها وقد تم تجهيز المركز بأحدث الأجهزة ذات قدرة تشغيلية عالية تلبى احتياجات المستشفى مع مراعاة المعايير العالمية في البنية التحتية للمركز. ويعمل بالمركز عدد من فنيي التعقيم المتخصصين في إجراءات التعقيم وتطبيق نظام مكافحة العدوى حسب أحدث المعايير العالمية.

ويتألف من ثلاث وحدات:

- ١- وحدة الغسيل والتطهير
- ٢- وحدة الفرز والتغليف
- ٣- وحدة التعقيم



The building contains dining halls and restaurants, as well as indoor and outdoor seating with natural lighting.

يحتوي المبنى على قاعات طعام ومطاعم كما يحتوي على جلسات داخلية وخارجية بإضاءة طبيعية.



تحتوي كلية طب الأسنان على غرف
لتغيير الملابس، ودواليب تخزين.

The College of Dentistry contains changing
rooms and storage cupboards.

ويشتمل المبنى على ستة مصاعد،
اثنان منها مخصصة للمرضى.

The Dental College building includes six
elevators, two of which are for patients.

كما يحتوي المبنى على مكاتب
إدارية حديثة التجهيز.

The building also contains modernly
equipped administrative offices.





جامعة دار العلوم
Dar Al Uloom University
لعلومِ توابك العصر



برنامج البكالوريوس في طب الأسنان BDS Program





جامعة دار العلوم
Dar Al Uloom University
لعلومِ نواكب العصر
كلية طب الأسنان
College of Dentistry

Program Vision:

Excellence in the fields of dentistry and building a knowledge society locally and regionally.

Program Mission:

Graduating skillful dentists and actively participating in community services and oral health research.

Program Objectives:

1. Development and improvement of the academic program according to the needs of the job market.
2. Qualifying students and graduates and promoting their scientific and professional skills.
3. Enhancing the scientific research according to the needs and requirements of the community.
4. Strengthening the community services.
5. Providing the highest level of patients' care in accordance with the most recent standards in oral health care.
6. Providing an attractive educational, academic and research environment.

رؤية البرنامج:

التميز في مجالات طب الأسنان وبناء مجتمع المعرفة محلياً وإقليمياً.

رسالة البرنامج:

تخريج أطباء أسنان مهرة و المشاركة الفاعلة في خدمة المجتمع و الأبحاث المتعلقة بصحة الفم و الأسنان.

أهداف البرنامج:

1. تطوير وتحسين البرنامج الأكاديمي وفقاً لاحتياجات سوق العمل
2. تأهيل الطلبة والخريجين وزيادة مهاراتهم علمياً ومهنياً.
3. تعزيز البحث العلمي وفقاً لاحتياجات وقضايا المجتمع.
4. تعزيز خدمة المجتمع.
5. تقديم أعلى مستوى من رعاية المرضى وفقاً لأحدث المعايير في مجال العناية بصحة الفم.
6. توفير بيئة تعليمية وأكاديمية وبحثية جاذبة.

Scientific Departments

الأقسام العلمية

The College of Dentistry at Dar Al Uloom University consists of three main scientific departments, namely:

تتكون كلية طب الأسنان بجامعة دار العلوم من ثلاثة أقسام علمية رئيسية وهي:

Restorative and Prosthetic Dental Sciences Department

This department includes several divisions, including the division of Oral and Maxillofacial Surgery, Oral Medicine, Oral Pathology, Oral and Maxillofacial Radiology, and Oral Biology. The department also supervises basic medical science courses taught by the College of Medicine.



قسم علوم إصلاح وتعويض الأسنان

ويشمل هذا القسم عدة شعب منها شعبة جراحة الفم والوجه والفكين وطب الفم وعلم أمراض الفم وأشعة الوجه والفكين وأحياء الفم ويشرف القسم أيضا على مقررات العلوم الطبية الأساسية والتي تدرس من قبل كلية الطب البشري

Surgical and Diagnostic Sciences Department

This department includes the division of Dental Restoration, Endodontics, Prosthodontics and Vital Dental Materials.



قسم العلوم الجراحية والتشخيصية

ويشمل هذا القسم شعبة إصلاح الأسنان وعلاج جذور الاسنان والتعويضات السنية ومواد طب الأسنان الحيوية

Dental Preventive Sciences Department

This department includes the division of Orthodontics, Periodontal Treatment and Surgery, Pediatric Dentistry and Community Dentistry.



قسم علوم وقاية الأسنان

ويشمل هذا القسم شعبة تقويم الأسنان وعلاج وجراحة اللثة وطب الاسنان الأطفال وطب اسنان المجتمع.

Admission Requirements for Bachelor (Undergraduate) Programs

First: Admission Requirements:

- ❖ General Secondary School Certificate (High School Diploma) with grade ratio of no less than 90% obtained within the last five years, or its equivalent from inside or outside the Kingdom of Saudi Arabia, provided it is equalized and certified by the Ministry of Education in the Kingdom of Saudi Arabia. The University Council may make an exception for some cases of more than five years.
- ❖ College Council may also accept applicants with grade ratio of no less than 85%.
- ❖ Score of no less than 70% in the General Aptitude Test (Quadrat Test) and the Achievement Test (Tahseeli Test). The College Council may also accept applicants who have a score of no less than 65% in the Achievement Test (Tahseeli Test), or its equivalent score in Standard Tests such as SAT1 and SAT2.
- ❖ Applicant must be medically fit.
- ❖ Approval from the employer if the applicant is working in government or private sector.
- ❖ Applicant must pass a personal interview performed by the college.
- ❖ Meeting any other requirements which are determined by the University Council during the admission period.

Second: Required Documents:

- ❖ Original and a stamped copy of the General Secondary School Certificate (Diploma of High School).
- ❖ Copy of the General Aptitude Test (Quadrat Test) result, and a copy of the Achievement Test (Tahseeli Test) result.
- ❖ Certified and stamped copy of official academic transcript and a stamped copy of course description/s for transferring students.
- ❖ Copy of the Saudi National Card for Saudis, and a copy of the passport or the residence permit (Iqamah) for Non-Saudis.
- ❖ Letter of approval from employer if the applicant is working in government or private sector.
- ❖ Two recent photos of applicant.
- ❖ Copy of medical fitness report form which can be found.

Third: Transfer and Course Equivalency:

- ❖ The College of Dentistry accepts students who want to transfer from other universities or colleges, provided they meet the following requirements:
- ❖ Transferring from a college or a university recognized by the Ministry of Education in the Kingdom of Saudi Arabia.
- ❖ Meeting all admission requirements related to the concerned program.
- ❖ No record of being dismissed for any disciplinary reasons by the university/ college the student is transferring from.
- ❖ Cumulative GPA of at least 3 out of 5 or 2.4 out of 4.
- ❖ Meeting all transfer requirements set by the Study and Examinations Bylaws for Bachelor's Program (Undergraduate Program) and its implementing rules at Dar Al Uloom University.
- ❖ Meeting all requirements for course equalization set by the Study and Examinations Bylaws for Bachelor's Program (Undergraduate Program) and its implementing rules at Dar Al Uloom University including the following:
 1. Student must have obtained a course grade determined by the College Council.
 2. Course specifications of equivalent course must cover at least 70 % of the course specifications of the equalized DAU course.
 3. Number of credit hours of equivalent course must be equal or greater than the number of credit hours of equalized DAU course.
 4. Total number of credit hours of equivalent courses must NOT exceed one third of the total number of the credit hours required to graduate from DAU. The university president may increase the percentage up to 40% of the total number of required credit hours based on the college council's recommendation.

شروط ومتطلبات القبول في برامج البكالوريوس

أولاً: شروط القبول:

- ❖ أن يكون المتقدم حاصلًا على شهادة الثانوية العامة أو ما يعادلها من داخل المملكة أو من خارجها بمعدل لا يقل عن ٩٠% ولمجلس الكلية استثناء بعض المتقدمين على ألا تقل درجة الثانوية عن ٨٥%.
- ❖ ألا يكون قد مضى على حصوله على شهادة الثانوية العامة أو ما يعادلها مدة تزيد على خمس سنوات ويجوز لمجلس الجامعة الاستثناء من ذلك.
- ❖ الحصول على درجات لا تقل عن ٧٠% في القدرات و ٧٠% في التحصيلي ويجوز لمجلس الكلية استثناء بعض المتقدمين على ألا تقل درجة التحصيلي عن ٦٥% أو ما يعادلها باختبار SAT1 و SAT2.
- ❖ أن يكون لائقًا صحياً للدراسة.
- ❖ موافقة جهة العمل في حال كان موظفاً في أي جهة حكومية أو خاصة.
- ❖ أن يجتاز المقابلة الشخصية.
- ❖ أن يستوفي أي شروط أخرى يحددها مجلس الجامعة وتعلن وقت التقديم.

ثانياً: الوثائق المطلوبة:

- ❖ أصل شهادة الثانوية العامة مع صورة منها.
- ❖ نسخة من نتيجة اختبار القدرات العامة ونسخة من نتيجة اختبار التحصيلي.
- ❖ نسخة من السجل الأكاديمي المعتمد ووصف المقررات مصدق للطلبة المحولين من جامعات أو كليات أخرى.
- ❖ صورة من الهوية الوطنية أو جواز السفر أو الإقامة.
- ❖ موافقة جهة العمل في حال كان موظفاً في أي جهة حكومية أو خاصة.
- ❖ صورتان شخصيتان.
- ❖ كشف اللياقة الصحية وللحصول على النموذج أنقر هنا.

ثالثاً: التحويل ومعادلة المقررات:

- ❖ يقبل في الجامعة الطلبة الراغبون في التحويل من جامعات أو كليات أخرى على أن تتوافر فيهم الشروط التالية:
- ❖ أن يكون الطالب قد درس في كلية أو جامعة معترف بها.
- ❖ أن تنطبق عليه شروط القبول في تخصصه.
- ❖ ألا يكون مفصولاً من الجامعة أو الكلية المحول منها لأسباب تأديبية.
- ❖ أن يكون معدله التراكمي لا يقل عن ٣ من ٥ أو ٢.٤ من ٤.
- ❖ أن تنطبق عليه شروط التحويل وفق لائحة الدراسة والاختبارات للمرحلة الجامعية وقواعدها التنفيذية بجامعة دار العلوم.
- ❖ أن تنطبق على المقررات التي سبق أن درسها والمطلوب معادلتها شروط معادلة المقررات وفق لائحة الدراسة والاختبارات للمرحلة الجامعية وقواعدها التنفيذية بجامعة دار العلوم ومنها ما يلي:
 ١. أن يكون الطالب حاصلًا على التقدير الذي يحدده مجلس الكلية.
 ٢. أن يكون وصف المقرر مطابقاً للمقرر المطلوب معادلته بنسبة لا تقل عن ٧٠% ويكون عدد ساعات المقرر المطلوب معادلته مساوياً أو يزيد عن عدد ساعات المقرر المطلوب المعادله.
 ٣. ألا يزيد مجموع عدد الساعات المعادلة عن ثلث عدد الساعات المطلوبة للتخرج من الجامعة، ولرئيس الجامعة أو من يفوض الموافقة على زيادة النسبة إلى ٤٠% بناءً على توصية مجلس الكلية.

Program Learning Outcomes

Knowledge and Understanding:

- K1 Describe the sound knowledge of the human body's anatomy, physiology and biochemistry related to dental specialty
- K2 Describe sound knowledge of the host defense mechanisms in relation to microbial diseases and other health hazards.
- K3 Outline basic fundamentals and theories of oral and maxillofacial pathology and diseases
- K4 State an understanding of the clinical and laboratory procedures related to the practice of dental specialty
- K5 Define sound knowledge of behavioral sciences, ethics, professionalism and communication methods in dentistry
- K6 Describe the basic principles of practice management in dentistry.
- K7 Define sound knowledge of research methodology in the field of dentistry.

Skills:

- S1 Diagnose common oral and para-oral diseases / conditions as well as malocclusion based on appropriate examination and investigations and on proper understanding of relevant principles and theories
- S2 Design treatment planning for oral and para-oral diseases / conditions and malocclusion based on proper application of problem solving, critical thinking and decision-making skills.
- S3 Implement patients' management strategies using evidence-based dentistry.
- S4 Design and write a sequential and comprehensive treatment plan required for comprehensive patient treatment
- S5 Identify the community oral health problem and design solutions to address them
- S6 Communicate effectively with patients, colleagues and be familiar with patient electronic management system
- S7 Operate basic statistical software for data analysis and the use of audio-visual communication technology for data presentation
- S8 Perform different basic clinical procedures related to different dental specialties following a safe practice protocol with good manual dexterity.
- S9 Perform different basic laboratory procedures related to different dental specialties following a safe practice protocol with good manual dexterity.
- S10 Operate different equipment related to different dental specialties that are part of basic dental treatments.

Values:

- V1 Appraise professionally with patients and colleagues and health care providers based on the ethics standards
- V2 Cooperate with all members of the profession in a team work approach
- V3 Exercise proficient self-management, motivation and planning

مخرجات تعلم البرنامج

المعرفة والفهم:

1. وصف المعرفة السليمة لتشريح جسم الإنسان وعلم وظائف الأعضاء والكيمياء الحيوية المتعلقة بتخصص الأسنان
2. وصف المعرفة السليمة بآليات دفاع العائل فيما يتعلق بالأمراض الجرثومية والمخاطر الصحية الأخرى.
3. تحديد الأساسيات والنظريات لأمراض وأمراض الفم والوجه والفكين
4. اذكر فهمًا للإجراءات السريرية والمخبرية المتعلقة بممارسة تخصص طب الأسنان
5. تحديد المعرفة السليمة بالعلوم السلوكية والأخلاق والمهنية وطرق الاتصال في طب الأسنان
6. وصف المبادئ الأساسية لإدارة الممارسة في طب الأسنان.
7. تحديد المعرفة السليمة لمنهجية البحث في مجال طب الأسنان.

المهارات:

1. تشخيص الأمراض / الحالات الشائعة في الفم وشبه الفم وكذلك سوء الإطباق بناءً على الفحص والتحقق المناسبة وعلى الفهم الصحيح للمبادئ والنظريات ذات الصلة
2. تصميم تخطيط العلاج لأمراض / حالات الفم وشبه الفم وسوء الإطباق بناءً على التطبيق السليم لحل المشكلات والتفكير النقدي ومهارات اتخاذ القرار.
3. تنفيذ استراتيجيات إدارة المرضى باستخدام طب الأسنان القائم على الأدلة.
4. تصميم وكتابة خطة علاج متسلسلة وشاملة مطلوبة للعلاج الشامل للمرضى
5. تحديد مشكلة صحة الفم لدى المجتمع وتصميم الحلول لمعالجتها
6. التواصل الفعال مع المرضى والزملاء والتعرف على نظام إدارة المريض الإلكتروني
7. تشغيل البرامج الإحصائية الأساسية لتحليل البيانات واستخدام تقنية الاتصال السمعي البصري لعرض البيانات
8. تنفيذ الإجراءات السريرية الأساسية المختلفة المتعلقة بتخصصات طب الأسنان المختلفة باتباع بروتوكول الممارسة الآمنة مع البراعة اليدوية الجيدة.
9. تنفيذ إجراءات معملية أساسية مختلفة تتعلق بتخصصات طب الأسنان المختلفة باتباع بروتوكول ممارسة آمنة مع مهارة يدوية جيدة.
10. تشغيل المعدات المختلفة المتعلقة بتخصصات طب الأسنان المختلفة والتي تعد جزءاً من علاجات الأسنان الأساسية.

القيم:

1. تقييم مهني مع المرضى والزملاء ومقدمي الرعاية الصحية بناءً على المعايير الأخلاقية
2. التعاون مع جميع أعضاء المهنة في نهج العمل الجماعي
3. ممارسة الكفاءة في الإدارة الذاتية والتحفيز والتخطيط

Study Plan

الخطة الدراسية



The plan of the College of Dentistry ranges from the general university preparation program to the pre-clinical stage and then to the clinical stage. The total number of credit hours is (195). The following specializations in the field of dentistry are taught in the college:

(Removable prosthodontics - fixed prosthodontics - dental repair - root and nerve treatment - dental materials - anatomy and occlusion - orthodontics - pediatric dentistry - periodontal treatment - community dentistry - oral biology - oral diseases - microbiology - x-rays Maxillofacial - Oral Medicine - Oral and Maxillofacial Surgery).

The distribution of credit hours in the dental courses is as follows:

- ❖ Each “theoretical” credit hour is equal to 1 contact hour.
- ❖ Each “practical” credit hour is equal to 2.5 contact hours.
- ❖ Each “clinical” hour is equal to 3 contact hours.

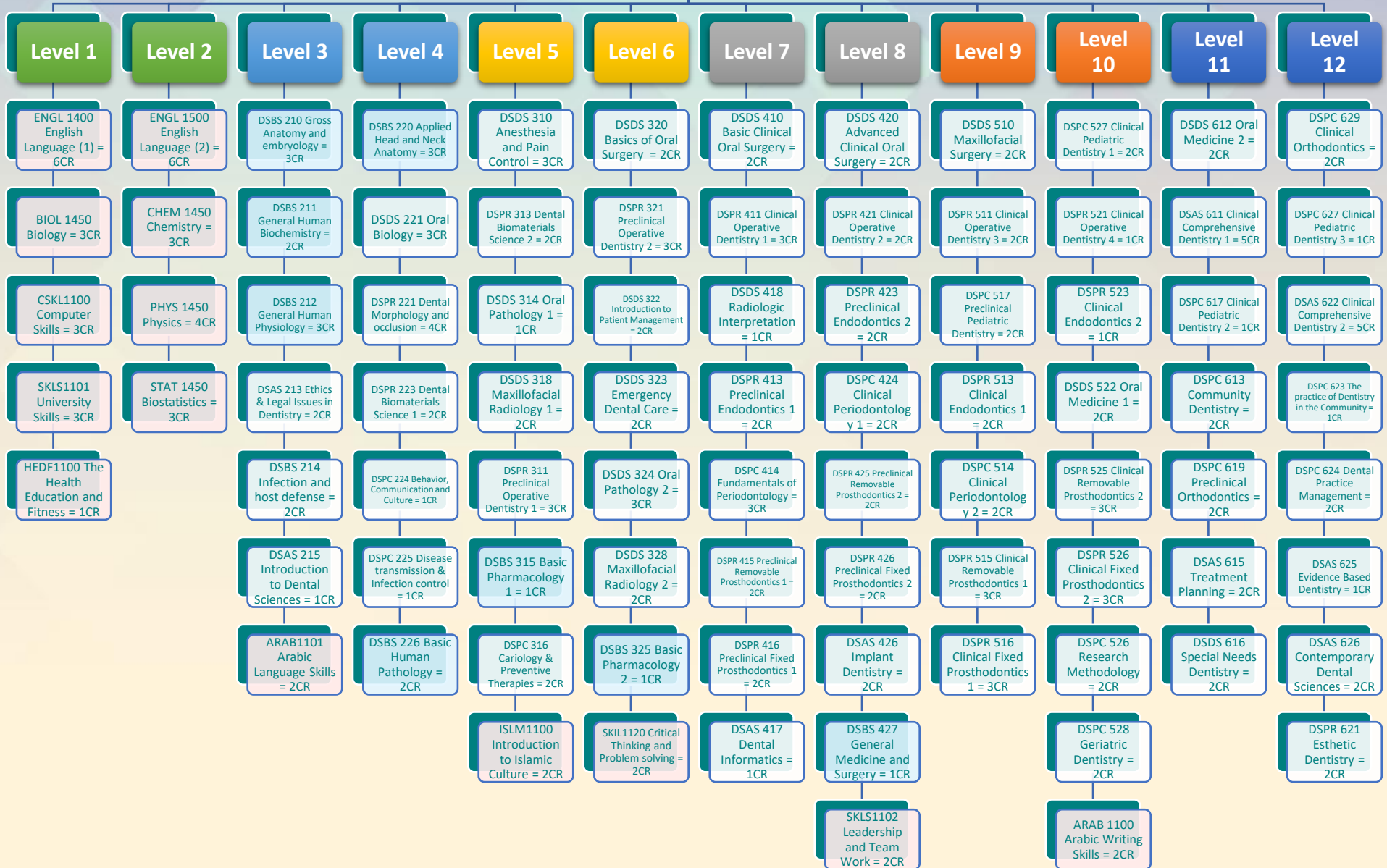
تتدرج خطة كلية طب الأسنان من برنامج الإعداد العام الجامعي إلى المرحلة ما قبل الإكلينيكية ثم المرحلة الإكلينيكية، بمجموع عدد ساعات “ ١٩٥ ” ساعة دراسية، وتدرس التخصصات التالية في مجال طب الأسنان:

(الاستعاضة السنية المتحركة – الاستعاضة السنية الثابتة – إصلاح الأسنان – علاج الجذور و عصب الأسنان – مواد الأسنان – تشريح و إطباق الأسنان – تقويم الأسنان – طب أسنان الأطفال – علاج اللثة – طب أسنان المجتمع – أحياء الفم – أمراض الفم – الأحياء الدقيقة – أشعة الوجه و الفكين – طب الفم – جراحة الوجه و الفكين)

حيث أنه في مقررات طب الأسنان:

- ❖ كل ساعة ساعة دراسية “ نظري ” تعادل ١ ساعة تواصل.
- ❖ كل ساعة ساعة دراسية “ عملي ” تعادل ٢.٥ ساعة تواصل.
- ❖ كل ساعة ساعة دراسية “ عيادة ” تعادل ٣ ساعة تواصل.

College of Dentistry Curriculum



Level 1

Code	Course name	CRH	Pre-requisites	Type of Requirements
ENGL 1400	English Language (1)	6	None	Institutional
BIOL 1450	Biology	3	None	Institutional
CSKL1100	Computer Skills	3	None	Institutional
SKLS1101	University Skills	3	None	Institutional
HEDF1100	The Health Education and Fitness	1	None	Institutional
Total		16		

Level 2

Code	Course name	CRH	Pre-requisites	Type of Requirements
ENGL 1500	English Language (2)	6	ENGL1400	Institutional
CHEM 1450	Chemistry	3	None	Institutional
PHYS 1450	Physics	4	None	Institutional
STAT 1450	Biostatistics	3	None	Institutional
Total		16		

Level 3				
Code	Course name	CRH	Pre-requisites	Type of Requirements
DSBS 210	Gross Anatomy and embryology	3	CSKL1100 BIOL1450 ENGL1400 HEDF1100 CHEM1450 PHYS1450 STAT1450 ENGL1500	Program
DSBS 211	General Human Biochemistry	2	BIOL1450 CSKL1100 SKLS1101 ENGL1400 HEDF1100 CHEM1450 PHYS1450 STAT1450 ENGL1500	Program
DSBS 212	General Human Physiology	3	BIOL1450 CSKL1100 SKLS1101 ENGL1400 PHYS1450 CHEM1450 HEDF1100 STAT1450 ENGL1500	Program
DSAS 213	Ethics & Legal Issues in Dentistry	2	BIOL1450 CSKL1100 ENGL1400 CHEM1450 PHYS1450 STAT1450 ENGL1500	Program
DSBS 214	Infection and host defense	2	BIOL1450 CSKL1100 ENGL1400 HEDF1100 CHEM1450 PHYS1450 STAT1450 ENGL1500	Program
DSAS 215	Introduction to Dental Sciences	1	BIOL1450 CSKL1100 ENGL1400 HEDF1100 CHEM1450 PHYS1450 STAT1450 ENGL1500	Program
ARAB1101	Arabic Language Skills	2	None	Institutional
	Total	15		

Level 4

Code	Course name	CRH	Pre-requisites	Type of Requirements
DSBS 220	Applied Head and Neck Anatomy	3	DSBS210	Program
DSDS 221	Oral Biology	3	DSBS210 DSAS215	Program
DSPR 221	Dental Morphology and occlusion	4	DSBS210 DSAS215	Program
DSPR 223	Dental Biomaterials Science 1	2	DSAS215	Program
DSPC 224	Behavior, Communication and Culture	1	DSAS215 DSAS213	Program
DSPC 225	Disease transmission & Infection control	1	DSBS214 DSBS210 DSBS212	Program
DSBS 226	Basic Human Pathology	2	DSBS210 DSBS214 DSBS212	Program
Total		16		

Level 5

Code	Course name	CRH	Pre-requisites	Type of Requirements
DSDS 310	Anesthesia and Pain Control	3	DSPR221 DSDS221 DSBS220	Program
DSPR 311	Preclinical Operative Dentistry 1	3	DSPR221 DSDS221 DSPR223	Program
DSPR 313	Dental Biomaterials Science 2	2	DSPR223	Program
DSDS 314	Oral Pathology 1	1	DSBS226 DSDS221 DSBS220 DSPC225	Program
DSBS 315	Basic Pharmacology 1	1	DSBS226 DSPC225 DSBS211 DSBS212	Program
DSPC 316	Cariology & Preventive Therapies	2	DSDS221 DSPR223	Program
DSDS 318	Maxillofacial Radiology 1	2	DSPR221 DSDS221 DSBS220	Program
ISLM1100	Introduction to Islamic Culture	2	None	Institutional
DSDS 314	Oral Pathology 1	1	DSBS226 DSDS221 DSBS220 DSPC225	Program
Total		16		

Level 6

Code	Course name	CRH	Pre-requisites	Type of Requirements
DSDS 320	Basics of Oral Surgery	2	DSDS310 DSDS318 DSBS315	Program
DSPR 321	Preclinical Operative Dentistry 2	3	DSPR311 DSDS318 DSPR313	Program
DSDS 322	Introduction to Patient Management	2	DSDS310 DSBS315 DSPC224 DSDS318 DSDS314 DSPC316	Program
DSDS 323	Emergency Dental Care	2	DSDS310 DSDS314 DSBS315	Program
DSDS 324	Oral Pathology 2	3	DSDS314 DSDS318	Program
DSBS 325	Basic Pharmacology 2	1	DSBS315	Program
DSDS 328	Maxillofacial Radiology 2	2	DSDS318	Program
SKIL1120	Critical Thinking and Problem solving	2	SKLS1101	Institutional
Total		17		

Level 7

Code	Course name	CRH	Pre-requisites	Type of Requirements
DSDS 410	Basic Clinical Oral Surgery	2	DSDS320 DSDS322 DSDS323 DSDS328 DSBS325 DSDS324	Program
DSPR 411	Clinical Operative Dentistry 1	3	DSPR321 DSDS322 DSDS323 DSDS328 DSBS325 DSDS324 DSPC316	Program
DSPR 413	Preclinical Endodontics 1	2	DSPR321	Program
DSPC 414	Fundamentals of Periodontology	3	DSDS221 DSDS322 DSDS328 DSBS325	Program
DSPR 415	Preclinical Removable Prosthodontics 1	2	DSDS221 DSPR321	Program
DSPR 416	Preclinical Fixed Prosthodontics 1	2	DSDS221 DSPR321 DSDS328	Program
DSAS 417	Dental Informatics	1	DSDS322 DSPR321 DSDS328	Program
DSDS 418	Radiologic Interpretation	1	DSDS324 DSDS328	Program
Total		16		

Level 8

Code	Course name	CRH	Pre-requisites	Type of Requirements
DSDS 420	Advanced Clinical Oral Surgery	2	DSDS410 DSPC414 DSDS418	Program
DSPR 421	Clinical Operative Dentistry 2	2	DSPR411 DSDS418 DSDS410	Program
DSPR 423	Preclinical Endodontics 2	2	DSPR413 DSDS418	Program
DSPC 424	Clinical Periodontology 1	2	DSPC414 DSDS418 DSDS410	Program
DSPR 425	Preclinical Removable Prosthodontics 2	2	DSPR415 DSPR416 DSPC414	Program
DSPR 426	Preclinical Fixed Prosthodontics 2	2	DSPR416 DSPC414	Program
DSAS 426	Implant Dentistry	2	DSDS410 DSPC414 DSPR415 DSPR416 DSDS418	Program
DSBS 427	General Medicine and Surgery	1	DSBS220 DSBS226 DSDS322 DSDS410	Program
SKLS1102	Leadership and Team Work	2	SKIL1120	Institutional
Total		17		

Level 9				
Code	Course name	CRH	Pre-requisites	Type of Requirements
DSDS 510	Maxillofacial Surgery	2	DSDS420 DSBS427 DSAS426 DSPC424 DSBS325	Program
DSPR 511	Clinical Operative Dentistry 3	2	DSPR421 DSPC424 DSBS325	Program
DSPR 513	Clinical Endodontics 1	2	DSPR423 DSPR421 DSPC424 DSDS420 DSBS325	Program
DSPC 514	Clinical Periodontology 2	2	DSPC424 DSDS420 DSAS426 DSBS325	Program
DSPR 515	Clinical Removable Prosthodontics 1	3	DSPR425 DSDS420 DSPC424 DSBS325	Program
DSPR 516	Clinical Fixed Prosthodontics 1	3	DSPR426 DSDS420 DSPC424 DSBS325	Program
DSPC 517	Preclinical Pediatric Dentistry	2	DSAS426 DSPR426 DSPR425 DSPR421 DSBS427 DSPC424 DSPR423 DSDS420 DSBS325	Program
Total		16		

Level 10

Code	Course name	CRH	Pre-requisites	Type of Requirements
DSPR 521	Clinical Operative Dentistry 4	1	DSPR511 DSPR513	Program
DSDS 522	Oral Medicine 1	2	DSDS418 DSBS325 DSDS510	Program
DSPR 523	Clinical Endodontics 2	1	DSPR513 DSPR511	Program
DSPR 525	Clinical Removable Prosthodontics 2	3	DSPR516 DSPC514 DSPR515	Program
DSPR 526	Clinical Fixed Prosthodontics 2	3	DSPR516 DSPC514	Program
DSPC 526	Research Methodology	2	DSAS215 DSPC517	Program
DSPC 527	Clinical Pediatric Dentistry 1	2	DSPC517 DSPR513 DSDS510 DSBS325	Program
DSPC 528	Geriatric Dentistry	2	DSDS322 DSDS510 DSPR515 DSPC514 DSPC224 DSPR511 DSBS325	Program
ARAB 1100	Arabic Writing Skills	2	ARAB1101	Institutional
Total		18		

Level 11

Code	Course name	CRH	Pre-requisites	Type of Requirements
DSAS 611	Clinical Comprehensive Dentistry 1	5	DSDS510 DSPC528 DSPR521 DSPR523 DSDS522 DSPR525 DSPR526	Program
DSDS 612	Oral Medicine 2	2	DSDS522 DSPC528	Program
DSPC 613	Community Dentistry	2	DSPC526 DSPC527 DSPC528	Program
DSAS 615	Treatment Planning	2	DSPR521 DSPR525 DSDS522 DSPR523 DSPC527 DSPR526	Program
DSDS 616	Special Needs Dentistry	2	DSPC527 DSDS522 DSPC528	Program
DSPC 617	Clinical Pediatric Dentistry 2	1	DSPC527 DSDS522	Program
DSPC 619	Preclinical Orthodontics	2	DSPC527	Program
	Total	16		

Level 12

Code	Course name	CRH	Pre-requisites	Type of Requirements
DSPR 621	Esthetic Dentistry	2	DSPR521 DSAS615	Program
DSAS 622	Clinical Comprehensive Dentistry 2	5	DSAS611 DSAS615 DSDS612	Program
DSPC 623	The practice of Dentistry in the Community	1	DSAS611 DSPC613 DSDS616 DSPC617	Program
DSPC 624	Dental Practice Management	2	DSAS417 DSPC613	Program
DSAS 625	Evidence Based Dentistry	1	DSPC526 DSAS615	Program
DSAS 626	Contemporary Dental Sciences	2	DSDS616 DSAS615	Program
DSPC 627	Clinical Pediatric Dentistry 3	1	DSPC617 DSPC619	Program
DSPC 629	Clinical Orthodontics	2	DSPC619 DSAS615	Program
Total		16		

Course Description for the Bachelor of Dentistry Program

توصيف المقررات الدراسية لبرنامج في طب الأسنان البكالوريوس

Course Code: ENGL 1400

Course Name: English Language (1)

Course Description:

This course serves as a foundation English course for students in the Medical, Dentistry, and Nursing Colleges aiming for a CEFR B1 level. The course focuses on communicative interaction offering students greater exposure to authentic texts to improve proficiency in all four-language skills. Upon successful completion, students will progress to ENGL1500.

Course Code: BIOL 1450

Course Name: Biology

Course Description:

Biology course introduces studying general cell biology and its structure and function, molecular study of nucleic acids, basis of genetics and endocrine system in human body.

Course Code: CSKL1100

Course Name: Computer Skills

Course Description:

- The course uses both lectures and practical application to introduce students to the basic computer concepts in hardware, software, networking, computer security, databases, and websites.
- Applications widely used to include word processing, spreadsheets, databases and presentation, are studied.
- The course will also help students develop critical thinking skills as well as learning terminology and problem-solving techniques to solve IT problems. The course will focus on performing tasks that simulate practical and professional situations.

Course Code: SKLS1101

Course Name: University Skills

Course Description:

يهدف مقرر المهارات الجامعية إلى تعليم الطلبة المهارات الأساسية التي يتوجب على الطالب الجامعي معرفتها لكل التخصصات كما يتعلم الطالب بهذا المقرر كيفية طرق الاستذكار الفعال وكيفية عمل خريطة معرفية للمعلومات والمهارات بالإضافة لتعليم مهارات البحث العلمي ومهارات التفكير البسيط والمركب فنجده الطالب في نهاية الفصل الدراسي أصبح يتقن عدد كبير من المهارات التي تساعد على إنهاء مرحلته الجامعية والتهيئة لاستقبال سوق العمل.

Course Code: HEDF1100

Course Name: The Health Education and Fitness

Course Description:

يتضمن المقرر المفاهيم والمبادئ الأساسية لمعلومات صحية وبدنية، وما يرتبط منها من مهارات تتعلق بالصحة الشخصية والغذائية والبدنية والوقائية والنفسية والانجابية والاسعافات الأولية، مع التركيز على المواقف الحياتية بهدف إثارة دافعية الطلاب وتشويقهم لعملية التعلم من خلال الإطار العام للمقرر، ومعايير وضوابطه. ومن الناحية العملية: يتضمن عناصر اللياقة البدنية المرتبطة بالصحة وكيفية قياسها وتنميتها، وأهمية ممارسة التمرينات البدنية للحفاظ على الصحة باستخدام الأجهزة الحديثة. وممارسة الأنشطة الرياضية المختلفة مثل كرة القدم، تنس الطاولة، كرة السلة، كرة الطائرة، والسباحة.

Course Code: ENGL 1500

Course Name: English Language (2)

Course Description:

This integrated English course aims to further strengthen medical students' grasp of a wide range of basic medical terminology, and help them solidify their competence in the four language skills writing, reading, listening & speaking, leading them to achieve the CEFR intermediate proficiency (B1) level. The cultivation of study skills, critical thinking, and the development of autonomous learning integrated in the course are key academic skills that will empower them to continue to function as independent learners.

Course Code: CHEM 1450

Course Name: Chemistry

Course Description:

The course presents different topics of organic chemistry including hydrocarbons, their composition, classification, chemical bonding, and physical properties. It also concerns with aromaticity, Hybridization, Isomerism, functional groups, naming of organic compounds, and many important organic reactions.

It also highlights the principals of biochemistry such as the structure of carbohydrates, proteins and nucleic acids, and it discusses their general classification and reactions.

Course Code: PHYS 1450

Course Name: Physics

Course Description:

1. This course introduces students to a physical description of living systems. The concepts of force, energy, oscillations, waves, and image formation are presented, with a view to their relevance for living systems, especially in the human body.
2. The concepts and quantitative methods of physics are employed to understand the workings of the human ear, the human eye, and human metabolism.
3. The concepts and quantitative methods of wave motion and image formation are specifically applied to medical imaging techniques (e.g., ultrasound sonography, X-ray imaging, and CT-, PET-, and MRI-scans), to learn of their strengths, weaknesses, and ranges of applicability.

Course Code: STAT 1450

Course Name: Biostatistics

Course Description:

This course is designed to prepare students for medical health specialties. Descriptive Statistics, Quantitative and Qualitative data, Graphic presentation. Measures of central tendency, measures of dispersion. Probability rules, Conditional Probability - specificity, sensitivity and Bayes' rule, Predictive value positive and negative- pdf, Binomial distribution. Poisson distribution. Normal distribution- Sampling for mean and proportion-Confidence intervals of one and two population means and proportions. Tests of Hypothesis about means and proportions and paired data.

Course Code: DSBS 210

Course Name: Gross Anatomy and embryology

Course Description:

This course aims at giving students in dentistry a useful foundation in basic gross anatomy and embryology upon which they will be able to build the further knowledge they will learn in later years so as to make them better practitioners for tomorrow. The course also aims at introducing the students to new and advanced learning styles through group discussions, presentations, increased reliance on self-learning, and writing assignments.

Course Code: DSBS 211

Course Name: General Human Biochemistry

Course Description:

This course is dealing with structure and properties of biomolecules, such as amino acids, proteins, carbohydrates, lipids and nucleic acids and their pathways inside the body.

Course Code: DSBS 212

Course Name: General Human Physiology

Course Description:

This course is dealing with general human physiology and normal functioning of the different systems of the body and their mechanisms.

Course Code: DSAS 213

Course Name: Ethics & Legal Issues in Dentistry

Course Description:

Ethics are moral principles that govern a person's behavior or the conducting of an activity. Dental Ethics are a system of principles governing dental practice; a moral obligation to render the best possible quality of dental service to the patient and to maintain an honest relationship with other members of the profession and society. The aims of this dental ethics course for students to heighten their ethical and professional responsibility, to promote their ethical conduct and professionalism in dentistry, to have advanced dialogue on ethical issues, and to stimulate reflection on common ethical problems in dental practice.

The duration of the course is 15 weeks. This course consists of classroom lectures, classroom activities such as lecture topic discussion, case study discussion, role play and assignments, given to students to complete.

Course Code: DSBS 214

Course Name: Infection and host defense

Course Description:

Host defense and infection is one of the essential and basic courses in the medical curriculum. It is briefly taught as a semester course and has further integration with infection control in dental surgery. This subject has greater emphasis on the infectious diseases and pathogens associated with dental practice. Numerous pathogens have been identified causing dental infections in the last decade alone. The diagnosis and treatment of these pathogens is vital in the management of dental infectious diseases. These pathogens can also easily be transmitted from dental practitioners to patients and vice versa. This course will provide students with the sound academic and practical background knowledge of all the clinically relevant pathogens before they progress towards the infection control course in dental practice. This course will start with the basic classification and background of all microbial pathogens, and it will then describe each class of pathogens separately. It will then move on to the basic concepts of immunology followed by the bacterial, viral, and fungal pathogenesis and how they replicate. The lectures will then focus on bacterial, viral and fungal pathogens with special emphasis on oral microbiology. The students will also get acclimatized to the laboratory environment and will learn the usage of microscope and perform basic procedures such as gram stains. The students will also be able to identify the basic structure of bacterial and fungal pathogens under the microscope, especially those related to oral flora and oral infections.

At the end of this course the students should have the understanding of the following

- Basic concepts of microorganisms
- Classification of bacterial pathogens
- Bacterial and viral pathogenesis
- Basic concepts of Immunology
- Knowledge of clinically relevant oral pathogens
- Microbial Flora with special emphasis on oral flora
- Concept of vaccination

Course Code: DSAS 215

Course Name: Introduction to Dental Sciences

Course Description:

This course introduces the student to the various specialties in dentistry. The course gradually exposes the student to various streams in the field of dentistry with each subject presented by specialist from the same field. It includes introduction to restorative dental science, prosthodontics, orthodontics, oral surgery, endodontics, periodontics, pediatric dentistry and all related specialties.

Course Code: ARAB1101

Course Name: Arabic Language Skills

Course Description:

يتكون هذا المقرر من أربع وحدات: الوحدة الأولى (علامات الإعراب الأصلية والفرعية)، الوحدة الثانية (الجملة الفعلية، واسم الفاعل، واسم المفعول، والمصدر)، الوحدة الثالثة (المبتدأ والخبر، إن وأخواتها، كاد وأخواتها، ظن وأخواتها)، والوحدة الرابعة (المفعول به، والمفعول المطلق، والمفعول لأجله، والحال، والتمييز).

Course Code: DSBS 220

Course Name: Applied Head and Neck Anatomy

Course Description:

Education remains the major tool for the community development, investment in human resources through different form of education, promote predictability and ensure higher performance.

The discipline of anatomy has a pivotal influence on the history of medicine as it serve as almost as the language of medicine. Teaching anatomy is widely recognized as a corner stone in the education pf physician.

Anatomy is essential for all dentist who perform an invasive procedure on the patient. Carries out emergency procedure, examine radiological imaging, perform physical examination on a patient, refers to another doctors. Or explain procedure to a patient.

The applied head and neck anatomy course is aim at giving the college of dentistry students at Dar Al Uloom university detailed information regarding the structures present in the head and neck region the course compromised of integrated lectures and laboratory sessions. The course also aims to introduce students to various important structures related to the cranio-facial region that might influence oral structures including teeth. The neuroanatomy, Related embryology, blood supply and muscles related to the region are studied in details in this course.

Course Code: DSDS 221

Course Name: Oral Biology

Course Description:

This course is provided by the "Surgical and Diagnostic Sciences" department during the second semester of the second year of the BDS program. It is a 3 credit hours course, consisting of two main components: didactic and practical.

This course teaches students about the structure and cellular features of oral tissues. Teeth development and different stages involved in the tooth formation. Structure and function of different oral tissues will be studied. More emphasis will be given to the salivary glands and their structure and function and oral mucosal tissues, temporomandibular joint and bone.

Course Code: DSPR 221

Course Name: Dental Morphology and occlusion

Course Description:

Dental Morphology & Occlusion is a branch of dentistry that provides one of the basic components of skills needed to practice all aspects of dentistry. The course will stress on nomenclature and morphological concepts of the teeth. It introduces the students to the morphology and anatomy of each permanent teeth within the oral cavity, the inter-arch and intra-arch relationship between the teeth, the morphology and anatomy of TMJ and muscles of mastication and replicating the anatomy of individual teeth in wax for future application to fixed prosthetics and restorations. In addition to the development of occlusion.

This course is a continuous course that focuses on theoretical knowledge of the anatomy of teeth and related structures. The practical sessions focus on drawing and carving of teeth on wax blocks.

These skills are important to future practice of dentistry especially in diagnosis and in placement of direct and indirect restorations."

Course Code: DSPR 223

Course Name: Dental Biomaterials Science 1

Course Description:

This course is provided by the “Restorative and Prosthetic Dental Sciences” department during the second semester of the second year of the BDS program. It is a 2 credit hours course, consisting of two main components: lectures and practical.

This course introduces the basis of Dental Biomaterials to students, facilitates the study of the materials, physical and chemical properties that are related to selection of these products by the students in their future clinical work. Also, it describes the basic understanding of the theoretical and material principles of materials used in the field of dentistry.

This course allows students to demonstrate clear understanding of what dental materials are?, what the different types of properties to understand the dental materials, carry out basic mixing and setting of gypsum to get ready for future laboratory work, Recognize the advancements in the field of dental materials and how they can be used in their future clinical practice.

Course Code: DSPC 224

Course Name: Behavior, Communication and Culture

Course Description:

This course deals with the behavior of societies their cultures, and processes which can affect specific behaviors. The course will address the behavioral aspects in dentistry, and particular emphasis will be placed on understanding human behavior especially in patient management and the ethical responsibility inherent within the scope of the dental profession. Selected concepts from the psychological and social sciences are presented in a behavioral frame of reference and applied to the consideration of specific problems.

Course Code: DSPC 225

Course Name: Disease transmission & Infection control

Course Description:

This course accustoms the student about the spread of infection and cross contamination. The various modes of transmission of disease as well as means of controlling shall be discussed. The students develop the concept of universal precaution for infection control meaning 'considering every patient as infectious. The module will help young professionals to gain an overview of the key elements of infection control, understand how infections might occur and how good practice can reduce their likelihood and prevent their spread.

Course Code: DSBS 226

Course Name: Basic Human Pathology

Course Description:

This course explains the cause and the manifestations of diseases that affect the human body and are of relevance to dentistry.

Course Code: DSDS 310

Course Name: Anesthesia and Pain Control

Course Description:

This course is a fundamental basis of local anesthesia that is essential for practicing pain control in dentistry.

All aspects of local anesthesia are explored from pharmacology to anatomy and how to manage dental patients requiring local anesthesia.

Practical sessions: As with any hands-on training course, the student will be trained with competency, and ultimately proficiency, in the administration of local anesthesia by practicing anesthesia technique on simulation models. Thus, students will be well trained on how to administer local anesthesia when they move to their clinics in higher academic levels.

By the end of this course, the students should be able to:

1. Possess basic knowledge about anatomy of head and neck including cranial nerves and its clinical implications.
2. Understand the basic mechanism of how local anesthesia works.
3. Describe the different techniques of LA injection for maxillary and mandibular teeth.
4. Choose the appropriate LA technique for effective pain control.
5. Possess the knowledge about the systemic and local complications of local anesthesia.

Course Code: DSPR 313

Course Name: Dental Biomaterials Science 2

Course Description:

This course is provided by the “Restorative and Prosthetic Dental Sciences” department during the second semester of the second year of the BDS program. It is a 2 credit hours course, consisting of two main components: lectures and practical.

This course is an advancement on the previous Dental Biomaterials 1 course, facilitates and focuses more on the study of the materials mainly used in the clinics. Manipulation, indications, contraindications of different Dental materials clinically. Also, it describes the basic understanding of the theoretical and material principles of materials used in the field of dentistry.

This course allows students to demonstrate clear understanding of what the basic dental materials used in the clinics. What are the manipulation rules for Dental Amalgam, Dental Composites and Dental Cements, How the materials should be used in a clinical environment.

Course Code: DSDS 314

Course Name: Oral Pathology 1

Course Description:

This course provides the students with basic knowledge related to the nature and identification of the disease process relevant to dentistry. The basic cell and tissue response to disease processes are covered. It also deals with the concepts of pathogenesis, morphologic changes and functional consequences of the pathologic processes. Gross and microscopic features of various pathologic conditions of organ systems, are covered in this course such as, developmental defects, oral infections, pulp & periapical pathoses, salivary gland disease & pigmented lesions of oral & para oral regions. The course also covers forensic odontology, which is concerned with introduction, scope & various tools of identification of dental evidence in criminal or civil legal proceedings in the interest of justice.

Course Code: DSDS 318

Course Name: Maxillofacial Radiology 1

Course Description:

This course provides students with basics of dental imaging and radiographic anatomy, which helps in diagnosis and treatment planning. This course is considered as an introductory course that covers radiation physics, processing of dental radiographic films, image characteristics, radiographic techniques, radiation biological effects and protection. The course will help students to understand and interpret the normal and abnormal structures on radiographs. Hands on X-ray machine will be demonstrated to further enhance the concepts of the students.

It is a 2-credit hour course, consisting of two main components, didactic and practical.

Course Code: DSPR 311

Course Name: Preclinical Operative Dentistry 1

Course Description:

This course is provided by the “Restorative and Prosthetic Dental Sciences” department during the first semester of the third year of the BDS program. It is a 3 credit hours course, consisting of two main components: didactic and practical.

The didactic component introduces the students to restorative armamentarium, principles of cavity preparation, as well as restorative procedures using the currently available restorative materials. The practical component intends to introduce the students to the pre-clinical setting and is conducted in the dental and phantom head laboratories. During the practical sessions, the students will apply their acquired knowledge on different types of cavity preparations and restorative procedures on ivory teeth. This practical component is particularly important in training the students for correct dental ergonomics, usage of dental armamentarium and in manipulation of different restorative materials.

This course provides the students with the correct foundation for operative dentistry, basic clinical skills and clinical judgment, as well as prepares the students for the dental clinical settings.

Course Code: DSBS 315

Course Name: Basic Pharmacology 1

Course Description:

The study of pharmacology today is actually the study of medicine of tomorrow.”

Human pharmacology is the science of effects of drugs on humans, and serves as the foundation of modern medicine. As a discipline, it connects science, medicine, and health, and creates a framework for understanding how the human body adapts to the effects of drugs in stresses and disease. Human pharmacology is closely related to Physiology, Physiology is the study of function, and Pharmacology is a study of drug actions, there is an intrinsic link between action and function. The study of human pharmacology integrates knowledge across many levels, including biochemistry, cell physiology, organ systems, and the body as a whole. Contemporary research in human pharmacology explores new ways to maintain or improve the quality of life, development of new medical therapies and interventions, and charting the unanswered questions about how the human body works.

The majority of our students aspire to be professionals in Dentistry. We provide a rigorous but flexible undergraduate curriculum and an engaging learning environment to help our students reach their goals. We believe that the value of a degree in human pharmacology is that it prepares students to be critical thinkers who can come to independent rational conclusions regarding their own personal health and who can use the guiding principles of scientific thinking and inquiry as a model for understanding the world around them. We think our students graduate with the best education available in the field of human pharmacology, and that they are well prepared for future learning opportunities. The department offers a well-designed and comprehensive program to the aspiring dentists.

Course Code: DSPC 316

Course Name: Cariology & Preventive Therapies

Course Description:

This course is designed to bring students to the current knowledge in dental caries, classification of dental caries, etiology of dental caries, microbiology of dental caries, epidemiology of dental caries, saliva and dental caries, dental plaque, diet nutrition and dental caries. It introduces students to different methods of caries diagnosis and treatment. The course outlines the preventive strategies to avoid dental caries and discusses the principles of health promotion in terms of caries prevention.

Course Code: ISLM1100

Course Name: Introduction to Islamic Culture

Course Description:

يتناول هذا المقرر التعريف بالثقافة الإسلامية، ومصادرها، وخصائصها، وبالعقيدة الإسلامية، وأركانها، ونواقيصها.

Course Code: DSDS 320

Course Name: Basics of Oral Surgery

Course Description:

This course is intended to cover the basic principles of clinical oral surgery and exodontia, dentoalveolar complications and different maxillofacial pathological conditions, principles of some surgical procedures and medically compromised patients.

In addition, the course aims at elimination of disease, prevention of disease, removal of damaged or redundant tissue, improvement of function and esthetics.

Course Code: DSPR 321

Course Name: Preclinical Operative Dentistry 2

Course Description:

This is the second preclinical restorative dentistry course. This course is provided by the "Restorative and prosthetic Dental Science" department in level 6 of BDS program. It is a 3 credit hours course, consisting of two main components: didactic and practical.

On the didactic part of the course, the students will gain full understanding of the carious process and describe the methods of diagnosis and management of the early carious process. Students will also learn correct manipulation and restorative procedures of direct and indirect esthetic restorations. They will also manage more complicated restorative cases, such as the management of deep carious lesions, pulpal protection, and restoration of badly destructed teeth. On the practical part of the course, the students will apply this information on preparing and restoring acrylic teeth in the phantom head laboratory settings. This course also puts emphasis on the techniques for placement more complex amalgam restorations as well as of direct anterior and posterior esthetic restorations.

Course Code: DSDS 322

Course Name: Introduction to Patient Management

Course Description:

This is the first clinical course where students are exposed to patients. This course deals with training the students in developing a dentist and patient relationship and generally evaluating the patient, by taking a detailed case history and conducting proper examination and requesting proper investigations to reach the differential diagnosis. Further, the students will recognize normal and abnormal tissues clinically with proper intra and extra oral examination on a patient.

Course Code: DSDS 323

Course Name: Emergency Dental Care

Course Description:

What is the main purpose for this course?

The student should be able to:

1. Possess sound knowledge about the systemic health of patient, dental management of medically compromised patients, including detailed history of physical examination and diagnosis, medical investigation and patient referral.
2. Patient referral.
3. Diagnose the problem and plan the treatment accordingly.
4. Recognize the emergency conditions and alert emergency team and management.
5. Understand basic life support and advanced cardiac life support.
6. Drug prescription, management of complication and follow up.

Course Code: DSDS 324

Course Name: Oral Pathology 2

Course Description:

This course is the second in oral pathology field. It is designed to introduce the student to the knowledge of oral oncology, benign and malignant neoplasia of the jaws and relevant lesions and conditions with impact on oral health.

The course introduces the concepts of oral cancer screening.

It enables the student to differentiate between various oral and maxillofacial cysts and neoplasms and diseases.

It also exposes the student to potentially malignant lesions and conditions.

The student is also introduced to salivary gland and bone diseases and neoplasms.

Course Code: DSDS 328

Course Name: Maxillofacial Radiology 2

Course Description:

This course is a continuation of the previous oral and maxillofacial imaging course which addresses more complex radiographic techniques including panoramic images and advanced imaging techniques showing different pathological lesions depicted in radiography. The students will perform these radiographic techniques on patients. Further, the course will teach the interpretation of more advanced images and the students will develop the skills of identifying complex abnormalities, fractures associated with maxillofacial structures, congenital anomalies in these images. The rationale behind digital imaging will also be taught.

It is a 2-credit hour course, consisting of two main components, didactic and practical.

Course Code: DSBS 325

Course Name: Basic Pharmacology 2

Course Description:

The study of pharmacology today is the study of medicine of tomorrow.”

Human pharmacology is the science of effects of drugs on humans and serves as the foundation of modern medicine. As a discipline, it connects science, medicine, and health, and creates a framework for understanding how the human body adapts to the effects of drugs in stress and disease. Human pharmacology is closely related to Physiology, Physiology is the study of function, and Pharmacology is a study of drug actions, there is an intrinsic link between action and function. The study of human pharmacology integrates knowledge across many levels, including biochemistry, cell physiology, organ systems, and the body as a whole. Contemporary research in human pharmacology explores new ways to maintain or improve the quality of life, development of new medical therapies and interventions, and charting the unanswered questions about how the human body works.

The majority of our students aspire to be professionals in Dentistry. We provide a rigorous but flexible undergraduate curriculum and an engaging learning environment to help our students reach their goals. We believe that the value of a degree in human pharmacology is that it prepares students to be critical thinkers who can come to independent rational conclusions regarding their own personal health and who can use the guiding principles of scientific thinking and inquiry as a model for understanding the world around them. We think our students graduate with the best education available in the field of human pharmacology, and that they are well prepared for future learning opportunities. The department offers a well-designed and comprehensive program to the aspiring dentists.

Course Code: SKIL1120

Course Name: Critical Thinking and Problem solving

Course Description:

يقدم هذا المقرر أهم المهارات الأكاديمية من معالجة المعلومات وتوظيفها في عملية التعلم، وتعريف التفكير تعلم مهاراته المختلفة الناقد والابداعي ومهارات تنويع التفكير وحل المشكلات واتخاذ القرار، ومهارات وفنيات البحث العلمي والبحث عن المعلومات والالتزام بأخلاقيات كتابة البحث العلمي بجميع عناصره.

Course Code: DSDS 410

Course Name: Basic Clinical Oral Surgery

Course Description:

This course is intended to cover the basic principles of clinical oral surgery and exodontia, dentoalveolar complications and different maxillofacial pathological conditions, principles of some surgical procedures and medically compromised patients.

In addition, the course aims at elimination of disease, prevention of disease, removal of damaged or redundant tissue, improvement of function and esthetics.

Course Code: DSPR 411

Course Name: Clinical Operative Dentistry 1

Course Description:

This course is first restorative course where students are exposed to patients.

Students will apply their knowledge and experience from other courses to perform actual clinical work on live patients. They will carry out complete patient assessment, sequential treatment planning, and manage simple restorative cases. This course will build up the skills in previous courses and reinforce the professionalism. Attention is given to efficient utilization of the clinical facilities and the need for proper patient keeping. All students 'clinical performance is carried out under close and direct supervision.

Course Code: DSDS 418

Course Name: Radiologic Interpretation

Course Description:

This course is a continuation of the previous oral and maxillofacial imaging course which addresses more complex radiographic techniques including panoramic images, ULTRA SOUND CT scan and MRI, PET, SPECT for different pathological lesions depicted in radiography. The students will learn how to interpret these images in different pathological conditions. It also covers the intervention radiology mainly for salivary glands and the use of radiation in management of tumors in the head and neck region. Advantages and disadvantages related to digital imaging is a part and parcel of the course.

Further, the course will teach the students with the skills of identifying complex abnormalities, fractures associated with maxillofacial structures, congenital anomalies in these images. The students will learn how to start interpreting the CMS & PANORAMIC RADIOGRAPHS with associated pathological condition

It is a 1-credit hour course, consisting of two main components, didactic and practical.

Course Code: DSPR 413

Course Name: Preclinical Endodontics 1

Course Description:

This course is provided by the “Restorative and Prosthetic Dental Sciences” department during the first semester of the fourth year of the BDS program. It is a 2 credit hours course, consisting of two main components: lectures and practical.

This course introduces principles of endodontics to students with dental materials background and facilitate the study of endodontic materials, physical and chemical properties that are related to selection of these products by the students in their clinical work. It also describes the basic understanding of the theoretical and biological principles of every endodontic clinical procedure.

This course allows students to demonstrate clear understanding of the morphology of the root canal anatomy, carry out fundamental operative procedures in endodontics, recognize the dental materials and instruments used in endodontics and should be able to demonstrate access opening, root canal preparation and obturation in natural and artificial teeth.

Course Code: DSPC 414

Course Name: Fundamentals of Periodontology

Course Description:

Periodontology or periodontics is the specialty of dentistry that studies supporting structures of teeth, as well as diseases and conditions that affect them.

The course is 3 credit hours that is given in the 4th year first semester and consists of two lectures per week and one lab session. The students will also have their project presentations at the end of the course.

The objectives of this course is for students to have the knowledge of normal periodontium, epidemiology of periodontal diseases, a etiology and pathogenesis of periodontal diseases, basic immunological reactions, periodontal armamentarium, different diagnostic methods and compare between different measures of plaque control.

For project presentations, students will work in teams and have the opportunity in the course to prepare a project regarding the topics that were covered within the course and that maybe used to serve the community. They will then present their project to the class. Students will also be learning the manual skills needed during their lab session related to periodontal treatment.

Course Code: DSPR 415

Course Name: Preclinical Removable Prosthodontics 1

Course Description:

In this course the students are introduced to the basic principles of treating totally edentulous patients with removable complete dentures. The course provides knowledge of the basic principles in the fabrication of removable complete dentures with focus on understanding the physical and biomechanical characteristics of the denture components. Emphasis will be given to the laboratory procedures involved in the construction of complete dentures. The aim is to make the students aware of all the laboratory procedures involved in the construction of complete dentures and to lay a strong foundation of complete denture fabrication before the students enter into the clinical course. All the prerequisite steps for making a complete denture will be discussed and demonstrated, and the students will be directed to perform the practical exercises. The exercises may include impression making and pouring of cast, fabrication of custom trays, record bases and wax occlusal rims, mounting of trial dentures, teeth arrangement, wax up of trial dentures, flasking of trial dentures and finishing and polishing of the dentures.

Course Code: DSPR 416

Course Name: Preclinical Fixed Prosthodontics 1

Course Description:

This course is provided by the “Restorative and Prosthetic Dental Sciences” department during the first semester of the fourth year of the BDS program. It is a 2 credit hours course, consisting of two main components: lectures and practical.

- What is the main purpose for this course? Upon completion of this course the student should be able to:
 1. Recognize simulated clinical and laboratory steps related to fixed prosthodontics procedures.
 2. Recognize basic fundamentals of occlusion and articulation.
 3. Diagnose clinical case scenarios to reach an appropriate treatment plan.
 4. Demonstrate manual Dexterity, eye-hand coordination to perform laboratory and simulated clinical procedures with precision.
 5. Demonstrate sufficient manual dexterity to perform teeth preparation using mirror imaging.

Course Code: DSAS 417

Course Name: Dental Informatics

Course Description:

Dental informatics is the application of computer and information science to improve dental practice, research, education and management. The course will introduce students to the definition of this emerging discipline and will explain how dental informatics improved the field of dentistry. The course will start with an overview of different terminologies in the field of informatics then will discuss in details the informatics applications that improved education and dental practice, including patient Digital imaging and image processing, computer-based dental records, clinical decision support system and tele dentistry. The course will introduce students to database and research specific software and understanding the requirements in designing an information management system for hospitals.

Course Code: DSDS 420

Course Name: Advanced Clinical Oral Surgery

Course Description:

This course is provided by the “Surgical and Diagnostic Sciences” department during the second semester of the 4th year of the BDS program. It is a 2 credit hours course, consisting of two main components: theory and clinics.

Clinical sessions begin to further the student’s theoretical knowledge and their skills in a clinical setting.

Topics in this course will include:

- ❖ Diagnosis and management of maxillofacial injuries, fundamental principles of space infections, conscious sedation techniques, cleft lip and palate and grafts.

Course Code: DSPR 421

Course Name: Clinical Operative Dentistry 2

Course Description:

This course is the second clinical restorative course where the students are entitled to apply their acquired knowledge on actual clinical situations.

- On the didactic part, the course focuses more specifically on the fundamentals of esthetics in restorative dentistry, management of restorative failures, use of laser in restorative dentistry and on restorations of endodontically treated teeth.
- On the clinical level, the students will carry out complete patient assessment, sequential treatment planning and manage different restorative cases. This course will build up on the previously acquired skills and reinforce the professionalism.
- At all time, attention is given to efficient utilization of the time, clinical facilities and to patients’ record keeping.

All students clinical performance is carried out under close and direct supervision.

Course Code: DSPR 423

Course Name: Preclinical Endodontics 2

Course Description:

This course is provided by the “Restorative and Prosthetic Dental Sciences” department during the second semester of the fourth year of the BDS program. It is a 2 credit hours course, consisting of two main components: lectures and practical.

This course introduces principles of endodontics especially dealing with multi canals as compared to the first course DSPR 413. It also describes the basic understanding of the theoretical and biological principles of Endo-perio lesions and pulp reaction to caries etc. Also, how to diagnose cracks and fractures with different treatment options. It also explains the concept of restoration of endodontically treated tooth along with different retreatment procedures.

This course allows students to demonstrate clear understanding of the morphology of the root canal anatomy, carry out fundamental operative procedures in endodontics, recognize the dental materials and instruments used in endodontics and should be able to demonstrate access opening, root canal preparation and obturation in multi canal natural and artificial teeth.

Course Code: DSPC 424

Course Name: Clinical Periodontology 1

Course Description:

This course follows the preclinical Periodontics course where students learnt the basics of Periodontology and got the skills of instrumentation and scaling. This course consists of didactic and clinical components which cover the etiology, pathogenesis and the diagnosis of periodontal diseases. More attention will be given to the clinical applied aspects of the periodontal diseases. Students will perform in the clinic’s periodontal examination and charting, diagnosis, treatment planning and treatment of patients with early periodontal diseases.

Course Code: DSPR 425

Course Name: Preclinical Removable Prosthodontics 2

Course Description:

This course is a continuation of the course Preclinical Removable Prosthodontics 1. The students will perform the laboratory procedures for constructing removal partial dentures to restore missing teeth in the oral cavity. The students will learn about surveying partially edentulous casts and designing removable partial dentures based on the Classification and the condition of the remaining teeth and oral structures. More attention will be given to challenging denture designs.

Course Code: DSPR 426

Course Name: Preclinical Fixed Prosthodontics 2

Course Description:

This preclinical course is a continuation of the previous preclinical fixed prosthodontics where students apply the preclinical aspects of managing patients requiring fixed dental prostheses. Pre-Clinical component shall include various Phantom head exercises that will prepare the student for next clinical level.

Course Code: DSAS 426

Course Name: Implant Dentistry

Course Description:

This course is designed to provide the graduating dental students with basic knowledge of the variable aspects of modern dental implantology including the rationale of dental implantology, history and development, bone & soft tissue-implant interface, osseointegration, biomaterials, surface modification of dental implants, variable designs of implants, implant components, surgical anatomy in relation to dental implants, case selection for implant treatment, treatment planning, Implant flap designs & suture materials & suturing technique, Implant placement surgical protocol, Implant impression techniques, Implant occlusion & prosthetic part of implant placement, Implant complications & maintenance.

The practical component of this course includes discussion about Implant components & its functions, Implant surgical instruments, demonstration of flap designs, suturing techniques & materials, surgical Implant placement, Implant impression techniques, fabrication of Provisional restoration. The students are trained to perform & show the different flap designs & suturing techniques. The students are trained to present and submit the assignments which help them comprehend their knowledge on various concepts related to implants.

Course Code: DSBS 427

Course Name: General Medicine and Surgery

Course Description:

This course is designed to give students an overview of the different specialties such as general medicine and surgery, which will be beneficial for their dental practice. The teaching, which consists mainly of theoretical part (lectures), will cover the diagnosis, approach, management and Complications for cases which they will encounter as they enter the dental field. Concentration will be on important and relevant human diseases and to give them considerable knowledge of the general surgery principles in special surgical areas. Knowledge of the topics that is related to human diseases is essential for satisfactory dental treatment and advice. Students will be familiar with sufficient knowledge to recognize problems in the medical history of patients about to undergo dental treatment and to take the appropriate action to provide a quality care, in addition to understand when referral for complex cases is indicated.

Course Code: SKLS1102

Course Name: Leadership and Team Work

Course Description:

يعد هذا المقرر تهيئة للطلبة لممارسة الادوار القيادية وتحمل المسؤولية وتنمية المهارات العليا للعمل الجماعي وتكوين فرق العمل الفعالة، كما يقدم المقرر طرق نموذجية لحل صراعات العمل ويساعد الطلبة في إعداد خطة زمنية جيدة لإدارة الوقت.

Course Code: DSDS 510

Course Name: Maxillofacial Surgery

Course Description:

Clinical sessions begins to further the students theoretical knowledge and their skills in a clinical setting.

Topics in the course will include:

- Diagnosis and management of maxillofacial injuries, fundamental principles of space infections, conscious sedation techniques, cleft lip and palate, grafts.

Course Code: DSPR 511

Course Name: Clinical Operative Dentistry 3

Course Description:

This course finalizes the didactic component of operative dentistry curriculum. It aims at reinforcement of the previous knowledge gained in the early operative dentistry courses and update of the students with newly developed restorative materials, concepts and techniques. The clinical sessions are directed towards the clinical application of the principles of operative dentistry by performing different kinds of cavity preparation and direct and indirect restoration. In addition, the students will be introduced to various treatment modalities for the anterior and posterior teeth. All students' clinical performance is carried out under close and direct supervision.

Course Code: DSPC 517

Course Name: Preclinical Pediatric Dentistry

Course Description:

This course is an introduction to the fundamentals of pediatric Dentistry. It is designed to bring students closer to the current knowledge in management of conditions related to the dentition of children. The students get to familiarize themselves with the concept of prevention and restoration of dentition among children. Students shall also have to demonstrate psychomotor skills necessary for diagnosing and treating dental caries in primary, mixed as well as permanent dentition that is applicable to children. Furthermore, students also conceptualize the rationale of preservation of dentition through pulp therapy in children as well as space maintenance in children resulting from early tooth loss.

Course Code: DSPR 513

Course Name: Clinical Endodontics 1

Course Description:

This course is provided by the “Restorative and Prosthetic Dental Sciences” department during the first semester of the fifth year of the BDS program. It is a 2 credit hours course, consisting of two main components: lectures and clinical.

This is the first clinical endodontics course of the curriculum. It builds on previously acquired knowledge from the pre-clinical courses and provides further learnings related to the pathology of the pulpal tissues and its clinical manifestations.

The didactic part of the course focuses on diagnosis, case selection and treatment planning as well as reviewing clinical treatment steps. Pulpal and endodontic emergencies and differential diagnosis of the pulpal pathology will also be taught. Additionally, the interrelationship between pulpal and periodontal disease will be addressed.

The clinical part of the course involves providing non-surgical endodontic treatment on single rooted and bi-rooted teeth in carefully selected patients and rotary instrumentation training on extracted teeth.

Course Code: DSPC 514

Course Name: Clinical Periodontology 2

Course Description:

This course consists of a didactic and clinical component with four credit hours. It will cover:

1. The treatment of different types of periodontal diseases.
2. Introduction to the surgical approaches in the management of moderate to advanced periodontal disease.

Course Code: DSPR 515

Course Name: Clinical Removable Prosthodontics 1

Course Description:

This course provides the students with clinical and laboratory aspects of managing patients in need of complete removable prosthesis. Students treat a clinical case of full dentures starting from preparation procedures till the delivery of denture. The students must obtain specific competencies in making removable complete dentures for completely edentulous patients.

The clinical component shall include case selection, case history writing, treatment planning primary and final impression procedures, Jaw relation procedures, try in of trial waxed dentures, denture delivery and follow up procedures.

The practical component includes pouring of casts, fabrication of special trays, denture base fabrication, and fabrication of wax rims and mounting. Students will do the laboratory work on their own under the guidance of the instructors after each clinical step

All students shall maintain a log book to record all the clinical and laboratory steps carried out during the fabrication of the prosthesis.

Course Code: DSPR 516

Course Name: Clinical Fixed Prosthodontics 1

Course Description:

This course is divided into theoretical and clinical components. The theoretical component addresses the different aspects for the diagnosis, management, and treatment of patients with missing or damaged teeth.

The clinical component is the first clinical course in fixed prosthodontics. It is a clinical setting in which the student should have an opportunity to perform the clinical procedures commonly associated with patients requiring fixed prosthodontics treatment.

Course Code: DSPC 527

Course Name: Clinical Pediatric Dentistry 1

Course Description:

The course consists of didactic and clinical components. The didactic component addresses the different aspects of diagnosing, managing and treating the dental problems of young children. In the clinical settings student are required perform their clinical tasks of different restorative procedures as well as the application of preventive measures including fluoride application and placement of fissure sealants. The student should have an opportunity to perform the clinical procedures commonly associated with children's dentistry. The concept of comprehensive care will be adopted so that the student develops an awareness of and appreciation for the child as an individual. Pain management in children along with simple extraction, behavioral disorders in children in relation to medical and dental management shall also be discussed in detail in this course.

Course Code: DSPR 521

Course Name: Clinical Operative Dentistry 4

Course Description:

This course is a continuation of the previous restorative dentistry course and exposes the students to the management of a wide range of restorative cases. Students will use their previously acquired knowledge and skills to manage cases with specific esthetic requirements using different esthetic restorative materials. Direct restoration of endodontically treated teeth and indirect adhesive esthetic restorations will also be part of the students' training during this course. Upon completion of the course, student will have thorough knowledge and skills for proper patient management and be prepared for more challenging cases in the clinical comprehensive dentistry courses.

Course Code: DSPR 523

Course Name: Clinical Endodontics 2

Course Description:

This is the second clinical endodontics course of the curriculum. It builds on previously acquired knowledge from the first clinical course and provides further learnings related to the endodontic diseases.

The didactic part of the course focuses on presentations and problem solving of endodontic cases.

The clinical part of the course involves providing non-surgical endodontic treatment on multi-rooted teeth in carefully selected patients.

Course Code: DSDS 522

Course Name: Oral Medicine 1

Course Description:

The course deals with training the students in developing a dentist and patient relationship and generally evaluating the patient, by taking a detailed case history and conducting proper examination and requesting proper investigations to reach the differential diagnosis. Further, the students will recognize the signs, symptoms, clinical features and therapeutic or palliative management of oro – facial diseases. Students will know the normal and abnormal tissues clinically with proper intra and extra oral examination on a patient.

Course Code: DSPR 525

Course Name: Clinical Removable Prosthodontics 2

Course Description:

This clinical course is a continuation of the previous clinical removable prosthodontics where students apply the clinical aspects of managing patients requiring removable dental prostheses. Students will be subjected to patients requiring both acrylic and cast partial dentures. Students should accomplish all assigned laboratory procedures associated with the treatment of patients. Clinical component shall include case selection, treatment planning and the actual treatment of patients that need removable partial dentures. The practical component shall cover steps that are done in the laboratory for fabrication of partial dentures. The students shall be made aware of all steps and procedures for the fabrication of a removable partial denture. The students shall complete all the cases by themselves including case selection, impression, fabrication of special trays and fabrication of the final prosthesis. All students shall maintain a clinical log book and a practical manual to record their cases and all steps during fabrication of the prosthesis. The clinical component shall carry on the work from the previous course of Clinical removable Prosthodontics -1 DSPR 515 completed in the previous semester.

Course Code: DSPR 526

Course Name: Clinical Fixed Prosthodontics 2

Course Description:

Clinical Fixed Prosthodontic course provides students with the clinical aspects of managing patients for fixed prosthodontics. Students treat a number of clinical cases of fixed crowns or fixed bridges starting from preparation procedures to laboratory.

Course Code: DSPC 526

Course Name: Research Methodology

Course Description:

The objective of the course is to teach the undergraduate students, how to carry out basic scientific research based on the principles and techniques commonly used in the process of research.

- The students will also be made to develop the ability to plan and implement a research project in general and to carry out a research project in particular (a mock research project).
- To assist the students on how to read and interpret a research paper and critically evaluate them as well as become avid consumers of published research findings.
- They will also be given group assignments and taught how to develop a research proposal.

Course Code: DSPC 528

Course Name: Geriatric Dentistry

Course Description:

The course will introduce students to matters associated with aging population starting from the biological and physiological changes. It will also highlight the serious issues that may arise to elderly including medical issues, mental status and housing and other challenges. Students will be oriented about the importance and how to care for our aging population based on evidence starting from clinical assessment, nutrition, pharmacological aspects, preventive measures as well as providing care for homebound patients. The course will go in depth in geriatric oral conditions and their clinical implications on elderly and moreover will orient the students of how to develop a treatment plan for geriatric patients while considering all the aspects of aging population.

Course Code: ARAB 1100

Course Name: Arabic Writing Skills

Course Description:

يركز المقرر على تنمية المهارات الكتابية لدى طلبة برنامج الإعداد الجامعي في جامعة دار العلوم، وتطبيق تلك المهارات في حياتهم الجامعية والعملية. بما في ذلك توظيف المهارات الخاصة بعلامات التقييم، والسلامة النحوية، والسلامة الإملائية. كذلك يتناول المقرر تنظيم الألفاظ وفق نسق لغوي صحيح، صياغة التعبير الكتابي بأسلوب سليم، صياغة الرسائل الإدارية والاجتماعية والإلكترونية، التمكن من مراجعة المعاجم اللغوية واستخراج معاني الكلمات، إضافة إلى مهارات كتابة المقالات بصورة سليمة.

Course Code: DSDS 612

Course Name: Oral Medicine 2

Course Description:

This course deals with the dental management of medically compromised patients. Students will be trained to identify the signs and symptoms expressed by the patient to the probable disease and manage them by therapeutic or palliative treatment whichever is necessary. It also includes answering the questions of the patients, their attendants and allay their fears regarding the dental treatment protocol for medically compromised patients. Students will further learn to request proper investigative procedures from other higher institutes and properly manage the condition or refer the patient to a specialist.

Course Code: DSAS 611

Course Name: Clinical Comprehensive Dentistry 1

Course Description:

Upon completion of this course the student should be able to:

- 1) Perform a comprehensive diagnosis of oral and dental health problems accurately employing all modern diagnostic tools.
 - 2) Develop, present, and discuss comprehensive treatment plans conducive to re-establishing and maintaining optimum status of health, function, aesthetics, patient satisfaction and welfare in a logical sequence and progress for optimum quality and evidence-based care.
 - 3) Select, modify, and follow the most appropriate comprehensive treatment plan for a particular case in a multidisciplinary, patient-centered care and to refer patients to specialized dental professionals for more extensive procedures beyond the scope of the general dental practice.
- Competently carry out all prevention, intervention procedures in modern general dental practice as well as accurately prescribe adjunctive therapeutic measures; to present and to discuss completely treated cases.

Course Code: DSPC 617

Course Name: Clinical Pediatric Dentistry 2

Course Description:

The primary goals of this course include the diagnosis and prevention of disease, the preservation of the natural dentition and the restoration of health, function and esthetics of stomatognathic system especially the primary dentition. Clinical training shall include following Required Clinical Procedures

Point Allocation for Clinical Procedures:

1. Examination, Treatment Plan (TP), Charting) Prophyl/FI., etc.
2. Preventive Resin Restoration (where ever needed)
3. Space Maintainers
4. Stainless steel crowns
5. Restorations (rehabilitation purpose)
6. Pulpotomies
7. Pulpectomies

Course Code: DSPC 613

Course Name: Community Dentistry

Course Description:

This course is designed to build awareness to the principles and activities of dental public health. It will focus on providing the students with the knowledge and skills to develop different types of community health programs following the planning cycle, as students will be taught how to determine the preventive and oral health promotion programs for each community based on the disease epidemiology and community needs. The course will introduce students to dental public health in light of Saudi Arabia. The course also aims to enable the student to understand the basic concepts of the preventive modalities of dental diseases after the prediction of possible risk factors.

The course also covers the basic epidemiologic aspects of dental caries and periodontal diseases including epidemiology, indices used to measure the condition and the multifactorial aspect of the disease.

Course Code: DSPC 619

Course Name: Preclinical Orthodontics

Course Description:

A combination of didactic and practical sessions will be undertaken on a weekly basis throughout a period of 15 weeks, in the form of 4-hour teaching experiences. The design of the course will provide the level 11 undergraduate students with the basic knowledge of craniofacial growth and development, and orthodontic diagnosis. This course should prepare the students to conduct a comprehensive orthodontic assessment using clinical examination, and orthodontic records' _analysis and interpretation, leading to the formulation of an orthodontic problem list and diagnostic summary for different dentofacial abnormalities.

Knowledge of the basics of orthodontics is essential for the dental students. Through a series of lectures and practical sessions, this course will provide the undergraduate students with the background of the growth and development of dentofacial structures, characteristics of normal occlusion, etiology and diagnosis of malocclusion and the treatment of occlusal discrepancies. In addition, the course will expose the students to the various orthodontic records, and it will prepare the students to analyze them and interpret the findings. The course also allows the students to recognize different orthodontic appliances and know their proper management. The course consists of:

-- Lecture (one hour)

-- Practical session (three hours).

The lectures will cover wide range of orthodontic topics including the basic knowledge of craniofacial growth and dental development, orthodontic assessment, orthodontic records and analysis, orthodontic malocclusion and abnormalities, and different orthodontic appliances and techniques. While the practical and active learning sessions will expose the students to case-based activities, case presentations and practical management of different orthodontic appliances.

Course Code: DSAS 615

Course Name: Treatment Planning

Course Description:

This course is considered the compendium of all scientific courses that provide the dental student with the basic and advanced knowledge in diagnosis and treatment in different dental specialties by integration of such scientific knowledge to formulate proposed diagnosis, alternative and definitive treatment plans.

It is designed to compel the student to take the responsibility for comprehensive thinking of the case and to form a systematic approach for treatment planning of actual clinical cases through the co-requisite of Comprehensive Dentistry I (DSAS 611) course.

The student represents the treated case and engage in a scientific discussion about priority and different treatment modalities.

The student learns how to prepare and present himself through a well- organized scientific presentation for different aspects of treatment planning.

Course Code: DSDS 616

Course Name: Special Needs Dentistry

Course Description:

Special Care Dentistry is one of the subjects that has been recently added to the curriculum of various dental schools. This course is concisely taught as a part of other courses like Oral Surgery or Oral Medicine. Improvements in medical and social care during the last 20 years have increased the life expectancy of many people including those with previously life-threatening disorders. However, many of these individuals remain vulnerable and require particular attention to ensure that both general and oral health care provision meet their special needs.

Evidence suggests that individuals with special needs have an increased risk of experiencing oral disease and have greater oral preventive and treatment needs as compared to the general population. This course emphasizes students to special needs group and their oral health needs. The students shall also develop the concept of designing various treatment strategies to treat the special needs group in terms of their oral health.

Course Code: DSPC 629

Course Name: Clinical Orthodontics

Course Description:

The course is given over a period of 15 weeks in the form of a 2-hour seminar. In each week, groups of students will participate in team-based/case-based tutorial sessions to discuss the reading assignment and analyze the records of 10 orthodontic cases chosen to cover the following topics:

- Indications for early orthodontic treatment
- Orthodontic diagnosis and treatment planning of sagittal, vertical, and transverse malocclusions
- Adjunctive orthodontic treatment for adults

This method of learning involves the active participation of the students in their learning through generating hypotheses to explain the problems under discussion, contributing resources and knowledge to the group, and demonstrating the ability to understand and apply the available evidence to analyze the case.

Course Code: DSPC 627

Course Name: Clinical Pediatric Dentistry 3

Course Description:

The primary goals of this course include the diagnosis and prevention of disease, the preservation of the natural dentition and the restoration of health, function and esthetics of stomatognathic system especially the primary dentition. Clinical training shall include following Required Clinical Procedures

Point Allocation for Clinical Procedures:

1. Examination, Treatment Plan (TP), Charting) Prophyl/FI., etc.
2. Preventive Resin Restoration (where ever needed)
3. Space Maintainers
4. Stainless steel crowns
5. Restorations (rehabilitation purpose)
6. Pulpotomies
7. Pulpectomies

Course Code: DSAS 622

Course Name: Clinical Comprehensive Dentistry 2

Course Description:

- This course covers all clinical disciplines in dentistry. It is offered during the sixth year and consists of one lecture and three clinical sessions per week.
- Conjoint course by all dental departments where contributors from all dental disciplines participate in both in the lecture and clinical sessions.

Course Code: DSPC 623

Course Name: The practice of Dentistry in the Community

Course Description:

This course is a continuation of the community dentistry course which will provide the students with skills to determine and plan the preventive measures to be implemented in the community. It also develops their planning skills of different types of dental health educational programs, including principles of oral health education. This course engages the students with the community to understand their needs and implement preventive modalities of dental diseases after the prediction of possible risk factors.

Students are requested to plan oral health programs that target vulnerable groups e.g., individuals with disability, elderly and school children and conduct the program.

Course Code: DSPC 624

Course Name: Dental Practice Management

Course Description:

This course is given in the sixth year in second semesters as two lectures per week.

Course Main Objectives:

- Provide the basic knowledge and skills of administration.
- Strengthen students' capability of directing dental practice.
- Enable the students to conceptualize different aspects of health care business.
- Put graduating students at a competitive position in private health care market

Course Code: DSAS 625

Course Name: Evidence Based Dentistry

Course Description:

This course provides students with the necessary scientific foundation of knowledge and skills required to practice effective “Evidence-based Dentistry.” Specifically, students will gain knowledge and skills to form critical questions, locate information, judge the quality of available information, and apply the evidence to clinical decision making and ongoing evaluation in both patient care at the individual level, and oral health promotion and community advocacy at the population level. Students will learn to access relevant scientific literature and conduct searches, and tools and methodology to critique the scientific literature.

Course Code: DSAS 626

Course Name: Contemporary Dental Sciences

Course Description:

The course consists of two main components: lectures and Class activities.

In this course the students are introduced regarding latest dental techniques and the equipments which are present in the market, the advantages and disadvantages seen in these advanced dental equipments used in contemporary dental sciences. This will help students to be familiar with the latest trends in dental practice to be competent in the real world situation.

Course Code: DSPR 621

Course Name: Esthetic Dentistry

Course Description:

This course is an advanced esthetic multidisciplinary didactic course where the students will get detailed knowledge on how to enhance the smile and teeth appearance of the patients and provide them with dental esthetics in an integrated approach including different dental disciplines. The course aims for guiding the students for better understanding of the available materials and techniques for esthetic treatments. Importance of integrated disciplines in management of patients with esthetic restoration is taught in detail in the course.

Academic Procedures During the Registration Period

1- Course registration:

1- Courses are registered according to pre-announced dates in the academic university calendar, which is announced on the official university website.

2- The student registers the courses himself and through his academic advisor, and through the coordinators of the colleges and university preparation program.

3- Courses are offered according to policies agreed upon by the various academic departments of the university's faculties and the university preparation program in coordination with the Deanship of Admission, Registration and Student Affairs.

2- Registration :

1. The student pays the tuition fees and receives the payment notice as soon as the early registration for the semester opens.

2. The academic advisor sets a suggested schedule for the student according to the sequence of courses in his/her study plan, as soon as the student has sufficient financial balance to register his required courses.

3. The student consults his/her academic advisor to drop and add courses and approve his academic schedule before the end of the first week of the main semester (first or second) and before three days of the summer semester.

4. All students' schedules are activated automatically at the end of the first week of the main semester (first or second) and within three days of the beginning of summer semester.

5. The enrollment of students who are not registered in the main semester (first or second) will be closed after completing the registration closing process.

الإجراءات الدراسية خلال فترة التسجيل

١- تسجيل المقررات:

يتم تسجيل المقررات وفق مواعيد مععلن عنها سلفاً في التقويم الجامعي الأكاديمي والمعلن على موقع الجامعة الرسمي. يقوم الطالب بتسجيل المقررات بنفسه ومن خلال مرشده الأكاديمي , ومن خلال منسقي ومنسقات الكليات وبرنامج الإعداد الجامعي. يتم طرح المقررات وفق سياسات متفق عليها من قبل الأقسام الأكاديمية المختلفة بكليات الجامعة وبرنامج الإعداد الجامعي بالتنسيق مع عمادة القبول والتسجيل وشؤون الطلاب.

٢- إجراء التسجيل:

يقوم الطالب بتسديد الرسوم الدراسية و استلام اشعار السداد بمجرد فتح باب التسجيل المبكر للفصل الدراسي.

يقوم المرشد الأكاديمي بوضع جدول مقترح للطالب وفقاً لتسلسل المقررات في خطته الدراسية بمجرد توفر رصيد مالي للطالب يكفي لتسجيل مقرراته المطلوبة.

يقوم الطالب بمراجعة المرشد الأكاديمي لحذف وإضافة المقررات واعتماد جدولته الدراسي وذلك قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الصيفي.

يتم تفعيل جداول جميع الطلبة تلقائياً بنهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الصيفي. يتم طي قيد الطلبة غير المسجلين في الفصل الدراسي الرئيس (الأول أو الثاني) بعد إجراء عملية إغلاق التسجيل.

3- Dropping and adding courses:

Dropping and adding (before activating the student's schedule):

The student may amend his/her academic schedule through his/her academic advisor (adding and dropping courses and modifying available classes) before the end of the first week of the regular semester and before three days of the summer semester without any discounts. This procedure will not appear on the student's academic record.

Dropping and adding (after activating the student's schedule):

Before the end of the second week of the main semester (first or second) and the fourth, fifth, and sixth days of the beginning of the summer semester, the student may amend his/her academic schedule (adding or dropping courses without it appearing in the academic record, and 50% of his/her fees will be deducted from each course that is dropped).

The following must be taken into consideration in the case of dropping and adding of courses:

That the minimum and maximum study load for a student at the university for the undergraduate level is (12-20) credit hours in the first or second semester. Students can register up to 24 hours after the approval of the college or if this is the last semester before graduation. In the summer semester, the minimum and maximum academic load for a student is (1-10) credit hours, and it is possible to register up to 12 hours after the approval of the college, or if this is the last semester before graduation. Please review the rules & regulations for study and examinations for the undergraduate level and the unified regulations for postgraduate studies and their rules executive branch issued by Dar Al Uloom University.

As for the master's degree, the minimum and maximum study load for a student at the university is (3-12) credit hours in the first or second semester, and up to 15 hours can be registered after the approval of the college or if this is the last semester before graduation or as there is no summer semester for this stage. Please review the rules & regulations for study and examinations for the undergraduate level and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University.

حذف وإضافة المقررات:

الحذف والإضافة (قبل تفعيل الجدول):

يجوز للطالب تعديل جدولته الدراسي من خلال مرشدته الأكاديمي بإضافة و حذف المقررات و تعديل الشعب المتاحة قبل نهاية الأسبوع الأول من الفصل الدراسي الاعتيادي وثلاثة أيام من الفصل الصيفي بدون أي خصومات وبدون أن تظهر على السجل الأكاديمي.

الحذف والإضافة (بعد تفعيل الجدول):

يجوز للطالب قبل نهاية الأسبوع الثاني من الفصل الدراسي الرئيس (الأول أو الثاني) واليوم الرابع والخامس والسادس من بداية الفصل الدراسي الصيفي تعديل جدولته الدراسي بإضافة وحذف المقررات دون أن يظهر ذلك في السجل الأكاديمي، ويخصم على كل مقرر يتم حذفه 50% من رسومه.

يجب مراعاة ما يلي في حالة الحذف والإضافة:

الحدود الدنيا والغصوى لعدد الساعات المسجلة بحيث يكون الحد الأدنى والحد الأقصى للعبء الدراسي للطالب في الجامعة لمرحلة البكالوريوس (12-20) ساعة معتمدة في الفصل الدراسي الأول أو الثاني، ويمكن تسجيل حتى 24 ساعة بعد موافقة الكلية أو إذا كان هذا هو الفصل الأخير للتخرج، أما في الفصل الدراسي الصيفي فيكون الحد الأدنى والحد الأعلى للعبء الدراسي للطالب (1-10) ساعات معتمدة ويمكن تسجيل حتى 12 ساعة بعد موافقة الكلية أو إذا كان هذا هو الفصل الأخير للتخرج، راجيا الاطلاع على لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم. وأما لمرحلة الماجستير يكون الحد الأدنى والحد الأقصى للعبء الدراسي للطالب في الجامعة (12-3) ساعة معتمدة في الفصل الدراسي الأول أو الثاني، ويمكن تسجيل حتى 15 ساعة بعد موافقة الكلية أو إذا كان هذا هو الفصل الأخير للتخرج، كمم أنه لا يوجد فصل دراسي صيفي لهذه المرحلة، راجيا الاطلاع على لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.

Adding and dropping courses procedure after activating the student's schedule:

1. The student submits the request for dropping and addition through the SIS student information system.
2. The academic advisor approves the dropping and addition, taking into account the terms of dropping and addition.
3. The Registration Department at the Deanship of Admission and Registration and Student Affairs, implements the process on the SIS .

4- Late registration:

The procedures stipulated in "Article 8" of the undergraduate study and examination regulations and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University are applied.

Procedure for re-enrolment request due to late registration:

1. The student submits a request for re-enrollment and late registration, and writes an undertaking through the SIS no later than the end of the second week of the main semester (first or second) and six academic days of the summer semester, according to the academic calendar approved by the University Council.
2. The academic advisor approves the request for re-enrolment in a manner that does not violate the undergraduate study and examination regulations and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University and submit it to the department head for his /her opinion.
3. The dean of the college or the director of the university preparation program decides on the request for re-enrolment and late registration.
4. After obtaining the approval of the College Council, the student pays the registration fees.
5. The Registration Department at the Deanship of Admission and Registration and Student Affairs, implements the process on the SIS .
6. The student reviews his/her academic advisor to register courses.

إجراء الحذف والإضافة بعد تفعيل الجدول:
يتقدم الطالب بطلب الحذف و الإضافة من خلال نظام معلومات الطلبة إس أي إس.
يقوم المرشد الأكاديمي بالموافقة على الحذف والإضافة مراعي شروط الحذف والإضافة.
تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس..

ع- التسجيل المتأخر:

تطبق الإجراءات المنصوص عليها في "المادة الثامنة" من لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.

إجراء طلب إعادة القيد بسبب التسجيل المتأخر:

1. يتقدم الطالب بطلب إعادة القيد والتسجيل متأخر و تعهد من خلال نظام معلومات الطلبة إس أي إس بموعد أقصاه نهاية الأسبوع الثاني من الفصل الدراسي الرئيس (الأول أو الثاني) وستة أيام دراسية من الفصل الدراسي الصيفي حسب التقويم الأكاديمي المعتمد من مجلس الجامعة.
2. يقوم المرشد الأكاديمي بالموافقة على طلب إعادة القيد بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم ورفعها لرئيس القسم لإيداء الرأي .
3. يبت عميد الكلية أو مدير برنامج الإعداد الجامعي بطلب إعادة قيد والتسجيل المتأخر.
4. بعد أخذ موافقة مجلس الكلية يقوم الطالب بسداد رسوم التسجيل.
5. تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس..
6. يراجع الطالب مرشده الأكاديمي لتسجيل المقررات.

5- Compensation for graduation requirements:

The student may take an alternative course to fulfill graduation requirements after the approval of the Dean in the following circumstances:

- ❖ Cancellation of the course or if the course is no longer being taught.
- ❖ Not offering the course in a semester in which the student fulfilled all graduation requirements except this course.
- ❖ The course conflicts with other courses in which the student is enrolled, which cannot be resolved.

Compensation request procedure for graduation requirements:

1. The student applies for compensation in the graduation requirements through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester.
2. The academic advisor approves the compensation request in a manner that does not violate the undergraduate study and examination rules & regulations and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University.
3. The academic advisor submits it to the head of the department for his /her opinion and approval through the SIS.
4. The Dean of the College decides whether to request compensation for the student's graduation requirements and approve the request or not through the SIS .
5. After obtaining the approval of the Dean of the College, the Registration Department at the Deanship of Admission and Registration, and Student Affairs, implements the process on the (SIS).

٥- التعويض في متطلبات التخرج:

يجوز للطالب أخذ مقرر بديل لاستيفاء متطلبات التخرج بعد موافقة العميد في الظروف التالية:

- ❖ إلغاء المقرر أو التوقف عن تدريسه.
- ❖ عدم طرح المقرر في فصل استوفى الطالب فيه كافة متطلبات التخرج دون هذا المقرر.
- ❖ تعارض المقرر مع المقررات الأخرى المسجل فيها الطالب والتي لا يمكن حلها.

إجراء طلب التعويض في متطلبات التخرج:

١. يتقدم الطالب بطلب التعويض في متطلبات التخرج من خلال نظام معلومات الطلبة إس أي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي.
٢. يقوم المرشد الأكاديمي بالموافقة على طلب التعويض بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
٣. رفعه لرئيس القسم لإبداء الرأي والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٤. يبت عميد الكلية بطلب التعويض في متطلبات التخرج للطالب والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٥. بعد أخذ موافقة عميد الكلية تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس.

6- Repeating a course:

If the student fails in a compulsory course, he must repeat that course. The student also has the right to repeat any course in which he obtained an acceptable grade (D) or an acceptable grade (D+), and all the grades of the courses that the student studied at the university are counted in the cumulative average.

Suspension:

Procedure for removing suspension status :

1. The student submits a request to remove the suspension status through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester.
2. The academic advisor approves the request to remove the suspension in a manner that does not violate the undergraduate study and examination rules & regulations and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University.
3. The academic advisor submits the request to the head of the department for his /her opinion and approval through the SIS .
4. The dean of the college decides on a request to remove or not remove the suspension through the SIS .
5. After obtaining the approval of the Dean of the College, the Registration Department at the Deanship of Admission and Registration and Student Affairs, implements the process on the (SIS).

٦- إعادة مقرر:

إذا رسب الطالب في مقرر إجباري فعليه إعادة ذلك المقرر. كما يحق للطالب إعادة أي مقرر حصل فيه على تقدير مقبول (د) أو مقبول مرافع (د+), كما أنه تحتسب في المعدل التراكمي جميع درجات المقررات التي درسها الطالب في الجامعة.

الإيقاف عن الدراسة:

إجراء رفع حالة الإيقاف عن الدراسة:

١. يتقدم الطالب بطلب رفع حالة الإيقاف من خلال نظام معلومات الطلبة إس أي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي.
٢. يقوم المرشد الأكاديمي بالموافقة على طلب رفع حالة الإيقاف بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
٣. رفعه لرئيس القسم لإبداء الرأي والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس
٤. بيت عميد الكلية بطلب رفع حالة للإيقاف عن الطالب. والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس
٥. بعد أخذ موافقة عميد الكلية تقوم إدارة التسجيل بعمادة القبول والتسجيل بشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس.

7- Suspension from the university:

The Procedure of the fourth chance to raise the GPA:

1. The student submits a request to remove the status of the academic suspension through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester.
2. The academic advisor approves the request to remove the status of academic suspension in a manner that does not violate the study and examination rules & regulations for the undergraduate level and the unified regulations for postgraduate studies and their executive rules issued by the university.
3. The academic advisor submits the request to the department council or whoever it delegates for approval through the SIS.
4. The College Council or whoever it delegates decides on the request to remove the academic suspension status of the student, and approves it or not through the SIS .
5. For master's students, the Council of the Deanship of Postgraduate Studies must decide on the request.
6. The University Council or whoever it delegates shall decide on a request to remove the academic suspension status and approval or not through the SIS .
7. After obtaining the approval of the University Council or whoever it delegates, the Registration Department at the Deanship of Admission and Registration, and Student Affairs, implements the process on the SIS .

٧- الفصل من الجامعة:

إجراء الفرصة الرابعة لرفع المعدل التراكمي:

١. يتقدم الطالب بطلب رفع حالة الفصل الأكاديمي من خلال نظام معلومات الطلبة إس أي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي.
٢. يقوم المرشد الأكاديمي بالموافقة على طلب رفع حالة الفصل الأكاديمي بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة من بالجامعة.
٣. رفع الطلب لمجلس القسم أو من يفوضه للموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس
٤. بيت مجلس الكلية أو من يفوضه بطلب رفع حالة الفصل الأكاديمي عن الطالب، والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٥. لطلاب مرحلة الماجستير لابد أن بيت مجلس عمادة الدراسات العليا على الطلب.
٦. بيت مجلس الجامعة أو من يفوضه بطلب رفع حالة الفصل الأكاديمي عن الطالب، والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٧. بعد أخذ موافقة مجلس الجامعة أو من يفوضه تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس.

٨- إعادة القيد:

8- Re-enrollment :

Re-enrollment procedure:

1. The student submits a request for re-enrollment through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester
2. The academic advisor approves the request for re-enrolment in a manner that does not violate the undergraduate study and examination rules & regulations and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University.
3. The academic advisor submits the request to the department council or whoever it delegates for approval through the SIS .
4. The College Council or whoever it delegates decides on the student's request for re-enrolment and approval through the SIS.
5. For master's students, the Council of the Deanship of Postgraduate Studies must decide on the request.
6. The University Council or whoever it delegates shall decide on the student's re-enrolment request and approval through the SIS.
7. After obtaining the approval of the University Council or whoever it delegates, the Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the SIS.

إجراء إعادة القيد:

١. يتقدم الطالب بطلب إعادة القيد من خلال نظام معلومات الطلبة إس آي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيسي (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي
٢. يقوم المرشد الأكاديمي بالموافقة على طلب إعادة القيد بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
٣. رفع الطلب لمجلس القسم أو من يفوضه للموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس
٤. بيت مجلس الكلية أو من يفوضه بطلب إعادة قيد الطالب, والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس.
٥. لطلاب مرحلة الماجستير لابد أن يبيت مجلس عمادة الدراسات العليا على الطلب.
٦. بيت مجلس الجامعة أو من يفوضه بطلب إعادة قيد الطالب, والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس.
٧. بعد أخذ موافقة مجلس الجامعة أو من يفوضه تقوم إدارة التسجيل بعمادة القبول والتسجيل بشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس آي إس.

9- Registering a course without fulfilling the pre-requisite course(s):

A student may not register a course except after studying the pre-requisite course(s) provided that he/she does not withdraw from pre-requisite course(s) or fail it because of absence. In the event of non-compliance with this, the student's registration for that course is considered canceled and the course fees are not allocated to him.

The student may, with the approval of the concerned dean of the college, register for a course that coincides with his pre-requisite course(S) in the graduation semester only, provided that the student submits an exception request no later than the end of the first week of the main semester (first or second) and within three days of the summer semester.

Procedure for Registering a course without fulfilling pre-requisite course(s):

1. The student submits a course registration request without completing the pre-requisite course(s) through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester.
2. The academic advisor approves a course registration request without completing pre-requisite course(s), in a manner that does not violate the study and examination rules & regulations for the undergraduate level and the unified regulations for postgraduate studies and their executive by Dar Al Uloom University.
3. The academic advisor submits the request to the head of the department for his /her opinion and approval through the SIS .
4. The dean of the college decides on the request and approval through the SIS.
5. After obtaining the approval of the Dean of the College, the Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the (SIS).

٩- تسجيل مقرر دون استيفاء المتطلب السابق:

لا يجوز للطالب تسجيل مقرر إلا بعد دراسة المتطلب السابق له شريطة عدم الانسحاب من المتطلب السابق أو الرسوب به بسبب الغياب . وفي حال عدم الالتزام بذلك فإن تسجيل الطالب لذلك المقرر يعتبر لاغياً ولا ترصد له رسوم المقرر.

يجوز للطالب وبموافقة عميد الكلية المعني التسجيل بمقرر متزامناً مع متطلبه السابق في فصل التخرج فقط, على ان يتقدم الطالب بطلب الاستثناء بموعد أقصاه نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وخلال ثلاثة أيام من الفصل الدراسي الصيفي.

إجراء تسجيل مقرر دون استيفاء المتطلب السابق:

١. يتقدم الطالب بطلب تسجيل مقرر دون استيفاء المقرر السابق من خلال نظام معلومات الطلبة إس أي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي.
٢. يقوم المرشد الأكاديمي بالموافقة على طلب تسجيل مقرر دون استيفاء المقرر السابق بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
٣. رفعه لرئيس القسم لإيداء الرأي والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس
٤. يبت عميد الكلية بطلب رفع حالة للإيقاف عن الطالب. والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٥. بعد أخذ موافقة عميد الكلية تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس.

10- Registering less than 12 credit hours per semester:

The student may register less than 12 credit hours in the main semester (first or second) if there are sufficient justifications for this exception.

Procedure for Registering less than 12 credit hours per semester:

1. The student submits an request for registration of less than 12 hours through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester.
2. The academic advisor approves a registration request of less than 12 hours, in a manner that does not violate the study and examination rules & regulations for the undergraduate level and their executive rules Dar Al Uloom University.
3. The academic advisor submits the request to the head of the department for approval through the.
4. The dean of the college decides on a request and approval through the SIS.
5. After obtaining the approval of the Dean of the College, the Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the (SIS).

١٠- تسجيل أقل من ١٢ ساعة معتمدة في الفصل الدراسي:

يجوز للطالب/الطالبة في مرحلة البكالوريوس تسجيل أقل من ١٢ ساعة معتمدة في الفصل الدراسي الرئيس (الأول أو الثاني) في حال وجود مبررات كافية لدى الطالب تستدعي هذا الاستثناء.

إجراء تسجيل مقرر دون استيفاء المتطلب السابق:

١. يتقدم الطالب بطلب تسجيل أقل من ١٢ ساعة من خلال نظام معلومات الطلبة إس آي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الصيفي.
٢. يقوم المرشد الأكاديمي بالموافقة على طلب تسجيل أقل من ١٢ ساعة بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية وقواعدهما التنفيذية الصادرة لها من جامعة دار العلوم.
٣. رفعه لرئيس القسم لإبداء الرأي والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس، بيت عميد الكلية بطلب رفع حالة للإيقاف عن الطالب. والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس.
٤. بعد أخذ موافقة عميد الكلية تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس آي إس.

11- Transfer:

Procedure for Transfer from one university to another:

1. The student brings the academic transcript stamped by the university in which he /she studied and fills out the course equivalency form prepared by the Deanship of Admission and Registration and Student Affairs before the end of the first week of the main semester (first or second) and three days of the summer semester.
2. The request for equivalency is referred to the college or the university preparation program so that they carry out the equivalency procedures in a manner that does not violate the rules& regulations of study and examinations for the undergraduate level and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University.
3. The dean of the college decides on a request to remove the student from being suspended and approval or not through the SIS.
4. After completing all the necessary signatures, the Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the SIS.

Transfer from one college to another or from one major to another:

1. The student applies for a transfer from one college to another through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester.
2. After deciding on the student request by the concerned deans and approval , the Registration Department at the Deanship of Admission and Registration & Student Affairs, will implement the process on the SIS .
3. The student consults his / her academic advisor to register his courses.

ا- التحويل:

إجراء التحويل من جامعة إلى جامعة أخرى:

1. مصطحبا معه سجل الدرجات مختوما من الجامعة التي درس فيها يتقدم الطالب/الطالبة بتعبئة نموذج معادلة المقررات المعد من عمادة القبول والتسجيل وشؤون الطلاب قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي.
2. تحال المعادلة إلى الكلية أو برنامج الإعداد الجامعي ليقوموا بإجراءات المعادلة بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
3. يبت عميد الكلية بطلب رفع حالة للإيقاف عن الطالب. والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
4. بعد استيفاء جميع التواقيع اللازمة تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس.

التحويل من كلية إلى أخرى داخل الجامعة:

1. إجراء التحويل من كلية إلى كلية أخرى أو من تخصص لآخر:
2. يتقدم الطالب بطلب تحويل من كلية إلى أخرى من خلال نظام معلومات الطلبة إس أي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي.
3. بعد البت في الطاب من عميد الكلية المحول منها وعميد الكلية المحول إليها.
4. بعد الانتهاء من الفقرة الثانية تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس.
5. يراجع الطالب مرشده الأكاديمي لتسجيل مقرراته.

Academic Procedures During the Semester

1- Withdraw from one or more courses with a “W” grade:

- ❖ A student can withdraw from one or more courses with a grade of “W” according to the dates specified in the academic calendar of Dar Al Uloom University. If the student requests withdrawal with a grade of “W” from all courses registered for him/her in the semester, this will be considered as withdrawal from the whole semester.
- ❖ The exact dates of the deadlines for withdrawing from one or more “W” grade courses will appear in the academic calendar of Dar Al Uloom University.

Procedure for withdrawing from one or more courses with an “W” grade:

1. The student submits a request to withdraw from one or more courses with a grade of “W” through the SIS according to the dates specified according to the academic calendar of Dar Al Uloom University
2. The academic advisor approves the student’s request in a manner that does not violate the study and examination rules & regulations for the undergraduate level and the unified regulations for studies Higher Education and their executive rules by Dar Al Uloom University.
3. The head of the department or his/her designee decides on the approval of the request through the SIS .
4. The Dean of the College or his/her designee decides to approve the request or not through the (SIS).
5. Based on the decision of the Dean of the College or his/her designee, the Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the Student Information System (SIS).

الإجراءات الأكاديمية خلال الفصل الدراسي

1- الانسحاب من مقرر أو أكثر بدرجة “ع”:

- ❖ يمكن للطالب/للطالبة الانسحاب من مقرر واحد أو أكثر بدرجة “ع” حسب التواريخ المحددة وفقاً للتقويم الأكاديمي لجامعة دار العلوم، وإذا طلب الطالب/الطالبة الانسحاب بدرجة “ع” من جميع المقررات المسجلة له في الفصل، فسيُعتبر ذلك بمثابة انسحاب من فصل دراسي.
 - ❖ ستظهر التواريخ الدقيقة للمواعيد النهائية للانسحاب من مقرر واحد أو أكثر بدرجة “ع” في التقويم الأكاديمي لجامعة دار العلوم.
- ### **إجراء الانسحاب من مقرر أو أكثر بدرجة “ع”:**
1. يتقدم الطالب بطلب الانسحاب من مقرر أو أكثر بدرجة “ع” من خلال نظام معلومات الطلبة إس إس إس حسب التواريخ المحددة وفقاً للتقويم الأكاديمي لجامعة دار العلوم.
 2. يقوم المرشد الأكاديمي بالموافقة على طلب رفع حالة الإيقاف بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
 3. يقوم رئيس القسم أو من يفوضه للموافقة على الطلب من عدمها من خلال نظام معلومات الطلبة إس إس إس
 4. يبت عميد الكلية أو من يفوضه للموافقة على الطلب من عدمها من خلال نظام معلومات الطلبة إس إس إس.
 5. بناء على قرار عميد الكلية أو من يفوضه تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس إس إس.

2- Postponement and apology for a semester with an “W” grade in all registered courses and stopping studying:

Academic postponement procedure:

1. The student submits a request to postpone the semester or withdraw from a semester through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester.
2. The academic advisor approves the student’s request in a manner that does not violate the study and examination rules & regulations for the undergraduate level and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University.
3. The academic advisor submits the request to the department council or whoever it delegates for approval through the SIS .
4. The College Council, or whoever it delegates, decides on the approval of the postponement of dismissal through the SIS.
5. The Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the SIS based on the previous item.

٢- التأجيل والاعتذار عن فصل دراسي بدرجة “ع” في جميع المقررات المسجلة والانقطاع عن الدراسة:

إجراء تأجيل فصل دراسي:

١. يتقدم الطالب بطلب تأجيل الفصل أو الاعتذار عن فصل دراسي خلال نظام معلومات الطلبة إس آي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي.
٢. يقوم المرشد الأكاديمي بالموافقة على طلب تأجيل الفصل بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
٣. رفع الطلب لمجلس القسم أو من يفوضه للموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس
٤. بيت مجلس الكلية أو من يفوضه بطلب تأجيل الفصل والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس.
٥. تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس آي إس بناء على الفقرة السابقة.

3- Apology for a semester with an “w” grade in all registered courses:

1. The student submits a request to withdraw from a semester with a grade of “w” in all courses registered through the SIS before the end of the first week of the main semester (first or second) and three days of the summer semester according to the academic calendar approved by the University Council.
2. The academic advisor approves the request to postpone the dismissal in a manner that does not violate the study and examination rules & regulations for the undergraduate level and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University.
3. The academic advisor submits the request to the department council or whoever it delegates for approval through the SIS .
4. The College Council, or whoever it delegates, decides whether to request and approve a postponement of dismissal through the SIS
5. The Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the SIS based on the previous item.

٣- اعذار عن فصل دراسي بدرجة “ع” في جميع المقررات المسجلة:

١. يتقدم الطالب بطلب الاعتذار عن فصل دراسي بدرجة “ع” في جميع المقررات المسجلة خلال نظام معلومات الطلبة إس أي إس قبل نهاية الأسبوع الأول من الفصل الدراسي الرئيس (الأول أو الثاني) وثلاثة أيام من الفصل الدراسي الصيفي حسب التقويم الأكاديمي المعتمد من مجلس الجامعة.
٢. يقوم المرشد الأكاديمي بالموافقة على طلب تأجيل الفصل بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
٣. رفع الطلب لمجلس القسم أو من يفوضه للموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس
٤. يبت مجلس الكلية أو من يفوضه بطلب تأجيل الفصل والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٥. تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس بناء على الفقرة السابقة.

4- Attendance:

Procedure for removing deprivation:

1. After the student obtains a deprivation in the course and his attendance rate is 50% or more, the student can request to lift the deprivation through the SIS .
2. The academic advisor approves the request to lift the deprivation in a manner that does not violate the study and examination rules & regulations for the undergraduate level and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University.
3. The academic advisor submits the request to the department council or whoever it delegates for approval or not through the SIS .
4. The College Council or whoever it delegates decides on the request to lift the deprivation, and approve or not through the SIS .
5. The University Council or whoever it delegates shall decide on the request to lift the deprivation and approval or not through the SIS .
6. The Registration Department at the Deanship of Admission and Registration and Student Affairs, implements the process on the SIS student information system according to the decision in the previous item.

٤- المواظبة:

إجراء رفع الحرمان:

١. بعد حصول الطالب على حرمان في المقرر وكانت نسبة حضوره ٥٠% فأكثر فيمكن للطالب بطلب رفع الحرمان من خلال نظام معلومات الطلبة إس أي إس
٢. يقوم المرشد الأكاديمي بالموافقة على طلب رفع الحرمان بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم.
٣. رفع الطلب لمجلس القسم أو من يفوضه للموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس
٤. بيت مجلس الكلية أو من يفوضه بطلب رفع الحرمان، والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٥. بيت مجلس الجامعة أو من يفوضه بطلب رفع الحرمان، والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٦. تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس. حسب القرار في الفقرة السابقة.

٥- الغياب عن الاختبار النهائي:

5- Absence from the final exam:

Alternative final exam procedures:

1. After the student's absence from the final exam in a course, the student can submit a request for an alternative final exam through the SIS.
2. The academic advisor approves the request for an alternative final exam in a manner that does not violate the study and examination regulations for the undergraduate level and the unified regulations for postgraduate studies and their executive rules by the university.
3. The academic advisor submits the application to the department council or whoever it delegates for approval or not through the SIS .
4. The College Council or whoever it delegates decides to request an alternative final exam, and approve it through the SIS.
5. The Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the SIS Student Information System, according to the decision in the previous item.

إجراءات اختبار نهائي بديل:

١. بعد غياب الطالب عن الاختبار النهائي في مقرر ما فيمكن للطالب التقدم بطلب اختبار نهائي بديل من خلال نظام معلومات الطلبة إس آي إس.
٢. يقوم المرشد الأكاديمي بالموافقة على طلب اختبار نهائي بديل بما لا يخالف لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من الجامعة.
٣. رفع الطلب لمجلس القسم أو من يفوضه للموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس
٤. يبت مجلس الكلية أو من يفوضه بطلب اختبار نهائي بديل، والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس آي إس.
٥. تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس آي إس حسب القرار في الفقرة السابقة.

6- Procedure of a student's objection to the semester work score, the final exam score, or the score of both:

1. If a student wishes to object to the semester work score or the final exam score, or both, in a course.
2. He /she can do so by submitting a request to object to a score through the SIS, specifying exactly his/her objection to any grade (semester work, final exam, or both).
3. The academic advisor submits the request to the department council or whoever it delegates for approval or not through the SIS. The objection request is decided according to the procedures stipulated in the rules & regulations for study and examinations for the undergraduate level and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University with the obligation to fill in the grades fields after modification, whether there is a change in the grade or it remains the same.
4. The College Council or whoever it delegates decides on the objection request according to the procedures stipulated in the undergraduate study and examination rules & regulations and the unified regulations for postgraduate studies and their executive rules by Dar Al Uloom University, and approval or not through the SIS.
5. The Registration Department at the Deanship of Admission and Registration & Student Affairs, implements the process on the SIS Student Information System, according to the decision in the previous item.

٦-اعتراض على درجة الأعمال الفصلية أو على الاختبار النهائي أو على كليهما:

١. إجراء اعتراض طالب على درجة الأعمال الفصلية أو على درجة الاختبار النهائي أو على درجة كليهما معا.
٢. عند رغبة الطالب اعتراض على درجة الأعمال الفصلية أو درجة الاختبار النهائي أو على كليهما في مقرر ما فيمكنه ذلك من خلال تقديم طلب اعتراض على درجة من خلال نظام معلومات الطلبة إس أي إس ويحدد بالضبط اعتراضه على أي درجة (أعمال الفصلية أو النهائي أو على كليهما)
٣. رفع الطلب لمجلس القسم أو من يفوضه للموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس ليبت في طلب الاعتراض حسب الإجراءات المنصوص عليها في لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم مع وجوب تعبئة خانة الدرجة بعد التعديل سواء هناك تغيير في الدرجة أم بقاءها كما هي.
٤. يبت مجلس الكلية أو من يفوضه في طلب الاعتراض حسب الإجراءات المنصوص عليها في لائحة الدراسة والاختبارات للمرحلة الجامعية واللائحة الموحدة للدراسات العليا وقواعدهما التنفيذية الصادرة لهما من جامعة دار العلوم، والموافقة عليه من عدمها من خلال نظام معلومات الطلبة إس أي إس.
٥. تقوم إدارة التسجيل بعمادة القبول والتسجيل وشؤون الطلاب بتنفيذ العملية على نظام معلومات الطلبة إس أي إس حسب القرار في الفقرة السابقة

Internship Program

برنامج تدريب الامتياز

المقدمة:

Introduction:

The Internship Program is a 12-month training program that qualifies holders of a Bachelor of Dental Surgery (BDS) for registration as a dental practitioner by the Saudi Commission for Health Specialties.

The main aim of the internship program is to facilitate the transition of closely supervised undergraduate students to become independent dental practitioners responsible for their own professional decisions. It also serves as an essential buffer for academic authorities to ensure that university curricula are fairly adequate and structurally sound. In addition, it exposes the interns to the different specialties in dentistry which may help them identify their particular area of interest in dentistry and provide them with sufficient information regarding the different career options.

Internship program objectives:

- 1- Improving interns' knowledge of dentistry.
- 2- Developing the clinical skills of the interns.
- 3- Developing the interns ' confidence in their skills and abilities.
- 4- Improving communication skills.
- 5- Professional development.
- 6- Developing scientific research skills.
7. Participation in the community and voluntary dental project.

برنامج الامتياز هو برنامج تدريبي مدته ١٢ شهراً يؤهل حاملي شهادة البكالوريوس في جراحة الأسنان (BDS) للتسجيل كممارس أسنان من قبل الهيئة السعودية للتخصصات الصحية.

يتمثل جوهر برنامج التدريب الداخلي في طب الأسنان في تسهيل انتقال الطلاب الجامعيين الخاضعين للإشراف عن كثب ليصبحوا ممارسين مستقلين لطب الأسنان مسؤولين عن التدقيق المهني الخاص به. كما أنه بمثابة فترة عازلة أساسية للسلطات الأكاديمية للتأكد من أن المناهج الجامعية مناسبة إلى حد ما وسليمة من الناحية الهيكلية. بالإضافة إلى ذلك ، فإنه يعرض المتدربين للتخصصات المختلفة في طب الأسنان والتي قد تساعد على تحديد مجال اهتمامه الخاص في طب الأسنان وتزويدهم بالمعلومات الكافية المتعلقة بالخيارات المهنية المختلفة.

يهدف هذا البرنامج إلى تحقيق ما يلي:

- ١- تحسين معرفة طب الأسنان لدى المتدربين
- ٢- تنمية المهارات السريرية للمتدربين.
- ٣- تنمية ثقة المتدرب في مهاراته وقدراته
- ٤- تحسين مهارات الاتصال.
- ٥- تنمية المهنية
- ٦- تنمية مهارات البحث العلمي.
- ٧- المشاركة في مشروع طب الأسنان المجتمعي والتطوعي

❖ Learning objectives:

Care and clinical skills:

At the end of the dental internship program, interns should be able to:

1. Safely perform clinical procedures to ensure that patients are not exposed to unnecessary risks.
2. Apply the principles of good dental practice and the standards of competence, care and behavior expected of any dentist worldwide.
3. Integrate the clinical, basic, behavioral and social sciences that underpin dental practice.
4. Recognize personal and professional limitations, and be willing to ask for help when necessary.
5. Recognize the health risks of dental practice.
6. Respond to patients' complaints and questions appropriately and effectively.
7. Perform a clinical dental examination and interpreting and analyzing the results of the examination and x-ray images.
8. Gain experience in obtaining a detailed patient history record (eg, including CC, Hx, MHx, etc.) and making clinical and prognosis decisions based on evidence collected.
9. Write a treatment plan to investigate and manage the condition.
10. Management of dental emergencies.
11. Work in a dental clinic with minimal supervision.
12. Provide appropriate care for medically vulnerable patients (such as recurrent and chronic illnesses and people with mental or physical disabilities).
13. Work in various medical hospitals and provide dental services to the public.
14. Explain preventive methods to educate the patient.
15. Perform various dental cavity preparations (eg: CL I, II, III, IV & VI, etc.)
16. Perform various crown preparations to create PFM and all-porcelain crowns, and use appropriate adhesive.

❖ أهداف التعلم:

الرعاية والمهارات السريرية:

في نهاية برنامج التدريب على طب الأسنان ، يجب أن يكون المتدربون قادرين على:

1. تنفيذ الإجراءات السريرية بأمان لضمان عدم تعرض المرضى لمخاطر غير ضرورية.
2. تطبيق مبادئ الممارسة الجيدة لطب الأسنان ومعايير الكفاءة والرعاية والسلوك المتوقع من أي طبيب أسنان في جميع أنحاء العالم.
3. دمج العلوم السريرية والأساسية والسلوكية والاجتماعية التي تقوم عليها ممارسة طب الأسنان.
4. التعرف على الحدود الشخصية والمهنية ، وكن على استعداد لطلب المساعدة عند الضرورة.
5. التعرف على المخاطر الصحية لممارسة طب الأسنان.
6. الرد على شكاوى وأسئلة المرضى بشكل مناسب وفعال.
7. إجراء الفحص السريري للأسنان وتفسير وتحليل نتائج الفحص وصور الأشعة.
8. اكتساب الخبرة في الحصول على سجل مفصل لتاريخ المريض (على سبيل المثال ، بما في ذلك CC و Hx و MHx وما إلى ذلك) واتخاذ القرارات السريرية والتشخيص بناءً على الأدلة التي تم جمعها.
9. كتابة خطة علاجية للتحقيق في الحالة وإدارتها.
10. إدارة حالات الأسنان الطارئة.
11. العمل في عيادة الأسنان مع الحد الأدنى من الإشراف.
12. توفير الرعاية المناسبة للمرضى المعرضين للخطر طبيًا (مثل الأمراض المتكررة والمزمنة والأشخاص ذوي الإعاقات العقلية أو الجسدية).
13. العمل في المستشفيات الطبية المختلفة وتقديم خدمات طب الأسنان للجمهور.
14. شرح الوسائل الوقائية لتثقيف المريض.
15. إجراء تحضيرات مختلفة لتجويف الأسنان (على سبيل المثال: CL I ، III ، II ، IV & VI ، إلخ) مع الحد الأدنى من التدخل الجراحي ، واستخدام المواد المناسبة (مثل : املغم ، كومبوسيت ، IRM ، إلخ) لاستعادة الوظيفة والجمال
16. إجراء تحضيرات مختلفة للتاج لإنشاء PFM وجميع التيجان الخزفية ، واستخدام مادة الإلصاق المناسبة.

17. Replacement of missing teeth with fixed partial dentures, removable dentures, or full dentures as shown in the case.
18. Perform root canal treatment including pulping of the indicated teeth (anterior, premolar, and first molars) using appropriate tools and devices.
19. Deep and superficial tartar cleaning of the teeth.
20. Recognize advanced level cases and write a detailed referral form (including dot information, CC., HxCC, MHx, radiographic and clinical findings, DD and proposed Tx plan) to the appropriate department.
21. Perform simple oral surgeries such as extractions and sutures.
22. Treat children's teeth as per the protocol designated for their treatment.
23. Document treatment procedures in the patient's file.
24. Practice infection control policies and rules of procedure in the clinic.
25. Demonstrate proficiency in cardiopulmonary resuscitation and basic life support skills.
26. Time management in the clinic.
27. Knowledge of dental malpractices and their management.
28. Knowledge of commonly prescribed medications in dentistry (indications, contraindications, side effects, drug interactions and antibiotic resistance).

١٧. استبدال الأسنان المفقودة بأطقم أسنان جزئية ثابتة أو طقم أسنان قابل للإزالة أو طقم أسنان كامل كما هو موضح بالحالة.
١٨. إجراء علاج قناة الجذر بما في ذلك نزع اللب للأسنان المشار إليها (الأمامية ، والضاحك ، والضرس الأول) باستخدام الأدوات والأجهزة المناسبة.
١٩. تنظيف الجير العميق والسطحي للأسنان.
٢٠. التعرف على الحالات ذات المستوى المتقدم وكتابة نموذج إحالة مفصل (بما في ذلك معلومات نقطة ، CC. ، HxCC ، MHx، النتائج الشعاعية والسريرية ، DD وخطة Tx المقترحة) إلى القسم المناسب.
٢١. إجراء العمليات الجراحية الغموية البسيطة مثل الخلع والخياطة.
٢٢. علاج أسنان الأطفال طبقاً للبروتوكول المخصص لعلاجهم.
٢٣. توثيق إجراءات العلاج في ملف المريض.
٢٤. ممارسة سياسات مكافحة العدوى وقواعد الإجراءات في العيادة.
٢٥. إظهار الكفاءة في الإنعاش القلبي الرئوي ومهارات دعم الحياة الأساسية.
٢٦. إدارة الوقت في العيادة.
٢٧. معرفة الممارسات الخاطئة في طب الأسنان وإدارتها.
٢٨. معرفة الأدوية الموصوفة بشكل شائع في طب الأسنان (المؤشرات ، موانع الاستعمال ، الآثار الجانبية ، التفاعلات الدوائية ومقاومة المضادات الحيوية).

Professionalism and Communication Skills:

At the end of the dental internship program, interns should be able to:

1. Acquire, evaluate and integrate new knowledge with old knowledge and be able to adapt it to improve his/her profession.
2. Continuously be updated of professional development to ensure that a high level of competence and clinical knowledge is maintained.
3. Taking into account medical and dental ethics when making decisions.
4. Constructive response to evaluation results and performance review and evaluation.
5. Accepting the moral and ethical responsibilities involved in providing care to patients and communities.
6. Respect for patients regardless of their lifestyle, culture, belief, race, color, gender, disability, age, social or economic status.
7. Respect patients' right to participate fully in decisions about their care, including the right to refuse treatment or to refuse to participate in teaching or research.
8. Demonstrate effective teamwork and leadership skills in a multi-occupational environment.
9. Maintain confidentiality.
10. Practice dentistry as a general practitioner with high ethical and professional standards.
11. Work effectively, developing and maintaining successful relationships with his /her patients and colleagues.

الاحتراف ومهارات الاتصال:

في نهاية برنامج التدريب على طب الأسنان ، يجب أن يكون المتدربون قادرين على:

١. اكتساب وتقييم ودمج المعرفة الجديدة مع المعرفة القديمة والقدرة على تكييفها لتحسين مهنته / مهنيتها.
٢. مواكبة التطور المهني باستمرار لضمان الحفاظ على مستوى عالٍ من الكفاءة والمعرفة السريرية.
٣. مراعاة أخلاقيات الطب وطب الأسنان عند اتخاذ القرارات.
٤. الاستجابة البناءة لنتائج التقييم ومراجعة الأداء وتقييمه.
٥. قبول المسؤوليات المعنوية والأخلاقية التي ينطوي عليها تقديم الرعاية للمرضى الأفراد والمجتمعات.
٦. احترام المرضى بغض النظر عن نمط حياتهم أو ثقافتهم أو معتقداتهم أو عرقهم أو لونهم أو جنسهم أو إعاقتهم أو سنهم أو وضعهم الاجتماعي أو الاقتصادي.
٧. احترام حق المرضى في المشاركة الكاملة في القرارات المتعلقة برعايتهم ، بما في ذلك الحق في رفض العلاج أو رفض المشاركة في التدريب أو البحث.
٨. إظهار مهارات العمل الجماعي والقيادة الفعالة في بيئة متعددة المهن.
٩. الحفاظ على السرية.
١٠. ممارسة طب الأسنان كممارس عام بمعايير أخلاقية ومهنية عالية.
١١. العمل بفعالية ، وتطوير والحفاظ على علاقات ناجحة مع مرضاه وزملائه.

Scientific Research:

At the end of the dental internship program, interns should be able to:

1. Learn the basics of scientific research.
2. Learn about study designs.
3. Conducting scientific research (eg, proposal defense, research presentation, poster presentation).
4. Understand the basics of biostatistics.
5. Presentation of scientific research, topic and cases with good verbal communication.
6. Writing a scientific research manuscript to improve scientific writing skills
7. Use a variety of audiovisual means to record, organize, and present information, including computers and projectors.

Community and Volunteer Dentistry Project:

At the end of the dental internship program, interns should be able to:

1. Evaluate community needs and what services can best be provided.
2. Understand the principles of dental education and patient examination in health promotion and disease prevention.
3. Developing community projects that help prevent dental diseases.

Learning Skills:

At the end of the dental internship program, interns should be able to:

1. Discuss various dental topics with colleagues.
2. Constructive criticism of dental treatment options and scientific papers.
3. Lead a group discussion with colleagues.
4. Determine his/her learning needs.
5. Develop self-learning skills

البحث:

في نهاية برنامج التدريب على طب الأسنان ، يجب أن يكون المتدربون قادرين على:

1. التعرف على أساسيات البحث العلمي.
2. تعرف على تصاميم الدراسة.
3. إجراء البحث العلمي (على سبيل المثال ، دفاع الاقتراح وعرض البحث وعرض الملصق).
4. فهم أساسيات الإحصاء الحيوي.
5. عرض البحث العلمي والموضوع والحالات مع التواصل اللفظي الجيد.
6. كتابة مخطوطة بحث علمي لتحسين مهارات الكتابة العلمية
7. استخدام مجموعة متنوعة من الوسائل السمعية والبصرية لتسجيل المعلومات وتنظيمها وتقديمها بما في ذلك أجهزة الكمبيوتر وأجهزة العرض.

مشروع طب الأسنان المجتمعي والمتطوع:

في نهاية برنامج التدريب على طب الأسنان ، يجب أن يكون المتدربون قادرين على:

1. تقييم احتياجات المجتمع والخدمات التي يمكن تقديمها على أفضل وجه.
2. فهم مبادئ تعليم الأسنان وفحص المريض في تعزيز الصحة والوقاية من الأمراض.
3. تطوير مشاريع مجتمعية تساعد في الوقاية من أمراض الأسنان.

مهارات التعلم:

في نهاية برنامج التدريب على طب الأسنان ، يجب أن يكون المتدربون قادرين على:

1. ناقش مواضيع طب الأسنان المختلفة مع الزملاء.
2. النقد البناء لخيارات علاج الأسنان والأوراق العلمية.
3. قيادة مناقشة المجموعة مع الزملاء.
4. تحديد احتياجات التعلم الخاصة به.
5. تطوير مهارات التعلم الذاتي.

