



FACULTY of DENTISTRY TANTA NATIONAL UNIVERSITY

كلية طب الأسنان
جامعة طنطا الأهلية

مقترح برنامج
طب وجراحة الفم والأسنان
كلية طب الأسنان
جامعة طنطا الأهلية
بنظام الساعات المعتمدة

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- ✓ رسالة البرنامج
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نبذة عن البرنامج :

تعد جامعة طنطا من أعرق الجامعات المصرية والرائدة في التعليم العالي والبحث العلمي وخدمة البيئة والمجتمع المحيط بها. كلية طب الأسنان جامعة طنطا هي الرائدة في مجال طب الأسنان ومن أجل الاستمرارية في النجاح ولما يشهده العالم من تطورات سريعة في مجال الرقمنة والذكاء الاصطناعي، وفي ضوء رؤية مصر 2030 أصبح من الضروري مواكبة هذه التحولات في مجال طب الأسنان لضمان تقديم رعاية صحية أكثر دقة وكفاءة. يُعد دمج التقنيات الرقمية مثل الذكاء الاصطناعي، وتحليل البيانات، والتصوير ثلاثي الأبعاد، والروبوتات في طب الأسنان نقلة نوعية في تعزيز التشخيص والعلاج مما أدى إلى تحولا جذرياً في ظل التطورات التكنولوجية المتسارعة، حيث لم يعد طب الأسنان مقتصرًا على المهارات السريرية التقليدية، بل أصبح يعتمد على التكامل بين التخصصات المختلفة، مثل الهندسة الطبية، وعلوم البيانات، والذكاء الاصطناعي. كما أن الاتصال والمشاركة الفعالة بين الأطباء والباحثين والشركات التقنية أصبح ضرورياً لتبادل المعرفة ودفع عجلة الابتكار. بالإضافة إلى ذلك، فإن الاستدامة في ممارسات طب الأسنان، من خلال استخدام تقنيات صديقة للبيئة ومواد مستدامة، باتت جزءاً أساسياً من المسؤولية المجتمعية للمهنة. أما الريادة والابتكار، فهما المحركان الأساسيان لتطوير حلول طبية ذكية، مثل الروبوتات الجراحية، وتصميم الابتسامات الرقمية، وطب الأسنان التنبؤي القائم على تحليل البيانات، مما يضع أطباء الأسنان في صدارة القطاع الصحي الحديث. من خلال هذا التكامل بين التخصصات، واعتماد منهجية التعاون والاستدامة، يمكن لطب الأسنان أن يقدم رعاية أكثر دقة، وكفاءة، وابتكاراً، تماشياً مع متطلبات المستقبل. وسعيًا إلى صعود الجامعة إلى التصنيف الدولي سعت الكلية إلى أن تراعي جميع المعايير الدولية الحديثة في التعليم الطبي من تعليم وتعلم وتقييم للطلاب.

رؤية الكلية:

أن تكون الكلية رائدة محليا ودوليا في مجال التعليم والبحث العلمي والخدمة المجتمعية والابتكار وفقا للمعايير الدولية لطب الاسنان المتميز عبر التكامل الرقمي والتنمية المستدامة.

رسالة الكلية:

تلتزم كلية طب الاسنان جامعة طنطا الاهلية بتقديم تعليم طبي راقق ومتميز لإعداد خريجين مؤهلين مهنيا واخلاقيا وقادرين على توظيف التقنيات الرقمية والذكاء الاصطناعي لتحسين جودة التشخيص والعلاج وتلبية احتياجات المجتمع ومواكبة التطورات العالمية في مجال البحث العلمي في طب الاسنان لخدمة مجتمعية متميزة.

الأهداف:

1. تزويد الطالب بالمهارات التقنية اللازمة لإستخدام الذكاء الاصطناعي والأدوات الرقمية في تشخيص وعلاج أمراض الفم والأسنان.
2. تطوير مناهج دراسية وعملية تتضمن أحدث التطورات في طب الأسنان الرقمي .
3. تشجيع البحث العلمي في تطبيقات الذكاء الاصطناعي والبيانات الضخمة في طب الأسنان
4. تعزيز التعاون بين الجامعات ومراكز الأبحاث والشركات التقنية.

5. إعداد خريجين قادرين على المنافسة في سوق العمل المحلي والعالمي، بمهارات متقدمة في التقنيات الحديثة .
6. عقد شراكات مع المراكز الطبية والمستشفيات الذكية لتوفير فرص تدريب وتوظيف للخريجين .
7. رفع وعي المجتمع بأهمية طب الأسنان الرقمي من خلال الحملات التوعوية .
8. تقديم استشارات وخدمات طبية متطورة باستخدام التقنيات الذكية .
9. تطبيق القيم والمبادئ والأخلاقيات في ممارسة مهنة طب الأسنان مع مراعاة مبادئ أخلاقيات المهنة وقيم المجتمع إلى جانب الأهداف والتطلعات الوطنية لكي تتلاءم مع متطلبات سوق العمل المحلي والإقليمي وأن يكون مواكبا للتطورات الحديثة في علم طب الأسنان .
10. المحافظة على أعلى مستويات الأمان ومكافحة العدوى وتدريب الطلاب على مختلف أساليب الوقاية لكسب ثقة المجتمع المحلي في خريجي الكلية في المرحلة الحالية ثم كسب ثقة المجتمع الإقليمي ومن ثم العالمي .
11. تشجيع العمل بروح الفريق التي تساعد على زيادة مهارات التواصل لدى الطلاب.
12. تدويل الكلية من خلال ايجاد قنوات دراسية تمكن من التعامل مع الجامعات المصرية والأجنبية في مجال طب الفم والأسنان

المواصفات العامة للخريجين:

1. خريجون متميزون قادرين على قيادة التحول الرقمي في طب الأسنان .
2. بحوث مبتكرة تساهم في تطور المجال والتنمية المستدامة.
3. شراكات استراتيجية مع قطاعات الصناعة والرعاية الصحية .
4. تحسين جودة الخدمات الطبية ورضا المرضى.

مخرجات التعليم المستهدفة:

بناء مخرجات تعليمية مستهدفة ومبنية على الجداريات يساهم في تحسين جودة التعليم وزيادة فعاليته في إعداد الطلاب للمستقبل. مخرجات التعليم المستهدفة والمبنية على الجداريات هي نتائج تعليمية محددة ومرتبطة بالمهارات والجداريات التي يكتسبها الطلاب خلال عملية التعلم. تركز هذه المخرجات على تطوير قدرات الطلاب وتمكينهم من تطبيق المعرفة والمهارات في سياقات عملية وواقعية.

مخرجات التعليم المستهدفة والمبنية على الجداريات تشمل:

1. المعرفة: فهم المفاهيم والمبادئ الأساسية في مجال طب الأسنان.
2. المهارات: القدرة على تطبيق المعرفة في مواقف عملية، مثل حل المشكلات، التحليل، والتفكير النقدي و الابداعي.
3. القدرات: القدرة على التعامل مع التحديات والمواقف المعقدة، مثل العمل الجماعي، التواصل الفعال، والتكيف مع التغيير.
4. القيم والاتجاهات: تطوير القيم والاتجاهات الإيجابية، مثل الالتزام، المسؤولية، والاحترام.

أهمية مخرجات التعليم المستهدفة والمبنية على الجداريات:

1. تطوير المهارات العملية: تمكين الطلاب من اكتساب المهارات اللازمة للنجاح في سوق العمل.
2. تحسين جودة التعليم: ضمان أن يكون التعليم ذا صلة بالاحتياجات الفعلية لسوق العمل.
3. تعزيز التوظيف: زيادة فرص الطلاب في الحصول على وظائف مناسبة بعد التخرج.

4. تطوير الذات: مساعدة الطلاب على تطوير قدراتهم الشخصية والمهنية.

كيفية تحقيق مخرجات التعليم المستهدفة والمبنيّة على الجدارات:

1. تحديد الأهداف التعليمية: وضع أهداف تعليمية واضحة ومحددة تركّز على الجدارات والمهارات المطلوبة.

2. تصميم المناهج: تصميم مناهج تعليمية تركّز على تطوير الجدارات والمهارات العملية.

3. طرق التدريس: استخدام طرق تدريس تفاعلية وتحفيزية تشجع الطلاب على المشاركة والتفاعل.

4. التقييم والمتابعة: تقييم أداء الطلاب ومتابعة تقدمهم لضمان تحقيق الأهداف التعليمية.



الباب الثاني:

- ✓ مادة 1 الأقسام العلمية بالكلية
- ✓ مادة 2 الدرجة العلمية
- ✓ مادة 3 مدة الدراسة
- ✓ مادة 4 الفصول الدراسية
- ✓ مادة 5 لغة الدراسة
- ✓ مادة 6 المقررات المؤهلة للحصول على درجة البكالوريوس
- ✓ مادة 7 مستويات الدراسة
- ✓ مادة 8 شروط الالتحاق
- ✓ مادة 9 نظام الدراسة
- ✓ مادة 10 القيد وإعادة القيد
- ✓ مادة 11 إيقاف القيد
- ✓ مادة 12 إعادة المقرر
- ✓ مادة 13 الإرشاد الأكاديمي
- ✓ مادة (14) مرتبة الشرف

الباب الثاني

مادة (1) :- الأقسام العلمية بالكلية:

يضم البرنامج عشر أقسام حيث يشرف كل قسم اشرافا علميا على مجموعة مقررات تقع في نطاق تخصصه العلمي حيث يتولى القسم اعداد توصيف كل مقرر ومحتويات وكذلك اعداد ملف لكل مقرر

<u>القسم العلمي</u>	<u>Departments</u>
1- بيولوجيا الفم	1. Oral Biology
2- أمراض الفم	2.Oral & Maxillofacial Pathology
3- المواد الحيوية لطب الأسنان	3 .Dental Bio-materials
4- العلاج التحفظي التجميلي للأسنان	4. Restorative Esthetic Dentistry
5- الاستعاضة الصناعية في طب الأسنان	5. Prosthodontics
6- التركيبات الثابتة	6- Fixed Prosthodontics
7- علاج الجذور	7.Endodontics
8- طب أسنان الأطفال وصحة الفم وطب الأسنان الوقائي	8 .Pediatric Dentistry, Dental Public Health and Preventive Dentistry
9- جراحة الفم والوجه والفكين	9.Oral and Maxillofacial Surgery
10- تقويم الأسنان	10.Orthodontics
11- طب الفم وأمراض اللثة وطرق التشخيص والاشعة	11.Oral Medicine, Periodontology, Oral Diagnosis and Radiology

مادة (2) :- الدرجة العلمية

يمنح مجلس جامعة طنطا بناء على طلب مجلس كلية طب الأسنان درجة بكالوريوس طب وجراحة الفم والاسنان بنظام الساعات المعتمدة.
Bachelor of Dental Surgery (B.D.S)

مادة (3) : - مدة الدراسة

مدة الدراسة لنيل درجة البكالوريوس في طب وجراحة الفم والأسنان خمس سنوات (عشرة فصول دراسية).

مادة (4): -الفصول الدراسية

تقسم السنة الأكاديمية طبقاً لنظام التعليم الأمريكي بنظام الساعات المعتمدة الى ثلاثة فصول دراسية على النحو التالي :

✓ الفصل الأول (الخريف):

يبدأ في شهر سبتمبر ولمدة خمسة عشر اسبوعاً غير شامل فترة الامتحانات بخلاف اسبوعين لتسجيل المقررات قبل بداية الدراسة

✓ الفصل الثاني (الربيع) :

يبدأ في شهر فبراير ولمدة خمسة عشر اسبوعاً غير شامل فترة الامتحانات بخلاف اسبوعين لتسجيل المقررات قبل بداية الدراسة .

✓ الفصل (الصيفي) اختياري:

يبدأ في شهر يوليو ولمدة ثمانية اسابيع غير شامل فترة الامتحانات بخلاف اسبوع لتسجيل المقررات قبل بداية الدراسة.

مادة (5) لغة الدراسة:

الدراسة بالكلية باللغة الإنجليزية ويجوز تدريس بعض المقررات الاختيارية ومقررات الجامعة الإجبارية ذات الطبيعة الخاصة باللغة العربية.

مادة (6): المقررات المؤهلة للحصول على درجة البكالوريوس

✓ اجتياز الحد الأدنى لعدد الساعات المعتمدة المطلوبة للتخرج Minimum credit hours required for graduation

✓ يشترط للحصول على درج البكالوريوس بنظام الساعات المعتمدة ان يجتاز الطالب جميع المقررات المسجل بها الطالب طبقاً لمتطلبات اللائحة والمكافئة بحد أدنى 193 ساعة معتمده بالإضافة الي سنة تدريب امتياز إجبارية لنيل ترخيص مزاولة المهنة في جمهورية مصر العربية.

✓ يتكون هذا البرنامج من 193 ساعة معتمدة وبمعدل تراكمي لمتوسط النقاط (GPA) لا يقل عن (2) ويوزع كما هو مبين بالجدول :

البند	نوع المقررات	عدد الساعات المعتمدة	النسبة المئوية
أولا	متطلبات جامعية (إجبارية)	8	4.1%
ثانيا	متطلبات كلية (اختيارية)	6	3.1%
ثالثاً	متطلبات كلية (إجبارية)	179	92.7%
	إجمالي الساعات المعتمدة	193	100%

مادة (7) :- مستويات الدراسة

تقسم مستويات الدراسة الى خمس مستويات دراسية وتحدد مستويات الدراسة بعدد الساعات التي اجتازها الطالب بنجاح طبقا للجدول التالي:

عدد الساعات المعتمدة التي اجتازها الطالب بنجاح		المستوى الدراسي	
من	الي		
0 ساعة معتمدة	37 ساعة معتمدة	Freshman	المستوى الأول
38 ساعة معتمدة	76 ساعة معتمدة	Sophomore	المستوى الثاني
77 ساعة معتمدة	113 ساعة معتمدة	Junior	المستوى الثالث
114 ساعة معتمدة	152 ساعة معتمدة	Senior 1	المستوى الرابع
153 ساعة معتمدة	193 ساعة معتمدة	Senior 2	المستوى الخامس

ويجوز انتقال الطالب الى المستوى الاعلى بساعتين معتمدين اقل من الساعات المعتمدة المقررة للمستوى

مادة (8) شروط الالتحاق :

1. التقدم للالتحاق بالكلية عن طريق مكتب التنسيق للقبول بالجامعات وذلك لطالب الثانوية العامة علمي علوم او ما يعادلها من الشهادات الأجنبية او المصرية والعربية وذلك طبقا للقواعد والنظم التي يحددها المجلس الأعلى للجامعات
2. ان يكون الطالب متفرغا للدراسة
3. أن تكون اللغة الإنجليزية هي إحدى اللغات التي تمت دراستها
4. اجتياز الكشف الطبي
5. الطلاب المحولين من الكليات طبقا للقواعد والنظم التي يحددها المجلس الأعلى للجامعات
6. يقبل الطالب الوافدين بنفس الشروط العامة لقبول نظرائهم المصريين ووفق القواعد التي يضعها المجلس الأعلى للجامعات.
7. يجوز تحويل الطلاب الراشدين من الكليات الغير مناظرة فقط طبقا لقواعد التحويل المعمول بها والواردة من المجلس الأعلى للجامعات.
- يتم قبول الطلاب المحولين من الكليات المناظرة طبقا لقواعد التحويل المعمول بها والواردة من المجلس الأعلى للجامعات.

يقدم الطالب الملتحق بالكلية الوثائق التالية - :

أصل شهادة المؤهل المطلوب، وأصل شهادة الميلاد وعدد 6 صور مقاس 4×6 حديثة.

- الكشف الطبي المعتمد.

نموذج 2 جند للطلاب الذكور.

شهادة التفوق الرياضي للحاصلين على حوافز رياضية

ما قد تطلب الكلية من مستندات أو وثائق أخرى .

يقدم الطالب الطالبة كافة الوثائق المطلوبة معتمد، مع طلب الالتحاق بالجامعة الى ادارة القبول والتسجيل .
يتعهد الطالب بالالتزام بأنظمة الجامعة وتعليماتها ولوائحها السارية أثناء الدراسة.

مادة (9) : نظام الدراسة

- ✓ يتبنى البرنامج منهج دراسي يعتمد على تطبيق نظام ساعات الدراسة المعتمدة. والساعة معتمدة هي وحدة قياس الفروض التعليمية، تستند عادة الى عدد ساعات الدراسة في الأسبوع طوال مدة الفصل الدراسي .
- ✓ الساعة المعتمدة عبارة عن وحدة قياس أكاديمي لتحديد وزن المقرر بين المقررات الأخرى في إطار الخطة الدراسية.
- ✓ يخصص عدد من الساعات المعتمدة لكل مقرر وتوزع ساعات الاتصال الأسبوعية للمقرر علي المحاضرات النظرية والتدريب العملي التطبيقي المعملية الإكلينيكي، وتحسب ساعات الاتصال الأسبوعية كالتالي:
- الساعة المعتمدة تكافئ إما ساعة محاضرة نظرية أو ٢-٣ ساعة تدريب معملية عملية تطبيقية إكلينيكية وتنقسم الى مرحلتين وهما: المرحلة قبل الإكلينيكية والمرحلة الإكلينيكية.
- ✓ ولكل كلية أن تسمح بمراحل تداخل بين المرحلتين للسماح للطلاب ببدء التعامل المبكر مع المرضى
- ✓ عدد الساعات المعتمدة التي يسجل فيها الطالب في الفصل الدراسي الواحد الخريف والربيع ١٨ ساعة والحد الأقصى ٢١ ساعة ويجوز زيادتها الي ٢٣ ساعة معتمدة لحالات التخرج.
- ✓ لا يسمح بالتسجيل في الفصل الصيفي لأكثر من عدد ٩ ساعات معتمده ويمكن أن تصل الي 12 ساعة لدواعي التخرج في ترم التخرج.
- ✓ لا يسمح للطلاب بالتسجيل في مقرر دراسي إذا كان له متطلب سابق ويجب عليه اجتياز المتطلب السابق أولاً.
- ✓ ينتقل الطالب من فصل الى الفصل التالي بعد النجاح في استيفاء الساعات المطلوبة لكل مستوى.

مادة (10): القيد وإعادة القيد :

- يجوز قيد الطالب المستجد الذي لم يستكمل إجراءات قيده لعذر مقبول.
- يجوز إعادة قيد الطالب الذي سحب أوراقه وهو مقيد بالكلية وقدم عذراً مقبولاً.

مادة (11): إيقاف القيد:

- يجوز للطالب أن يتقدم بطلب وقف قيد لفصل دراسي بحد أقصى فصلين دراسيين متصلين أو أربعة فصول دراسية أساسية منفصلة لأسباب تقدرها لجنة شئون التعليم والطالب بالكلية ويعتمدها مجلس الكلية.
- يعتبر الطالب منسحباً إذا لم يسجل في أي مقرر في الفصل الدراسي لمدة 3 فصول دراسيين متتاليين أو أربع فصول دراسية منفصلة ويفصل من الكلية.

مادة (12): إعادة المقرر:

- يحق للطلاب إعادة التسجيل في أي مقرر سبق له الرسوب فيه في أي فصل دراسي لاحق بشرط عدم الأخلال بالعبء الدراسي المبين بمواد هذه اللائحة مع احتساب التقدير الذي يحصل عليه الطالب عند اجتياز المقرر لأول مرة ويحسب تقدير D عند تكرار الرسوب.
- إذا رسب الطالب في مقرر اختياري ممكن له إعادة دراسة نفس المقرر أو دراسة مقرر اختياري آخر بديل لأكمال متطلبات التخرج.
- يحق للطلاب إعادة التسجيل في أي مقرر بغرض التحسين في التقدير الى ان يحصل على $GPA = 2$

جميع المقررات الإلزامية للجامعة تدرس كساعات معتمدة نظرية والامتحان نظري فقط مدتها ساعة واحدة ويتم أداء الامتحان تحريريا أو إلكترونيا. متطلبات الجامعة من مقررات إجبارية هي مقررات نجاح ورسوب ولا تضم الدرجات الي مجموع درجات الفصل الدراسي أو المجموع التراكمي ويعتبر الطالب ناجح إذا حصل على 50 % من الدرجة الكلية ويرصد ل ناجح Pass في المقرر في سجل الدراسي .

مادة (13) الإرشاد الأكاديمي :

- تتيح الكلية نظام الإرشاد الأكاديمي، مستعينة بطرق الاتصال الحديثة وتكنولوجيا المعلومات في:
- ✓ إجراء عمليات التسجيل والانسحاب، الاطلاع علي أداء الطالب فيما انتهى من دراسة من المقررات،
 - ✓ إعلان درجات الأعمال الفصلية والامتحانات النصف فصلية .
 - ✓ يتم تشكيل لجنة الإرشاد الأكاديمي من أعضاء هيئة التدريس بالكلية، تكون مسنولة عن مساعدة الطالب اثناء سنوات الدراسة على تخطي أي صعوبات أو مشاكل دراسية وكذلك توجيه الطالب نحو زيادة مهاراتهم العلمية والعملية.
 - ✓ يخصص لكل مجموعة مرشدا أكاديميا يقوم بمعاونة الطالب، عند الاحتياج في وضع خطته الدراسية ومتابعة أدائه الدراسي ، وإسداء النصيحة إليه ومعاونته في اختيار المقررات لكل فصل دراسي وتحديد عدد الساعات المعتمدة التي يسجل فيها وعمليات الحذف والإضافة والانسحاب من مقرر أو من فصل دراسي وذلك حسب الضوابط الواردة في هذه اللائحة.
 - ✓ هذا، وبالرغم من إرشاد المرشد الأكاديمي للطالب، فإن الطالب يعتبر مسنول مسؤولية مباشرة عن اختيار المقررات الدراسية مع التأكد من عدم وجود أي تعارض في الجدول الدراسي، والتأكد من استيفاء شروط التسجيل في المقرر.

مادة (14) مرتبة الشرف

قواعد منح مرتبة الشرف كالتالي:

مرتبة الشرف الاولى: تمنح مرتبة الشرف الاولى للطلاب الذي يحصل علي معدل تراكمي (CGPA) 3.7 أو أكثر عند التخرج وبشرط عدم رسوبه في أي مقرر دراسي خلال تسجيله في الكلية ولم يتعرض لأي عقوبات تأديبية خلال فترة الدراسة بالكلية.

مرتبة الشرف الثانية: تمنح مرتبة الشرف الثانية للطالب الذي يحصل علي معدل تراكمي (CGPA) يبدأ من 3.4 حتى أقل من 3.7 عند التخرج وبشروط عدم رسوبه في أي مقرر دراسي خلال تسجيله في الكلية ولم يتعرض لأي عقوبات تأديبية خلال فترة الدراسة بالكلية.



الباب الثالث

- ✓ مادة 15 قواعد تسجيل المقررات أو الانسحاب منها والعبء الدراسي
- ✓ مادة 16 الأعذار
- ✓ مادة 17 لانسحاب



مادة (15): قواعد تسجيل المقررات أو الانسحاب منها والعبء الدراسي –

- ✓ يقوم الطالب بتسجيل المقررات الدراسية فيما لا يقل عن إثني عشرة (12) ساعة معتمدة والا يزيد عن الحد الأقصى للساعات المعتمدة لكل فصل دراسي على حدة كما هو مبين بالجدول الاسترشادية المرفقة (الخطة الدراسية) ويجوز لمجلس الكلية أن يتجاوز عن هذه الحدود لدواعي تخرج الطالب أو عدم الفصل
- ✓ لا يسمح للطالب الذي حقق CGPA أقل من اثنين (2) بالتسجيل في أكثر من أربعة عشرة (14) ساعة معتمدة اول مرة و إذا تكرر حصول على CGPA اقل من (2) للمرة الثانية لا يتمكن الطالب من تسجيل أكثر من (12) ساعة معتمدة
- ✓ الحد الأقصى للعبء الدراسي بالفصل الصيفي هو (9) ساعة معتمدة وقد تصل الى لدواعي التخرج.
- ✓ يسمح لطالب المستوى الرابع التدريب الصيفي داخل العيادات بدون أي ساعات معتمدة ويسجل نشاط للطالب.
- ✓ يتقدم الطالب قبل بدء كل فصل دراسي بتسجيل المقررات الدراسية في نموذج معد لهذا الغرض، وذلك بعد استشارة مرشده الأكاديمي وبعد استيفاء متطلبات تسجيل كل مقرر.
- ✓ يلتزم الطالب بالتقويم الجامعي الذي تصدره الكلية في بداية كل فصل دراسي، ويتم الانتهاء من تسجيل الطالب للمقررات في الأسبوع الأول من بدء الفصل الدراسي .
- ✓ يجوز للطالب الذي لم يتمكن من التسجيل لأسباب قهرية يقبلها مجلس الكلية أن يسجل تسجيل متأخراً خلال الفترة الإضافية للتسجيل وهي الأسبوع الثالث من بدء الفصل الدراسي
- ✓ لا يجوز للطالب التسجيل في مقرر الا بعد النجاح في مقررات المتطلب السابق.
- ✓ يجوز لمجلس الكلية أن يوافق علي تسجيل مقرر لمتطلب سابق رسب فيه الطالب وذلك في الحالات الاستثنائية التي تتطلب ذلك كدواعي التخرج او الفصل من الكلية بشرط مواظبة الطالب في حضور المحاضرات والتدريبات المعملية أو العملية لهذا المتطلب السابق .
- ✓ يحق للطالب أن يعيد التسجيل في أي مقرر رسب فيه من قبل، وأن يعيد المقرر دراسةً وامتحاناً.
- ✓ يجوز للطالب إعادة تسجيل مقرر درسه ونجح فيه من قبل ويرغب في أعادته لتحسين CGPA الخاص به وذلك بالفصل الصيفي وبحد أقصى أربعة مقررات فقط خلال الخمس سنوات الدراسية. يشترط في ذلك الحصول علي موافقة مجلس الكلية علي أن يتم تدريس المقرر بنفس العنوان وبنفس المحتوى العلمي الذي سبق تدريسه، وفي هذه الحالة يؤخذ التقدير الأعلى في حساب متوسط نقاط التقدير الفصلي ويظل التقدير الأدنى في سجل الطالب .
- ✓ يجوز للطالب بعد موافقة مرشده الأكاديمي أن يقوم بتعديل تسجيل المقررات، سوا (Drop الحذف أو الإضافة Add أو الاستبدال Replace) ، خلال الأسابيع الثلاثة الأولى من بدء الدراسة
- ✓ يحق للطالب بعد موافقة مرشده الأكاديمي أن ينسحب من دراسة أي مقرر خلال اثني عشر أسبوع علي الأكثر من بدء الدراسة بالفصل الدراسي الأساسي وبعد 6 أسابيع من

- الفصل الصيفي وبشرط ألا يكون الطالب قد تجاوز نسبة الغياب المسموح بها قبل الانسحاب ويسجل هذا المقرر في السجل الأكاديمي للطالب بتقدير منسحب دون رسوب (W). وفي هذه الحالة ال يعتبر الطالب راسباً ولا يدخل الانسحاب في حساب متوسط نقاط تقديره الفصلي GPA أو التراكمي - CGPA .
- ✓ وفي حالة انسحاب الطالب بعد الفترة المحددة يعتبر راسباً في المقرر ويحصل علي تقدير راسب FW، وفي هذه الحالة يدخل هذا التقدير في حساب متوسط نقاط التقدير الفصلي والتراكمي.
- ✓ تعرض حالات الانسحاب نظراً للأعذار الاضطرارية من أي مقرر بعد الموعد المحدد علي لجنة شئون التعليم والطالب للنظر فيها وإقرارها من مجلس الكلية، علي ألا يخل الانسحاب بالعبء الدراسي للطالب .
- ✓ الطالب الذي يحصل علي موافقة الكلية علي الانسحاب يحصل علي تقدير W، والا تدخل هذه المقررات في حساب متوسط نقاط تقديره الفصلي GPA أو التراكمي CGPA. وعلي الطالب أن يقوم بإعادة تسجيل المقررات التي انسحب منها في فصل دراسي لاحق واجتيازها دراسةً وامتحاناً.

مادة (16) الأعذار

- ✓ تعين علي الطالب الحضور في جميع المقررات التي قام بالتسجيل فيها.
- ✓ يجب ألا تقل نسبة حضور الطالب للمحاضرات النظرية والدروس التطبيقية للنظام الذي يقره مجلس الكلية عن والتمرينات العملية وفقاً لـ 75% من مجموع ساعات تدريس أي مقرر. وفي حالة تجاوز غياب الطالب في أحد المقررات نسبة 25% بدون عذر تقبله لجنة شئون التعليم والطالب ويقره مجلس الكلية فيحق لمجلس الكلية بناء علي طلب مجلس القسم المختص أن يقرر حرمان الطالب من دخول امتحان نهاية الفصل الدراسي، وذلك بعد أن يكون أستاذ المقرر قد أخطر القسم العلمي واتخذت إجراءات توجيه ثلاث إنذارات متعاقبة للطالب وفقاً لما يقره مجلس الكلية.
- ✓ • إنذار أول: عندما يتجاوز الطالب نسبة 10% .
- ✓ • إنذار ثاني: عندما يتجاوز الطالب نسبة 15% .
- ✓ • إنذار ثالث: عندما يتجاوز الطالب نسبة 25% .
- ✓ يعتبر الطالب راسباً في المقررات التي حرم من دخول امتحاناتها النهائية لتجاوزه نسبة الغياب المقررة، ويحصل في هذه الحالة علي تقدير راسب F ويدخل ذلك في حساب متوسط نقاط تقديره التراكمي .
- ✓ - إذا كان غياب الطالب بعذر تقبله لجنة شئون التعليم والطالب ويقره مجلس الكلية، ويسجل في سجل الطالب الأكاديمي تقدير منسحب W ولا يدخل في حساب متوسط نقاط تقديره الفصلي (GPA) وعلي الطالب أن يقوم بإعادة تسجيل المقررات التي انسحب منها في فصل دراسي لاحق واجتيازها دراسةً وامتحاناً

مادة (17): الانسحاب وإيقاف القيد

- ✓ انسحاب الطالب من الفصل الدراسي هو إنهاء رسمي للتسجيل من جميع مقررات الفصل الدراسي
- ✓ - يجوز للطالب بعد موافقة مجلس الكلية أن يعتذر عن عدم التسجيل في جميع مقررات الفصل الدراسي أو أن ينسحب منها جميعاً وذلك لمدة أربعة فصول دراسية متصلة أو منفصلة طوال فترة الدراسة.
- ✓ إذا انسحب الطالب من جميع مقررات الفصل الدراسي يلزم قيامه بملء استمارة الانسحاب من هذه المقررات وتحديد أسباب الانسحاب، وفي حال موافقة مجلس الكلية تسجل هذه المقررات في السجل الأكاديمي للطالب بتقدير منسحب W



الباب الرابع

- ✓ مادة 18 التعثر الأكاديمي والإنذارات
- ✓ مادة 19 القواعد المنظمة للامتحانات ونظام تقييم الطالب
- ✓ مادة 20 تقييم أداء الطالب في المقررات
- ✓ مادة 21 شروط التعديل والإلغاء والانسحاب
- ✓ مادة 22 سنة الامتياز



مادة (18): التعثر الأكاديمي والإنذارات وضوابط وقف ونقل وإعادة القيد

- ✓ تقوم لجنة شئون التعليم والطالب بالكلية بمتابعة الطالب علي تقرير مكتوب يقدمه المرشد الأكاديمي ويوضح الطالب الحاصل علي متوسط نقاط التقدير الفصلي أقل من اثنين (2) تحت الملاحظة ويُنذر الإنذار الأول مع تخفيف العبء الدراسي له عند تسجيل مقررات الفصل التالي .
- ✓ إذا تكرر حصول الطالب في الفصل الدراسي التالي علي المعدل المتدني لمتوسط نقاط التقدير الفصلي أقل من اثنين (2) يُعتبر مُتعثراً أكاديمياً ويُنذر الإنذار الثاني ولا يُسمح له بالتسجيل الا في الحد الأدنى للعبء الدراسي .
- ✓ يستمر توجيه إنذارات متتالية للطالب إذا ظل المعدل التراكمي له أقل من اثنين (2) وذلك بحد أقصى خمسة (5) إنذارات متتالية حيث يتم بعد تجاوز هذا الحد الأقصى من الإنذارات فصل الطالب من الكلية
- ✓ يجوز تحويل ونقل الطالب الى كلية طب الأسنان من كليات مماثلة او غير مماثلة لكلية الطب والصيدلة بشرط الحصول علي الحد الأدنى للدرجات للقبول في كليات طب اسنان سنة الحصول على شهادة الثانوية العامة او ما يعادلها وذلك بموافقة الكلية المعنية وعلى ان يكون هذا التحويل في المرحلة قبل الإكلينيكية مع اجراء المقاصة اللازمة بشرط ألا يزيد أجمالي الساعات المعتمدة للمقررات التي يتم اعفاء الطالب من دراستها عن 50 % من أجمالي الساعات المقررة لمنح الدرجة
- ✓ يعتبر الطالب منقطعاً عن الدراسة إذا لم يسجل في الفصل الدراسي او انسحب من جميع المقررات التي سجلها خلال الفصل الدراسي دون عذر مقبول من مجلس الكلية ويمكن للطالب إيقاف قيده بحد أقصى اربعة فصول دراسية طوال مدة الدراسة بالكلية بشرط تقديم عذر يمنعه من مواصلة الدراسة ويقبل مجلس الكلية سواء تم تقديمه قبل او اثناء الدراسة.
- ✓ يتم فصل الطالب من الكلية إذا انقطع عن الدراسة مدة اربعة فصول دراسية متتالية دون عذر مقبول ويتم فصلة من الكلية بعد موافقة مجلس الكلية .

مادة (19): القواعد المنظمة للامتحانات ونظام تقييم الطالب:

- يتم تقييم الطالب خلال الدراسة على النحو التالي - :
- ✓ الانتظام في الدراسة ولا يسمح له بدخول الامتحان النهائي الا إذا كانت نسبة الحضور أكثر من 75% .
- ✓ اتمام المتطلبات العملية والتعليمية.
- ✓ الامتحانات الدورية: تُعقد لكل مقرر خلال الفصل الدراسي امتحانات دورية يقرها مجلس الكلية بناء علي اقتراح مجالس الأقسام المختصة بواقع مرة واحدة علي الأقل لكل مقرر، وذلك بمعرفة القائمين بتدريس، ويتولى منسق المقرر تنظيم الامتحانات الدورية.
- ✓ تعقد الامتحانات النهائية (نظري - عملي - شفهي) لكل المقررات في نهاية الفصل الدراسي في الزمان والمكان الذي تعلن عن الكلية في جداول تفصيلية.

- ✓ تتشكل لجان الامتحانات من ثلاث أعضاء علي الأقل من أعضاء هيئة التدريس بالقسم ويجوز الاستعانة بممتحنين من خارج القسم أو من خارج الكلية أو من خارج الجامعة بناء علي موافقة مجلس القسم وموافقة مجلس الكلية .
- ✓ النهاية العظمي لمجموع درجات تقييم أداء الطالب في أى من مقررات الدراسة هي 100 درجة .
- ✓ الحد الأدنى للنجاح في أي مقرر دراسي هو 60% بشرط حصول الطالب علي 30% من درجة الامتحان التحريري النهائي حتى يمكن رصد وجمع درجات في المقرر .-
- ✓ يعتبر الطالب راسب لائحة إذا حصل على أقل من 30 % من درجة الامتحان التحريري النهائي، أو إذا كان مجموع درجات في المقرر أقل من 60 % من النهاية العظمي، أو إذا لم يحضر الامتحان النهائي بسبب حرمان من دخول الامتحان لتجاوزه نسبة الغياب، أو إذا لم يحضر الامتحان ولم تقبل الكلية عذره عن عدم حضور الامتحان.

مادة (20): تقييم أداء الطالب في المقررات :

- ✓ لا يعتبر الطالب ناجحاً في أي مقرر إلا إذا حصل على تقدير D على الأقل.
- ✓ تحسب نقاط كل مقرر على أنها عدد ساعاته المعتمدة مضروبة في عدد النقاط الحاصل عليها
- ✓ تحسب مجموع النقاط التي حصل عليها الطالب في أي فصل دراسي على أنها مجموع نقاط كل المقررات التي درسها في هذا الفصل الدراسي
- ✓ يحسب متوسط نقاط أي فصل دراسي (المعدل الفصلي) على أن ناتج مجموع النقاط التي حصل عليها الطالب في هذا الفصل مقسوماً على مجموع الساعات المعتمدة لهذه المقررات .

المعدل الفصلي :

مجموع (الساعات المعتمدة للمقرر X عدد النقاط الحاصل عليها في كل مقرر)

مجموع الساعات المسجلة بالفصل الدراسي

تقدير نتيجة الطالب في كل مقرر من المقررات وتقدير المعدل الفصلي والمتوسط التراكمي بأحد التقديرات التالية:

التقدير	النسبة المئوية	درجة التقدير	نقاط التقدير	النجاح / الرسوب
ممتاز	90-100%	A	4.0	ناجح
ممتاز	85 to < 90%	A-	3.7	
جيد جدا	80 to < 85%	B+	3.4	
جيد جدا	75 to < 80%	B	3.0	
جيد	72.5 to < 75%	B-	2.9	
جيد	70 to < 72.5	C+	2.7	
جيد	67.5 to < 70	C	2.5	
جيد	65 to < 67.5	C-	2.3	
مقبول	62.5 to < 65	D+	2.2	
مقبول	60 to < 62.5	D	2.0	
ضعيف	< 60	F	0.0	راسب
غير مكتمل	<60		0.0	

منسحب	<60	W	0.0	
منسحب اضطراري	<60	FW	0.0	راسب
يرصد للطالب المنسحب لأداء الخدمة العسكرية (Military withdrawal)	MW
يرصد للطالب المسجل مستمع Audit	AU

✓ المقرر الذي حصل فيه الطالب على تقدير أقل من D يعيده مرة أخرى حتى ينجح فيه ويحسب تقديره في بحد أقصى (D)

✓ يحسب متوسط نقاط التخرج (المعدل التراكمي) على أنها ناتج قسمة مجموع النقاط التي درسها على مجموع الساعات المعتمدة لهذه المقررات (المعدل التراكمي: مجموع الساعات المعتمدة للمقرر X عدد النقاط الحاصل عليها في كل مقرر) مجموع الساعات المسجلة بالأعوام الدراسية

✓ يسمح للطالب بإعادة المقرر الحاصل فيه على تقدير (F) وفي حالة إعادة المقرر والنجاح فيه يرصد للطالب التقدير الذي حصل عليه بحد أقصى (D)

الدرجات المخصصة لكل مقرر

ت حسب النهاية العظمى لكل مقرر من ١٠٠ درجة. تحدد علي حسب طبيعة المقرر كالتالي

المقرر	الدرجة التحريرية	الدرجة الشفوية	الدرجة العملية	درجة أعمال السنة
الإجبارية	تشمل التي تختبارات وعملية نظرية وشفهيه	50 %	10 %	20 %
	التي لا تشمل اختبارات عملية	60 %	20 %	20 %
	تشمل التي تختبارات عملية ونظرية	40 %	40 %	20 %
الاختيارية	-----	60 %	20 % تكليف ذاتي	20 %

مقرر عيادة العناية الشاملة هي مقررات عملية ليس لها ساعات نظرية او امتحان نهاية الفصل يتم تقييم مناقشة المشروع العلاجي العملي كاملا من لجنة تحكيم تضم كافة التخصصات المشتركة بعد تقديم في صورة عرض سيمينار وكتيب وصفي متكامل Log Book . ويحسب ل 100 درجة امتحان اعمال سنة نظريا كان او عمليا بالشكل التقليدي ولكن يكون التقييم متواصل خلال مدة الفصل الدراسي .

مادة (21): شروط التعديل والإلغاء والانسحاب :

- ✓ يحق للطالب تغيير مقررات سجل بها بأخرى خلال اسبوعين من بدأ الدراسة ولا يسرى ذلك على الفصل الدراسي الصيفي.
- ✓ يحق للطالب الانسحاب (withdrawal) من المقرر خلال 12 اسابيع على الأكثر من بدء الدراسة للفصلين و6 اسابيع على الأكثر في الفصل الدراسي الصيفي والا ترد له رسوم الدراسة.
- ✓ يحق للطالب اعادة التسجيل في أي مقرر حصل على تقدير راسب (Fail) و تم حرمانه من دخول الامتحان لعدم استيفاء متطلبات الامتحان (Forced withdrawal) ويعيد المقرر دراسة وامتحانا بعد دفع رسوم الخدمة التعليمية المقررة .
- ✓ إذا واجهت الطالب ظروف طارئة أو قهرية منعت من حضور الامتحان النهائي فعليه أن يتقدم بطلب لعميد الكلية للحصول علي تقدير غير مكتمل (I Incomplete) ، علي أن يكون الطلب المقدم لعميد الكلية مصحوبا باعتذار رسمي موضحا ب الأدلة التي تعزز طلب التقييم غير مكتمل .
- ✓ إذا تم قبول العذر المقدم من الطالب المتقدم بطلب تقدير غير مكتمل (I) فعلي الطالب أن يقوم بتحرير استمارة تقدير غير مكتمل محتوية المتطلبات اللازمة لاستكمال المقرر علي أن يكون موعد الامتحان النهائي لهذا المقرر قبل بداية الفصل الدراسي التالي .
- ✓ إذا أتم الطالب متطلبات مقرر تقديره غير مكتمل (I) بنجاح فعلي منسق المقرر أن يُحرر استمارة التغيير في تقدير هذا المقرر .
- ✓ إذا لم يُكمل الطالب متطلبات مقرر تقديره غير مكتمل (I) بنجاح قبل تاريخ الحذف أو الإضافة للفصل الدراسي التالي فإن التقييم غير مكتمل (I) سوف يتحول إلي تقدير راسب (F) .
- ✓ لا يُسمح للطلاب الذين لم يُوفقوا في الاختبارات الدورية أو اختبارات الأعمال الفصلية في مقرر أو الذين تعدت نسبة غيابهم 25% التقدم بطلب الحصول على تقدير غير مكتمل (I) .
- ✓ يسمح للطالب بالانسحاب من المقرر الدراسي بعد التسجيل عند استدعائه الداء الخدمة العسكرية ويرصد ل تقدير منسحب الداء الخدمة العسكرية (Military Withdrawal) (MW) في سجل الدراسي ولا تحسب هذه الفترة ضمن مدة صلاحية المقررات.
- ✓ المقررات التي يحصل فيها الطالب على تقدير (MW) (Military Withdrawal) لا تحسب ل كساعات دراسية ولا تدخل في حساب المتوسط التراكمي للدرجات

مادة (22): السنة التدريبية (الامتياز):

- ✓ بعد الانتهاء من المستوى الخامس بنجاح , يكلف جميع الطلاب الذين قضوا جميع الساعات المعتمدة بأداء سنة تدريبية موزعة على 12 شهر لتنمية المهارات اللازمة للعمل وذلك لزوم استكمال متطلبات التخرج على أن يكون على الأقل ثلاثة أشهر بعيادات الكلية والباقي بالاتفاق مع الجهات الصحية المعنية .
- ✓ تتولي الكلية التنسيق مع المستشفيات والجهات الصحية لتنظيم المواعيد وتحديد التخصصات والأقسام التي سيتم فيها تدريب الطالب .
- ✓ في حالة عدم حصول طالب الامتياز فترة التدريب على 75% على الأقل كتحقيق في كل وحدة تدريبية أو تجاوز لنسبة الغياب بأكثر من 15% في كل وحدة يتم إعادة أيام الغياب بعذر أما إذا كان الغياب بدون عذر فيتم إعادة الفترة التدريبية في الوحدة المعنية في نهاية السنة التدريبية وليس أيام الغياب فقط وذلك بعد تطبيق اللائحة التأديبية المعلنة للطالب قبل بداية التدريب (الإنذار الشفهي- الإنذار الكتابي – الإجراء التأديبي)
- ✓ يحصل طالب الامتياز على شهادة تدريب بعد انتهاء السنة التدريبية من الكلية يوضح بها بداية السنة التدريبية وانتهائها والأماكن التي تم بها التدريب والمدة في كل مكان تدريبي والتقدير وبعد ذلك جزء مكمل للحصول علي درجة البكالوريوس.



الباب الخامس

الأحكام العامة والانتقالية



أحكام عامة :

- ✓ تطبق أحكام قانون تنظيم الجامعات ولائحته التنفيذية وتعديلاتها فيما لم يرد فيه نص في هذه اللائحة
- ✓ مجلس الجامعة هو الجهة المعنية بتفسير مواد هذه اللائحة
- ✓ . يجب أن يعلم الطالب بنظام هذه اللائحة عند الالتحاق لا يجوز لأي طالب بأن يدعي عدم علمه بما ورد في هذه اللائحة من مواد أو أحكام، أو عدم اطلاعه على النشرات الصادرة عن الجامعة فيما يخصه
- ✓ يخضع الطالب المقيد بالجامعة والملتحق بهذا البرنامج للسلوكيات والآداب والتقاليد الجامعية، كما يخضع للنظام التأديبي المبين بالمواد المتعلقة بذلك في قانون تنظيم الجامعات رقم 42 لسنة 1972 ولائحته التنفيذية وتعديلاتهما
- ✓ يجوز لمجلس الكلية تعديل متطلبات الدراسة والمستوى العلمي للمقررات الدراسية وإضافة مقررات إلى قائمة المقررات الاختيارية بعد اخذ موافقة مجلس الجامعة كما يجوز لمجلس الكلية والجامعة عمل أي تعديل من بنود اللائحة ويبلغ بها المجلس الأعلى للجامعات .
- ✓ ويطبق أحكام قانون تنظيم الجامعات ولائحته التنفيذية فيما لم يرد بشأن نص في لائحة البرنامج

أحكام انتقالية

- ✓ تطبق أحكام هذه اللائحة ابتداء من الفصل الدراسي من العام التالي لصدور القرار الوزاري بالموافقة .
- ✓ أي تعديلات تطرأ على هذه اللائحة تُطبق على الطالب ابتداء من الفصل التالي لإقرارها.

الباب السادس

- ✓ النظام الكودي للمقررات
- ✓ الخطة الدراسية



النظام الكودي للمقررات

- كود متطلبات الجامعة يبدأ UM
- كود المقررات الاختيارية من 1-ELCT إلى 12-ELCT .
- كود مقررات كلية إجبارية أساسية (Faculty Mandatory Basic Courses) يبدأ B-.
- كود مقررات كلية إجبارية في العلوم الطبية (Faculty Mandatory Medical Course) يبدأ M-.
- كود مقررات كلية إجبارية في علوم طب الأسنان (Faculty Mandator Dental Courses) يبدأ D-.
- الحروف من ثلاثة الي أربعة حروف لكود المقرر والأرقام من اليسار للمستوي الدراسي واليمين للترم الدراسي.
- الأرقام: الرقم الأول من اليمين يدل علي المستوي الدراسي والرقم الأيسر للترم الدراسي وبينهما رقم 0.

متطلبات جامعة إجبارية: University Mandatory Courses 8 ساعات معتمدة

الساعات المعتمدة	الكود	Course	المقرر
1	UM-EI	English-1	لغة إنجليزية 1
2	UM-EII	English-2	لغة إنجليزية 2
1	UM-SI	Social Issues and Human rights	قضايا مجتمعية وحقوق الانسان
1	UM-QC	Quality Culture	ثقافة الجودة
1	UM-IT	Information Technology	تكنولوجيا المعلومات
1	UM-EP	Entrepreneurship	ريادة الأعمال
1	UM-PE	Professional Ethics	أخلاقيات المهنة
1	UM-AR	Arabic langue	اللغة العربية

متطلبات كلية إجبارية Faculty Elective Courses 6 ساعات معتمدة

Code	Credit hours	Course	المقرر
ELCT-1	1	Stem cells & Tissue engineering	الخلايا الجذعية وهندسة الأنسجة
ELCT-2	1	Management and Leadership Skills	مهارات الإدارة والقيادة
ELCT-3	1	Infection Control	مكافحة العدوي
ELCT-4	1	Medical Psychology	الطب النفسي
ELCT-5	1	Herbal Medicine	طب الأعشاب
ELCT-6	1	Laser in Dentistry	الليزر في طب الأسنان
ELCT-7	1	Marketing Skills	مهارات التسويق
ELCT-8	1	Dental Terminology	مصطلحات طب الأسنان
ELCT-9	1	Special Care Dentistry	طب أسنان رعاية ذوي الاحتياجات الخاصة
ELCT-10	1	Scientific Thinking	التفكير العلمي



ELCT-11	1	Medical Emergency in dental practice and Cardiopulmonary Resuscitation	الطوارئ الطبية في طب الأسنان والإنتعاش القلبي الرئوي
ELCT-12	1	General Risk and Crisis Management	المخاطر العامة وإدارة الأزمات
ELCT-13	1	Robotics and nano Robotics in Dentistry	الروبوتات و النانو روبوت في طب الاسنان
ELCT-14	1	Principles of Artificial Intelligence	مبادئ الذكاء الاصطناعي



الخطة الدراسية

المقررات الدراسية:

تم تصميم البرنامج الدراسي علي أن يحقق معايير ومتطلبات ال NARS وتم عمل مصفوفة (Matrix) بالمقررات الاجبارية ومقررات المتطلبات الاختيارية بعدد ساعات أجمالي 319 ساعة معتمدة:

- المرحلة التمهيديه (أساسيات) - المرحلة قبل الإكلينيكية - المرحلة الإكلينيكية

المرحلة التمهيديه Basic stage		
Course	المقرر	Code
Human Dentition I	تشریح وصفي 1	D-HMD101
Human Dentition II	تشریح وصفي 2	D-HMD102
General Anatomy	تشریح عام	B-ANA101
Special Anatomy	تشریح خاص	B-ANA102
General Histology	علم الانسجه العام	B-HST101
General Physiology I	علم وظائف الاعضاء 1	B-PHS 101
General Physiology II	علم وظائف الاعضاء 2	B-PHS 102
Biochemistry	كيمياء حيوية	B-BCHM 101
Dental-Biomaterials	المواد الحيوية للأسنان	D-DBM 101
Applied Dental Biomaterials I	تطبيقات مواد الأسنان الحيوية 1	D-ABM 102
Applied Dental Biomaterials II	تطبيقات مواد الأسنان الحيوية 2	D-ABM 201
Oral Biology I	بيولوجيا الفم 1	D-OB1 201
Oral Biology II	بيولوجيا الفم 2	D-OB1 202
General Microbiology	علم الكائنات الدقيقة	B-MBG 201
Pharmacology I	علم الأدوية 1	B-PHA 201
Pharmacology II	علم الأدوية 2	B-PHA 202
General Pathology I	علم الأمراض العامة 1	B-PTH 102
General Pathology II	علم الأمراض العامة 2	B-PTH 201
Oral Pathology I	أمراض الفم 1	D-OPTH 202
Oral Pathology II	أمراض الفم 2	D-OPTH 301
Dental Occlusion	اطباق الاسنان	B- DOC 501

Preclinical stage المرحلة قبل الإكلينيكية		
Course	المقرر	Code
Preclinical Restorative Dentistry I	علاج تحفظي قبل الأكلينيكي 1	D-PRD 301
Preclinical Restorative Dentistry II	علاج تحفظي قبل الأكلينيكي 2	D-PRD 302
Preclinical Fixed Prosthodontics I	تركيبات ثابتة قبل الأكلينيكي 1	D-PFP 301
Preclinical Fixed Prosthodontics II	تركيبات ثابتة قبل الأكلينيكي 2	D-PFP 302
Preclinical Fixed Prosthodontics III	تركيبات ثابتة قبل الأكلينيكي 3	D-PFP 401
Preclinical removable Prosthodontics I	الاستعاضة قبل الأكلينيكية في طب الأسنان 1	D-PRP 301
Preclinical removable Prosthodontics II	الاستعاضة قبل الأكلينيكية في طب الأسنان 2	D-PRP 302
Preclinical Endodontics I	علاج جذور قبل الأكلينيكي 1	D-PEND 302
Preclinical Endodontics II	علاج جذور قبل الأكلينيكي 2	D-PEND 401
Orthodontics I	تقويم أسنان 1	D- ORTH 202
Orthodontics II	تقويم أسنان 2	D-ORTH 301
Preclinical Pediatric Dentistry	طب أسنان اطفال قبل أكلينيكي	D-PPED 401
Oral health & Preventive Dentistry I	صحة الفم وطرق الوقاية	D-OHP 302
Clinical stage المرحلة الأكلينيكية		
Course	المقرر	Code
General Surgery	جراحة عامة	M- GSR 202
General Internal Medicine for dentistry	الباطنة العامة	M-GMD 202
Ear, Nose ,Throat and Ophthalmology	الانف والاذن و الحنجرة و رمد	M-ENOP 202
Dermatology	الامراض الجلدية	M-DER 301
Oral Diagnosis	تشخيص الفم	D-ODD 302
Clinical Restorative Dentistry I	علاج تحفظي اكلينيكي 1	D-CRD 401
Clinical Restorative Dentistry II	علاج تحفظي أكلينيكي 2	D-CRD 402
Clinical Restorative Dentistry III	علاج تحفظي أكلينيكي 3	D-CRD 501
Clinical Restorative Dentistry IV	علاج تحفظي أكلينيكي 4	D-CRD 502
Oral and Maxillofacial Surgery I	جراحة الفم والوجه والفكين 1	D-OMS 401
Oral and Maxillofacial Surgery II	جراحة الفم والوجه والفكين 2	D-OMS 402
Oral and Maxillofacial Surgery III	جراحة الفم والوجه والفكين 3	D-OMS 501
Oral and Maxillofacial Surgery IV	جراحة الفم والوجه والفكين 4	D-OMS 502
Clinical Fixed Prosthodontics I	تركيبات ثابتة اكلينيكية 1	D-CFP 402
Clinical Fixed Prosthodontics II	تركيبات ثابتة أكلينيكية 2	D-CFP 501
Clinical Fixed Prosthodontics III	تركيبات ثابتة أكلينيكية 3	D-CFP 502
Oral Medicine I	طب فم 1	D-OMD 401
Oral Medicine II	طب فم 2	D-OMD 402
Clinical removable Prosthodontics I	الاستعاضة الأكلينيكية في طب الأسنان 1	D-CRP 401
Clinical removable Prosthodontics II	الاستعاضة الأكلينيكية في طب الأسنان 2	D-CRP 402
Clinical removable Prosthodontics III	الاستعاضة الأكلينيكية في طب الأسنان 3	D-CRP 501
Clinical removable Prosthodontics IV	الاستعاضة الأكلينيكية في طب الأسنان 4	D-CRP 502
Oral Radiology	اشعه الفم	D-ORD 301
Comprehensive Care Clinical	الرعاية الاكلينيكية الشاملة	D-CCC 502
Oral health & Preventive Dentistry II	صحة الفم وطرق الوقاية	D-OHP 402
Periodontics I	أمراض لثة 1	D-PER 402
Periodontics II	أمراض لثة 2	D-PER 501
Clinical Endodontics I	علاج جذور اكلينيكي 1	D-CEND 402
Clinical Endodontics II	علاج جذور أكلينيكي 2	D-CEND 501
Clinical Pediatric Dentistry	طب أسنان اطفال اكلينيكي	D- CPED 402
Digital dentistry	طب الأسنان الرقمي	D-DD 502
Principles of Implantology	أساسيات غرس الأسنان	D- IMP 501
Research Project	مشروع بحثي	D-REP 502

مادة (23): المستويات الدراسية :
المستوى الدراسي الأول

Level One, First Semester (101)

No of course	Course	المقرر	Code	Pre-requisite	Lec . hours	Practical hours	Contact hours	Credit hours	Total marks
1	Human Dentition I	تشريح وصفي 1	D-HMD 101	-----	1	2	3	2	100
2	General Anatomy	تشريح عام	B-ANA 101	-----	2	2	4	3	100
3	General Histology	علم الأنسجة	B-HST 101	-----	2	2	4	3	100
4	General Physiology I	علم وظائف الأعضاء	B-PHS 101	-----	2	2	4	3	100
5	Dental Biomaterials	المواد الحيوية للأسنان	D-DBM 101	-----	2	2	4	3	100
6	Biochemistry	كيمياء حيوية	B-BCHM 101	-----	2	2	4	3	100
7	English I	إنجليزي 1	UM-EI-101	-----	1	-	1	1	-
8	Information Technology	تكنولوجيا المعلومات	UM-IT-101	-----	1	-	1	1	-
Total								19h	

Level One, Second Semester (102)

No of course	Course	المقرر	Code	Pre-requisite	Lec. hours	Practical hours	Contact hours	Credit hours	Total marks
1	Human Dentition II	تشريح وصفي 2	D-HMD 102	Human Dentition I	1	2	3	2	100
2	Special Anatomy	تشريح خاص	B-ANA 102	General Anatomy	2	2	4	3	100
3	General Physiology II	علم وظائف الأعضاء 2	B-PHS 102	General Physiology I	2	2	4	3	100
4	Applied Dental Biomaterials I	تطبيقات مواد الأسنان الحيوية 1	D-ABM 102	Dental biomaterials	2	2	4	3	100
5	General pathology I	الامراض العامة 1	B-PTH 102	General histology	2	2	4	3	100
6	English II	إنجليزي 2	UM-EII-102	English I	1	2	3	2	-
7	Quality Culture	ثقافة الجودة	UM-QC-102	-----	1	-	1	1	-
8	Social Issues & human rights	قضايا مجتمعية وحقوق الانسان	UM-SI-102	-----	1	-	1	1	-
Total	8							18 h	

المستوى الدراسي الثاني

Level Two, First Semester (201)

No of course	Course	المقرر	Code	Pre-requisite	Lec. hours	Practical hours	Contact hours	Credit hours	Total marks
1	Oral Biology I	بيولوجيا الفم 1	D-OB1 201	General histology	2	2	4	3	100
2	General Microbiology	ميكروبيولوجيا عامة	B-GMB 201	-	2	2	2	3	100
3	Applied Dental Biomaterials II	تطبيقات مواد الأسنان الحيوية 2	D-ABM 201	Applied biomaterials I	2	2	4	3	100
4	General pathology II	علم الأمراض العامة 2	B-PTH 201	General pathology I	2	2	4	3	100
5	Pharmacology I	الأدوية 1 علم	B-PHA 201	Biochemistry	2	2	3	3	100
6	Professional Ethics	أخلاقيات المهنة	UM-PE 201	-----	1	-	1	1	-
7	Select FE course	----	ELCT	-----	1	-	1	1	-
8	Select FE course	----	ELCT	-----	1	-	1	1	-
Total								18 h	

Level Two, Second Semester (202)

No of course	Course	المقرر	Code	Pre-requisite	Lec. hours	Practical hours	Contact hours	Credit hours	Total marks
1	Oral Biology II	بيولوجيا الفم 2	D-OB1 202	Oral biology I	2	2	4	3	100
2	Oral pathology I	أمراض الفم 1	D-OPH 202	General pathology II	2	2	4	3	100
3	General Surgery	جراحة عامة	M-GSR 202	General Anatomy	1	2	3	2	100
4	Ear, Nose and Throat & Oph	أنف وأذن وجراحة ورم	M-ENOP 202	Special Anatomy	2	2	1	3	100
5	Pharmacology II	علم الأدوية 1	B-PHA 202	Pharmacology I	2	2	4	3	100
6	Orthodontics I	تقويم أسنان 1	D-ORTH 202	Human dentition II	1	2	3	2	100
7	General internal medicine	باطنة عامة	M-GMD 202	General Physiology II	2	2	4	3	100
8	Entrepreneurship	ريادة الأعمال	UM-EP 202	-----	1	-	1	1	-
9	Select FE Course	-	ELCT	-----	1	-	1	1	-
Total								21h	

المستوى الدراسي الثالث

Level Three, First semester (301)

No of course	Course	المقرر	Code	Pre-requisite	Lec. hours	Practical hours	Contact hours	Credit hours	Total marks
1	Oral Pathology II	أمراض الفم 2	D-OPTH 301	Oral pathology I	2	2	4	3	100
2	Preclinical Restorative Dentistry I	علاج تحفظي قبل الأكلينيكي 1	D-PRD 301	Applied Dental Biomaterials II	1	4	5	3	100
3	Preclinical Fixed Prosthodontics I	تركيبات ثابتة قبل الأكلينيكي 1	D-PFP 301	Applied Dental Biomaterials II	1	4	5	3	100
4	Preclinical removable Prosthodontics I	الاستعاضة قبل الأكلينيكي 1	D-PRP 301	Applied Dental Biomaterials II	1	4	5	3	100
5	Orthodontics II	تقويم اسنان 2	D-ORTH 301	Orthodontics I	1	2	3	2	100
6	Dermatology	الجلدية	M-DER 301	General pathology II	1	2	3	2	100
7	Select FE course	-	ELCT	-----	1	-	1	1	-
Total								17h	

Level Three, Second Semester (302)

No of course	Course	المقرر	Code	Pre-requisite	Lec. hours	Practical hours	Contact hours	Credit hours	Total marks
1	Oral Diagnosis	تشخيص الفم	D- ODD 302	Oral Pathology II	2	2	4	3	100
2	Preclinical Restorative Dentistry II	علاج تحفظي قبل الأكلينيكي 2	D-PRD 302	Preclinical Restorative Dentistry I	1	4	5	3	100
3	Preclinical Fixed Prosthodontics II	تركيبات ثابتة قبل الأكلينيكي 2	D-PFP 302	Preclinical Fixed Prosthodontics I	1	4	5	3	100
4	Preclinical removable Prosthodontics II	الاستعاضة قبل الأكلينيكي 2	D-PRP 302	Preclinical Prosthetic Dentistry I	1	4	5	3	100
5	Oral radiology	اشعة الفم	D-ORD 302	Oral pathology II	2	2	4	3	100
6	Oral health & Preventive Dentistry I	صحة الفم وطرق الوقاية 1	D-OHP 302	Oral pathology II	1	2	1	2	100
7	Preclinical Endodontics I	علاج جذور قبل اكلينيكي 1	D-PEND 302	Preclinical Restorative Dentistry I	1	3	4	2	100
8	Principle of Artificial Intelligence	مبادئ الذكاء الاصطناعي	ELCT	-	1	-	-	1	-
Total								20h	

المستوى الدراسي الرابع

Level Four, First Semester (401)

No of course	Course	المقرر	Code	Pre-requisite	Lec. H.	Practical H.	Contact H.	Credit H.	Total marks
1	Clinical Restorative Dentistry I	علاج تحفظي أكلينيكي 1	D-CRD 401	Preclinical Restorative Dentistry II	1	3	4	2	100
2	Preclinical Fixed Prosthodontics III	تركيبات ثابتة قبل أكلينيكي 3	D-PFP 401	Preclinical fixed prosthodontics II	1	3	4	2	100
3	Clinical removable Prosthodontics I	الاستعاضة الأكلينيكية 1	D-CRP 401	Preclinical removable Prosthetic I	2	3	5	3	100
4	Oral Medicine I	طب الفم 1	D-OMD 401	General Medicine, Oral Pathology II	2	2	4	3	100
5	Preclinical Pediatric Dentistry	طب أسنان اطفال قبل أكلينيكي	D-PPED 401	Preclinical Restorative Dentistry II	1	2	3	2	100
6	Preclinical Endodontics II	علاج جذور قبل أكلينيكي 2	D-PEND 401	Preclinical Endodontics I	1	3	4	2	100
7	Oral and Maxillofacial Surgery I	جراحة الفم و الوجه و الفكين 1	D-OMS 401	Special anatomy	2	2	4	3	100
8	Oral health & Preventive II	صحة الفم وطرق الوقاية 2	D-OHP 401	Oral health & Preventive I	1	2	3	2	100
Total								19 h	

Level Four , Second Semester (402)

No of course	Course	المقرر	Code	Pre-requisite	Lec. H.	Practical H.	Contact H.	Credit H.	Total marks
1	Clinical Restorative Dentistry II	علاج تحفظي أكلينيكي 2	D-CRD 402	Clinical Restorative Dentistry I	1	3	4	2	100
2	Clinical Fixed Prosthodontics I	تركيبات ثابتة أكلينيكية 1	D-CFP 402	Pre-clinical Fixed Prosthodontics III	1	3	4	2	100
3	Clinical removable Prosthodontics II	الاستعاضة الأكلينيكية 2	D-CRP 402	Preclinical removable Prosthetics I	1	3	4	2	100
4	Oral Medicine II	طب فم 2	D-OMD 402	Oral Medicine I	2	2	4	3	100
5	Clinical Endodontics I	علاج الجذور الأكلينيكي 1	D-CEND 402	Preclinical Endodontics II	1	3	4	2	100
6	Oral and Maxillofacial Surgery II	جراحة الفم و الوجه و الفكين 2	D-OMS 402	Oral and Maxillofacial Surgery I	2	2	4	3	100
7	Clinical Pediatric Dentistry	طب أسنان الاطفال الأكلينيكي	D-CPED 402	Pre-Clinical Pediatric dentistry	2	3	5	3	100
8	Periodontics I	أمراض اللثة 1	D-PER 402	Oral diagnosis	2	2	4	3	100
Total								20 h	

المستوى الدراسي الخامس

Level Five, First Semester (501)

No of course	Course	المقرر	Code	Pre-requisite	Lec. H.	Practical H.	Contact H.	Credit H.	Total marks
1	Clinical Restorative Dentistry III	العلاج التحفظي أكلينيكي 3	D-CRD 501	Clinical restorative II	1	4	5	3	100
2	Clinical Fixed Prosthodontics II	تركيبات ثابتة أكلينيكية 2	D-CFP 501	Clinical Fixed Prosthodontics I	1	4	5	3	100
3	Clinical removable Prosthodontics III	الاستعاضة الأكلينيكية 3	D-CRP 501	Clinical removal Prosthetics II	1	4	5	3	100
4	Clinical Endodontics II	علاج الجذور الأكلينيكي 2	D-CEND 501	Clinical Endodontics I	1	4	4	3	100
5	Oral and Maxillofacial Surgery III	جراحة الفم و الوجه و الفكين 3	D-OMS 501	Oral and Maxillofacial Surgery II	2	2	4	3	100
6	Periodontics II	أمراض اللثة 2	D-PER 501	Periodontics I	2	2	4	3	100
7	Dental Occlusion	إطباق الأسنان	B-DOC 501	Clinical fixed prosthodontics I	1	-	1	1	100
8	Principles of Implantology	أساسيات غرس الأسنان	D-IMP 501	Oral Radiology I Oral surgery II	1	-	1	1	100
Total								20h	

Level Five, Second Semester (502)

No of course	Course	المقرر	Code	Pre-requisite	Lec. H.	Practical H.	Contact H.	Credit H.	Total marks
1	Clinical Restorative Dentistry IV	العلاج التحفظي الأكلينيكي 4	D-CRD 502	Clinical Restorative III	1	4	5	3	100
2	Clinical Fixed Prosthodontics III	تركيبات ثابتة أكلينيكية 3	D-CFP 502	Clinical Fixed Prosthodontics II	1	4	5	3	100
3	Clinical removable Prosthodontics IV	الاستعاضة الأكلينيكية 4	D-CRP 502	Clinical removable Prosthetics III	1	4	5	3	100
4	Research project	مشروع بحثي	D-REP 502	Clinical fixed prosthodontics II Clinical restorative III Periodontics I	1	6	5	4	100
5	Oral and Maxillofacial Surgery IV	جراحة الفم والوجه و الفكين 4	D-OMS 502	Oral and Maxillofacial Surgery III	2	2	4	3	100
7	Comprehensive Care Clinic	الرعاية الأكلينيكية الشاملة	D-CCC 502	Oral Maxillofacial surgery III Periodontology I, Oral radiology Clinical Removable Prosthetics III Clinical Endodontics I, Clinical Pediatric Dentistry II Clinical Restorative Dentistry III Clinical Fixed Prosthodontics II	-	6	6	3	100
8	Robotics and nano Robotics in Dentistry	الروبوتات و النانو روبوت في طب الأسنان	ELCT	-	1	-	-	1	-
9	Digital dentistry	طب الأسنان الرقمي	D-DD 502	Clinical Restorative Dentistry III Clinical Fixed Prosthodontics II Clinical Removable Prosthetics III Oral Radiology	1	-	1	1	100
Total								21 h	

الباب السابع

✓ الأقسام العلمية المشاركة في البرنامج



الأقسام العلمية التي تشارك في تقديم البرنامج

1- Dental Biomaterials							
Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-DBM 101	Dental Biomaterials	2	-	-	-	2	2
D-ABM 102	Applied Dental Bio-materials I	2	2	-	-	4	3
D-ABM 201	Applied Dental Bio-materials II	2	2	-	-	4	3
N. of courses = 3	Total	6	4	-	-	10	8

2- Oral Biology							
Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-HUM101	Human Dentition I	1	2	-	-	3	2
D-HUM 102	Human Dentition II	1	2	-	-	3	2
D-OB1 201	Oral Biology I	2	2	-	-	4	3
D-OB1 202	Oral Biology II	2	2	-	-	4	3
N. of courses = 4	Total	6	8	-	-	14	10

3- Oral & Maxillofacial Pathology							
Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-OPTH 202	Oral Pathology I	2	2	-	-	4	3
D-OPTH 301	Oral Pathology II	2	2	-	-	4	3
N. of courses = 2	Total	4	4	-	-	8	6

4- Oral Medicine , Periodontology ,Oral Diagnosis and Radiology							
Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-ORD 302	Oral Radiology	2	-	2	-	4	3
D-ODD 302	Oral Diagnosis	2	-	2	-	4	3
D-PER 402	Periodontology I	2	-	2	-	4	3
D-PER 501	Periodontology II	2	-	2	-	4	3
D-OMD 401	Oral Medicine I	2	-	2	-	4	3
D-OMD 402	Oral Medicine II	2	-	2	-	4	3
D-IMP 501	Principles of Implantology	1	-	-	-	1	1
D-CCC 502	Clinical comprehensive cases	1	-	6	-	6	3
N. of courses=8	Total	14	-	16	-	30	22

5- Orthodontics							
Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-ORTH 202	Orthodontics I	1	2	-	-	3	2
D-ORTH 301	Orthodontics II	1	2	-	-	3	2
N. of courses =2	Total	2	4	-	-	6	4



6- Prosthetic Dentistry

Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-PRP 301	Preclinical Removable prosthodontics I	1	4	-	-	5	3
D-PRP 302	Preclinical Removable prosthodontics II	1	4	-	-	5	3
D-CRP 401	Clinical Removable prosthodontics I	1	-	3	-	4	2
D-CRP 402	Clinical Removable prosthodontics II	1	-	3	-	4	2
D-CRP 501	Clinical Removable prosthodontics III	1	-	4	-	5	3
D-CRP 502	Clinical Removable prosthodontics IV	1	-	4	-	5	3
D-IMP 501	Principles of Implantology	1	-	-	-	1	1
N. of courses=7	Total	7	8	14	-	29	17

7- Pediatric Dentistry , Dental Public Health and Preventive Dentistry

Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-PPED 401	Preclinical Pediatric Dentistry	1	2	-	-	3	2
D-CPED 402	Clinical Pediatric Dentistry	2	-	3	-	5	3
D-OHP 302	Oral Health and preventive Dentistry I	1	-	-	-	1	1
D-OHP 401	Oral Health and preventive Dentistry II	1	-	2	-	3	2
N. of courses= 4	Total	5	2	5	-	12	8

8- Restorative Dentistry

Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-PRD 301	Preclinical Restorative Dentistry I	1	4	-	-	5	3
D-PRD 302	Preclinical Restorative Dentistry II	1	4	-	-	5	3
D-CRD 401	Clinical Restorative Dentistry I	1	-	3	-	4	2
D-CRD 402	Clinical Restorative Dentistry II	1	-	3	-	4	2
D-CRD 501	Clinical Restorative Dentistry III	1	-	4	-	5	3
D-CRD 502	Clinical Restorative Dentistry IV	1	-	4	-	5	3
N. of courses= 6	Total	6	8	14	-	28	16

9- Fixed Prosthodontics

Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-PFP 301	Preclinical Fixed Prosthodontics I	1	4	-	-	5	3
D-PFP 302	Preclinical Fixed Prosthodontics II	1	4	-	-	5	3
D-PFP 401	Preclinical Fixed Prosthodontics III	1	3	-	-	4	2
D-CFP 402	Clinical Fixed Prosthodontics I	1	3			4	2
D-CFP 501	Clinical Fixed Prosthodontics II	1	-	4	-	5	3
D-CFP 502	Clinical Fixed Prosthodontics III	1	-	4	-	5	3
D-IMP 501	Principles of Implantology	1				1	1
B-OCC 501	Dental Occlusion	2	-	-	-	2	2
D-DD 502	Digital dentistry	1				1	1
N. of courses= 8	Total	9	14	8	-	31	20

10- Endodontics

Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-PEND 302	Preclinical Endodontics I	1	3	-	-	4	2
D-PEND 401	Preclinical Endodontics II	1	3	-	-	4	2
D-CEND 402	Clinical Endodontics I	1	-	3	-	4	2
D-CEND 501	Clinical Endodontics II	1	-	4	-	4	3
N. of courses = 4	Total	1	6	6	-	16	9

11- Oral and Maxillofacial Surgery

Code	Title	Lect.	Lab.	Clin.	Sem.	Total Hrs.	Credit Hrs.
D-OMS 401	Oral and Maxillofacial Surgery I	2	-	2	-	4	3
D-OMS 402	Oral and Maxillofacial Surgery II	2	-	2	-	4	3
D-OMS 501	Oral and Maxillofacial Surgery III	2	-	2	-	4	3
D-OMS 502	Oral and Maxillofacial Surgery IV	2	-	2	-	4	3
D-IMP 501	Principles of Implantology	1		-	-	1	1
N. of courses = 5	Total	9	-	8	-	17	13

الباب الثامن

✓ نموذج المقررات





نموذج المواصفات الأساسية لمقرر طب الفم 1

D-OMD401		Oral Medicine I		2 CH	
Prerequisites		General Medicine and Oral Pathology II			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90	Equivalent ECTS		4
Course Content					
Vesiculo-Bullous and Ulcerative Lesions of the Oral Mucosa					
Bleeding and Clotting Disorders					
Red and White Lesions of the Oral Mucosa					
Immunological diseases					
Hypersensitivity reactions					
Salivary Gland Diseases					
Pigmented lesions of oral mucosa					
Taught in Program(s): Bachelor's degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
20%	10%	10%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
10%		0%		10%	
				0%	



نموذج المواصفات الأساسية لمقرر أشعة الفم

D-ORD302		Oral radiology		2 CH	
Prerequisites		Oral Biology II			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		0		2	
Required SWL		90		Equivalent ECTS	
				3	
Course Content					
Radiation physics & characteristics					
Radiation biology & safety					
Dental film equipment & film processing & Errors					
Radiology techniques (Paralleling – bisecting – bitewing)					
Panoramic radiograph.					
Normal anatomy					
Digital radiography					
General principles of radiographic interpretation & interpretation of periodontal disease and caries					
Interpretation of Radiolucent &radio opaque lesions					
CBCT					

Taught in Program(s): Bachelor's degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
10%	0%	10%	0%



نموذج المواصفات الأساسية لمقرر طب الفم 2

D-OMD402		Oral Medicine II		2 CH	
Prerequisites		Oral Medicine I			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90		Equivalent ECTS	
				4	
Course Content					
Hematologic Diseases, Endocrine Diseases, Diabetes, Oro- facial pain, Diagnosis and Conservative Treatment of TMJ, Oral cancer, Tongue diseases, Infectious diseases					
Taught in Program(s): Bachelor's degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
10%		0%		10%	
				Industry-based (IB)	
				0%	



نموذج المواصفات الأساسية لمقرر امراض اللثة 1

D-PER501		Periodontology I		2 CH	
Prerequisites		General Microbiology- Oral Pathology			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90		Equivalent ECTS	
				4	
Course Content					
Microbiology of Periodontal Diseases and Classification of diseases and conditions affecting the periodontium and clinical features of gingivitis					
Microbial Interactions with the Host in Periodontal Diseases, Calculus & other local factor &					
The relation between periodontal and systemic health					
Gingival inflammation & clinical features & Risk Factors in Periodontal Disease					
Gingival Enlargement					
Acute gingival infections and periodontal abscess					
Periodontal pocket					
Chronic and aggressive periodontitis					
Determination of prognosis					
Risk factors in periodontal disease					
Taught in Program(s): Bachelor's degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	Industry-based (IB)
10%		0%		10%	0%



نموذج المواصفات الأساسية لمقرر امراض اللثة 2

D-PER502		Periodontology II		2 CH	
Prerequisites		Periodontics I			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90	Equivalent ECTS		4
Course Content					
Periodontal Response to External Forces. General Principles Of Periodontal Surgery, Gingival Surgical Techniques. Anti Infective Agents Host Modulation Agents. The Periodontal Flap, The Flap Technique for Pocket Therapy. Resective Osseous Surgery, Bone Loss and Patterns of Bone Destruction. Reconstructive Periodontal Surgery. Furcation: Involvement and Treatment. Periodontal Plastic and Esthetic Surgery. Perio- Restorative – Interrelationship and esthetic crown lengthening. Minimally invasive surgery & use of PRF.					
Taught in Program(s): Bachelor’s degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	Industry-based (IB)
10%		0%		10%	0%

نموذج المواصفات الأساسية لمقرر التشخيص

ODD 301		Diagnosis		2 CH
Prerequisites		Oral Pathology II		
Number of weekly Contact Hours				
Lecture		Tutorial		Clinical
2		0		2
Required SWL		90	Equivalent ECTS	
			4	
Course Content				
Patient History& Examination Techniques, Extra – Oral Examination(general examination) &(TMJ examination) (Lymph node) &(neck masses), Intra – Oral Examination (general examination)& (exophytic lesions), Laboratory Aids to Diagnosis, Comprehensive Treatment plan &Application & Diagnosis of Salivary Gland Disease, Methods of Differential Diagnosis of Oral Ulcers, Methods of Differential diagnosis Red & White Lesions , Differential Diagnosis of Dental Pain & Oral Biopsy, Advanced Diagnostic Techniques.				

Taught in Program(s): Bachelor's degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
10%	0%	10%	0%



نموذج المواصفات الأساسية لمقرر علاج جذور قبل اكلينيكي 2

D050				Preclinical Endodontics II				2 CH			
Prerequisites				D-PRD 302							
Number of weekly Contact Hours											
Lecture				Tutorial				Clinical			
1				0				3			
Required SWL			90			Equivalent ECTS			2		
Course Content											
Biomechanical root canal preparation, Root canal obturation, Rubber dam isolation, Sterilization of endodontic instruments.											
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery											
As major in Program(s) Code(s)											
Dental Program											
As minor in Program(s) Code(s)											
Targeted Sustainable Development Goals											
<input type="checkbox"/> GOAL 1: No Poverty		<input type="checkbox"/> GOAL 2: Zero Hunger		<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being		<input type="checkbox"/> GOAL 4: Quality Education		<input type="checkbox"/> GOAL 5: Gender Equality		<input type="checkbox"/> GOAL 6: Clean Water and Sanitation	
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy		<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth		<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure		<input type="checkbox"/> GOAL 10: Reduced Inequality		<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities		<input type="checkbox"/> GOAL 12: Responsible Consumption and Production	
<input type="checkbox"/> GOAL 13: Climate Action		<input type="checkbox"/> GOAL 14: Life Below Water		<input type="checkbox"/> GOAL 15: Life on Land		<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions		<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal			
Assessment Weights											
Student Activities (SA)		Midterm (MT)		Practical / Oral Exam (PE)				Final (FE)			
		<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam		<input checked="" type="checkbox"/> Oral Exam		<input type="checkbox"/> Assessment		<input checked="" type="checkbox"/> Exam	
15%		5%		25%		15%		0%		40%	
Student Activities Breakdown (Distribution for Study Blocks)											
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)				Industry-based (IB)			
0%		5%		0%				0%			



نموذج المواصفات الأساسية لمقرر علاج تحفظي اكلينيكي 1

ODIA 311		Diagnosis I		2 CH		
Prerequisites		Clinical operative dentistry				
Number of weekly Contact Hours						
Lecture		Tutorial		Clinical		
1		0		3		
Required SWL		90	Equivalent ECTS		4	
Course Content						
Endodontic diagnosis and treatment plan, recent advances in root canal disinfection, etiology of pulp inflammation, pulp and periapical pathosis, endodontic emergency, endo-perio lesions and therapy.						
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery						
As major in Program(s) Code(s)						
Dental Program						
As minor in Program(s) Code(s)						
D-CEND 501						
Targeted Sustainable Development Goals						
<input type="checkbox"/> GOAL 1: know how to do diagnosis	<input type="checkbox"/> GOAL 2: case selection	<input checked="" type="checkbox"/> GOAL 3: how to deal with root canal infection	<input type="checkbox"/> GOAL 4: management of pulp and perapical pathosis	<input type="checkbox"/> GOAL 5: Management of endo-perio lesions	<input type="checkbox"/> GOAL6:managent of endodontic emergency	
Assessment Weights						
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
20%	10%		25%	15%	0%	40%
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)
5%		5%		0%		0%



نموذج المواصفات الأساسية لمقرر التقويم II

ODIA 311		Orthodontic II		2 CH	
Prerequisites		D-ORTH 301			
Number of weekly Contact Hours					
Lecture		Tutorial		Practical	
1		0		2	
Required SWL		60		Equivalent ECTS	
				3	
Course Content					
Classification of malocclusion, orthodontic diagnosis and simple treatment planning. retention and relapses, orthodontic materials Laboratory skills in wire bending exercises.					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
10%		0%		10%	
				Industry-based (IB)	
				0%	



نموذج المواصفات الأساسية لمقرر التقويم I

ODIA 311		Orthodontic I		2 CH	
Prerequisites		D- ORTH 401			
Number of weekly Contact Hours					
Lecture		Tutorial		Practical	
1		0		2	
Required SWL		60		Equivalent ECTS 3	
Course Content					
Craniofacial growth and development of dentition, stomatognathic physiology and occlusion, etiology of malocclusion. Laboratory skills in wire bending exercises.					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
10%		0%		10% 0%	



نموذج المواصفات الأساسية لمقرر Preclinical Fixed Prosthodontics I

D-PFP 301 Preclinical Fixed Prosthodontics I			
Prerequisites		Applied Dental Biomaterials II	
Number of weekly Contact Hours			
Lecture		Tutorial (Practical)	Clinical
2		4	0
Required SWL			Equivalent ECTS
Course Content			
It provides the students with basic information of fixed prosthodontics for full and partial coverage of teeth.			

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		25%	15%	0%	40%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
5%	5%	0%	0%

نموذج المواصفات الأساسية لمقرر Preclinical Fixed Prosthodontics II

D-PFP 302		Preclinical Fixed Prosthodontics II			
Prerequisites		Preclinical Fixed Prosthodontics I			
Number of weekly Contact Hours					
Lecture		Practical (Practical)		Clinical	
2		4		0	
Required SWL		Equivalent ECTS			
Course Content					
It provides the students with basic information of fixed prosthodontics lab technology.					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
5%		5%		0%	
				Industry-based (IB)	
				0%	



Preclinical Fixed Prosthodontics III نموذج المواصفات الأساسية لمقرر

D-PFP 401 Preclinical Fixed Prosthodontics III						
Prerequisites		Preclinical Fixed Prosthodontics II				
Number of weekly Contact Hours						
Lecture		Tutorial (Practical)			Clinical	
1		3			0	
Required SWL		Equivalent ECTS				
Course Content						
It provides the students with the complementary information between the dentist and the lab technician in order to produce successful dental fixed prosthesis.						
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery						
As major in Program(s) Code(s)						
Dental Program						
As minor in Program(s) Code(s)						
Targeted Sustainable Development Goals						
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>	
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>	
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>		
Assessment Weights						
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)
5%		5%		0%		0%



نموذج المواصفات الأساسية لمقرر Clinical Fixed Prosthodontics I

D-CFP 402 Clinical Fixed Prosthodontics I			
Prerequisites		Preclinical Fixed Prosthodontics III	
Number of weekly Contact Hours			
Lecture		Tutorial (Practical)	Clinical
1		3	3
Required SWL			Equivalent ECTS
Course Content			
It provides the students with basic information about the essential clinical steps required to do a dental fixed prosthesis.			

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
5%	5%	0%	0%



نموذج المواصفات الأساسية لمقرر Clinical Fixed Prosthodontics II

D-CFP 501 Clinical Fixed Prosthodontics II			
Prerequisites		Clinical Fixed Prosthodontics I	
Number of weekly Contact Hours			
Lecture		Tutorial (Practical)	Clinical
1		0	4
Required SWL			Equivalent ECTS
Course Content			
It provides the students with the required occlusal, periodontal, esthetic, and management considerations in fixed prosthodontics.			

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
5%	5%	0%	0%

نموذج المواصفات الأساسية لمقرر Clinical Fixed Prosthodontics III

D-CFP 502 Clinical Fixed Prosthodontics III			
Prerequisites		Clinical Fixed Prosthodontics II	
Number of weekly Contact Hours			
Lecture		Tutorial (Practical)	Clinical
1		0	4
Required SWL			Equivalent ECTS
Course Content			
It provides the students with the advanced information in fixed prosthodontics from a clinical perspective.			

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
0%	0%	10%	0%

نموذج المواصفات الأساسية لمقرر Dental Occlusion

B-DOC 501 Dental Occlusion						
Prerequisites		Clinical Fixed Prosthodontics I				
Number of weekly Contact Hours						
Lecture		Tutorial (Practical)			Clinical	
1		0			0	
Required SWL				Equivalent ECTS		
Course Content						
It provides the students with the information related to dental occlusion.						
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery						
As major in Program(s) Code(s)						
Dental Program						
As minor in Program(s) Code(s)						
Targeted Sustainable Development Goals						
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>	
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>	
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>		
Assessment Weights						
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		0%	20%	0%	60%
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)
5%		5%		0%		0%



نموذج المواصفات الأساسية لمقرر علاج تحفظي قبل اكلينيكي 1

FMD-PRDI-301 Preclinical restorative I				2 CH	
Prerequisites					
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		0		4	
Required SWL		90		Equivalent ECTS	
				5	
Course Content					
Introduction to Conservative Dentistry & Cavity nomenclature , Dental Caries, Biological principles, Mechanical principles, Class I, Class II					
t in Program(s): Bachelor of dental surgery(BDS- Credit hours)					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		26.6%	13.3%	0% 40%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
10%		0%		10% 0%	

نموذج المواصفات الأساسية لمقرر العلاج التحفظي اكلينيكي 2

D-CRD 402 Clinical Restorative Dentistry II				2 CH	
Prerequisites		D-CRD 401			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		0		3	
Required SWL		90		Equivalent ECTS	
				5	
Course Content					
Management of deep carious lesions Preservation of pulp vitality, Class IV tooth Defects, Post-operative pain and dentin hyper sensitivity, Selection of Restorative Materials, Biological influences of restorative materials and procedures, Glass ionomer restorative material.					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	15%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
10%		0%		10% 0%	

نموذج المواصفات الأساسية لمقرر العلاج التحفظي اكلينيكي 2

D-CRD 402 Clinical Restorative Dentistry II				2 CH	
Prerequisites		D-CRD 401			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		0		3	
Required SWL		90		Equivalent ECTS 5	
Course Content					
Management of deep carious lesions Preservation of pulp vitality, Class IV tooth Defects, Post-operative pain and dentin hyper sensitivity, Selection of Restorative Materials, Biological influences of restorative materials and procedures, Glass ionomer restorative material.					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
	10%		20%		10%
10%		10%		0%	50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
10%		0%		10%	
				0%	



نموذج المواصفات الأساسية لمقرر علاج تحفظي قبل اكلينيكي 1

D034	Preclinical restorative I			2 CH	
Prerequisites					
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		4	
Required SWL		90		Equivalent ECTS	
				6	
Course Content					
Introduction to Conservative Dentistry & Cavity nomenclature , Dental Caries, Biological principles, Mechanical principles, Class I, Class II					
t in Program(s): Bachelor degree in dentistry					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)	Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)
10%	0%		10%		0%

نموذج المواصفات الأساسية لمقرر علاج تحفظي قبل اكلينيكي 2

FMD-PRDI-302 Preclinical restorativeII				2 CH	
Prerequisites		FMD-PRDI-301			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		0		4	
Required SWL		90		Equivalent ECTS	
				5	
Course Content					
Class V, Class III, Applied insulating base material, Dental matrices, Dental separation, Composite restoration, Amalgam restorations					
t in Program(s): Bachelor of dental surgery (BDS- Credit hours)					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
10%		0%		10%	
				Industry-based (IB)	
				0%	



نموذج المواصفات الأساسية لمقرر العلاج التحفظي الكليني 3

D-CRD 501		Clinical Restorative Dentistry III		2 CH	
Prerequisites		Clinical restorative II			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		0		4	
Required SWL		90	Equivalent ECTS		4
Course Content					
Adhesion and adhesive material, Cariology and caries management, Esthetic consideration, Esthetic, Shade selection for direct restoration, Management of discolored teeth					
Taught in Program(s): Bachelor of dental surgery (BDS- Credit hours)					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
10%		0%		10% 0%	

نموذج المواصفات الأساسية لمقرر العلاج التحفظي الإكلينيكي 4

D-CRD 502			Clinical Restorative Dentistry IV			2 CH					
Prerequisites		Clinical Restorative III									
Number of weekly Contact Hours											
Lecture			Tutorial			Clinical					
1			0			4					
Required SWL		90		Equivalent ECTS			4				
Course Content											
Management of badly destructed teeth, Etiology, diagnosis and management of non-carious lesion, Advanced restorative materials in operative dentistry, Micro and nano-leakage of dental restorations, Failure of dental restorations											
Taught in Program(s): Bachelor of dental surgery (BDS- Credit hours)											
As major in Program(s) Code(s)											
Dental Program											
As minor in Program(s) Code(s)											
Targeted Sustainable Development Goals											
<div><input type="checkbox"/></div> GOAL 1: No Poverty		<div><input type="checkbox"/></div> GOAL 2: Zero Hunger		<div><input checked="" type="checkbox"/></div> GOAL 3: Good Health and Well-being		<div><input type="checkbox"/></div> GOAL 4: Quality Education		<div><input type="checkbox"/></div> GOAL 5: Gender Equality		<div><input type="checkbox"/></div> GOAL 6: Clean Water and Sanitation	
<div><input type="checkbox"/></div> GOAL 7: Affordable and Clean Energy		<div><input type="checkbox"/></div> GOAL 8: Decent Work and Economic Growth		<div><input type="checkbox"/></div> GOAL 9: Industry, Innovation and Infrastructure		<div><input type="checkbox"/></div> GOAL 10: Reduced Inequality		<div><input checked="" type="checkbox"/></div> GOAL 11: Sustainable Cities and Communities		<div><input type="checkbox"/></div> GOAL 12: Responsible Consumption and Production	
<div><input type="checkbox"/></div> GOAL 13: Climate Action		<div><input type="checkbox"/></div> GOAL 14: Life Below Water		<div><input type="checkbox"/></div> GOAL 15: Life on Land		<div><input type="checkbox"/></div> GOAL 16: Peace and Justice Strong Institutions		<div><input type="checkbox"/></div> GOAL 17: Partnerships to achieve the Goal			
Assessment Weights											
Student Activities (SA)		Midterm (MT)		Practical / Oral Exam (PE)			Final (FE)				
		<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam		<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam			
10%		10%		20%		10%		0%		50%	
Student Activities Breakdown (Distribution for Study Blocks)											
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)			Industry-based (IB)				
10%		0%		10%			0%				

نموذج المواصفات الأساسية لمقرر طب أسنان اطفال اكلينيكي II

D-CPED 501 Clinical Pediatric Dentistry						
Prerequisites		D-PPED 402				
Number of weekly Contact Hours						
Lecture		Tutorial			Clinical	
2		0			3	
Required SWL		90		Equivalent ECTS		4
Course Content						
the principles of pediatric dentistry, oral diseases of children and highlighting major differences between restorative procedures for children and adults.						
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery						
As major in Program(s) Code(s)						
Dental Program						
As minor in Program(s) Code(s)						
Targeted Sustainable Development Goals						
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>	
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>	
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>		
Assessment Weights						
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)
10%		0%		10%		0%

نموذج المواصفات الأساسية لمقرر صحة الفم وطرق الوقاية II

D-OHP 501		Oral health & Preventive Dentistry II		2 CH			
Prerequisites		D-OHP 401					
Number of weekly Contact Hours							
Lecture		Tutorial		Clinical			
1		0		2			
Required SWL		90		Equivalent ECTS 4			
Course Content							
diagnose, identify risk factors for oral diseases. Additionally, this course discusses the principles of forensic dentistry and introduce the recent clinical approaches in preventive dentistry							
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery							
As major in Program(s) Code(s)							
Dental Program							
As minor in Program(s) Code(s)							
Targeted Sustainable Development Goals							
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation		
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production		
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal			
Assessment Weights							
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)		
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	
10%	10%		20%	10%	0%	50%	
Student Activities Breakdown (Distribution for Study Blocks)							
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)	
10%		0%		10%		0%	



نموذج المواصفات الأساسية لمقرر طب أسنان أطفال قبل أكلينيكي I

D-PPED 402 Preclinical Pediatric Dentistry					
Prerequisites		D-PRD 302			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		0		2	
Required SWL		90		Equivalent ECTS	
				4	
Course Content					
knowledge of pediatric dental concepts, problems of primary & mixed dentitions and to be able to carry out the preventive and space managing appliances and interceptive orthodontic measure					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%	20%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)	Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)
10%	0%		10%		0%



نموذج المواصفات الأساسية لمقرر صحة الفم وطرق الوقاية I

D-OHP 401		Dental health &Preventive Dentistry I		2 CH
Prerequisites				
Number of weekly Contact Hours				
Lecture		Tutorial		Clinical
1		0		0
Required SWL		45	Equivalent ECTS 2	
Course Content				
the acquired knowledge to the long-term monitoring and prevention of dental caries following effective infection control measures.				

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
10%	0%	10%	0%



نموذج المواصفات الأساسية لمقرر المواد الحيوية للأسنان

D-DBM 101		Dental biomaterials	
Prerequisites		-----	
Number of weekly Contact Hours			
Lecture	Tutorial	practical	
2	0	2	
Required SWL	90	Equivalent ECTS	
Course Content			
Introduction structure of matter- physical properties- mechanical properties- viscoelasticity- polymers- basics of bonding – basics of ceramics- Metallurgy – casting alloys- investments- casting technology			
Taught in Program(s): Bachelor of Dental Surgery			
As major in Program(s) Code(s)			
Dental Program			
As minor in Program(s) Code(s)			
Targeted Sustainable Development Goals			
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education
<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation	<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth
<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions
<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal			
Assessment Weights			
Student Activities (SA)	Midterm (MT)	Practical / Oral Exam (PE)	Final (FE)
	<input checked="" type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam <input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%	20%	10%
			0%
			60%
Student Activities Breakdown (Distribution for Study Blocks)			
Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
4%	4%	2%	0%



نموذج المواصفات الأساسية لمقرر امراض الفم OPI

B-OPTH301	Oral Pathology I			
Pre-requisites	General pathology II			
Number of weekly Contact Hours				
Lecture		Tutorial		Lab. Practical
2		0		2
Required SWL	60		Equivalent ECTS	3
Course Content				

Dental Caries- Diseases of the Pulp- Periapical Lesions- Osteomyelitis- Reactive Lesions- Odontogenic Cysts- Non-Odontogenic Cysts- Soft Tissue Cysts- Odontogenic Epithelial Tumors- Odontogenic Mixed & Mesenchymal Tumors- Bone Diseases- Developmental disturbances of oral & para-oral structures

Taught in Program(s): Bachelor Degree of Dental Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

B-OPTH301

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: Identify the different oral diseases	<input type="checkbox"/> GOAL 2: Record the basic cellular and molecular events of oral diseases	<input checked="" type="checkbox"/> GOAL 3: Identify the clinical, radiographic and microscopic features of benign and malignant oral neoplasms	<input type="checkbox"/> GOAL 4: Define oral lesions by employing the correct terminology	<input type="checkbox"/> GOAL 5: State various factors affecting the prognosis of oral diseases	<input type="checkbox"/> GOAL 6: Associate signs and symptoms of oral diseases.
<input type="checkbox"/> GOAL 7: Connect the clinicopathological features of the diseases	<input type="checkbox"/> GOAL 8: Compare the differential diagnosis of similar diseases.	<input type="checkbox"/> GOAL 9: Develop professional decision-making	<input type="checkbox"/> GOAL 10: Perform spot diagnosis.	<input checked="" type="checkbox"/> GOAL 11: Choose the correct additional laboratory investigation to help in diagnosing cases	<input type="checkbox"/> GOAL 12: Attain presentation and communication skills through group discussions
<input type="checkbox"/> GOAL 13: Improve student's skills for early detection of oral cancer	<input type="checkbox"/> GOAL 14: Increase awareness of community	<input checked="" type="checkbox"/> GOAL 15: Communicate in a team and collaborate with others to reach the target			

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Midterm Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Final Exam
10 marks (6.66%)	0%	20 marks (13.33%)	40 marks (26.66%)	20 marks (13.33%)	0%	60 marks (40%)

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
5 marks (3.33%)	5 marks (3.33%)	0%	0%

نموذج المواصفات الأساسية لمقرر امراض الفم OPH

B-OPHTH302 Oral Pathology II			
Pre-requisites		Oral pathology I	
Number of weekly Contact Hours			
Lecture		Tutorial	
2		0	
Lab. Practical			
2			
Required SWL		60	Equivalent ECTS
			3
Course Content			

White oral lesions - Carcinogenesis - Premalignant oral lesions - Benign epithelial non-odontogenic tumors - Malignant epithelial non-odontogenic tumors - Reactive lesions - Benign connective tissue non-odontogenic tumors - Malignant connective tissue non-odontogenic tumors - Salivary gland diseases - Benign salivary gland tumors - Malignant salivary gland tumors- Vesiculobullous lesions- Infectious diseases.

Taught in Program(s): Bachelor Degree of Dental Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

B-OPHTH302

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: Identify the different oral diseases	<input type="checkbox"/> GOAL 2: Record the basic cellular and molecular events of oral diseases	<input checked="" type="checkbox"/> GOAL 3: Identify the clinical, radiographic and microscopic features of benign and malignant oral neoplasms	<input type="checkbox"/> GOAL 4: Define oral lesions by employing the correct terminology	<input type="checkbox"/> GOAL 5: State various factors affecting the prognosis of oral diseases	<input type="checkbox"/> GOAL 6: Associate signs and symptoms of oral diseases.
<input type="checkbox"/> GOAL 7: Connect the clinicopathological features of the diseases	<input type="checkbox"/> GOAL 8: Compare the differential diagnosis of similar diseases.	<input type="checkbox"/> GOAL 9: Develop professional decision-making	<input type="checkbox"/> GOAL 10: Perform spot diagnosis.	<input checked="" type="checkbox"/> GOAL 11: Choose the correct additional laboratory investigation to help in diagnosing cases	<input type="checkbox"/> GOAL 12: Attain presentation and communication skills through group discussions
<input type="checkbox"/> GOAL 13: Improve student's skills for early detection of oral cancer	<input type="checkbox"/> GOAL 14: Increase awareness of community	<input type="checkbox"/> GOAL 15: Communicate in a team and collaborate with others to reach the target			

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Midterm Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10 marks (6.66%)	0%	20 marks (13.33%)	40marks (26.66%)	20 marks (13.33%)	0%	60marks (40%)

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
5 marks (3.33%)	5 marks (3.33%)	0%	0%



نموذج المواصفات الأساسية لمقرر المواد الحيوية للأسنان

D-DBM 101				2 CH
Prerequisites		OPAT 221		
Number of weekly Contact Hours				
Lecture		Tutorial		Practical
2		0		2
Required SWL		90	Equivalent ECTS	
Course Content				
Introduction structure of matter- physical properties- mechanical properties- viscoelasticity- polymers- basics of bonding – basics of ceramics- Metallurgy – casting alloys- investments- casting technology				

Taught in Program(s): Bachelor of Dental Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)	Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam	
10%	10%	20%	10%	0%	60%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
4%	4%	2%	0%

نموذج المواصفات الأساسية لمقرر تطبيقات مواد الاسنان الحيوية 1

B-ABM 201		Applied dental biomaterials I		2 CH	
Prerequisites		D-DBM 101			
Number of weekly Contact Hours					
Lecture		Tutorial		practical	
2		0		2	
Required SWL		90		Equivalent ECTS	
Course Content					
Ceramics- Impression materials - Model & die materials - Dental implant - Denture Base Materials - Soft liners					

Taught in Program(s): Bachelor of Dental Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
---------------------------------------------	----------------------------------------------	------------------------------------------------------------------------	----------------------------------------------------	--------------------------------------------------	-------------------------------------------------------------



<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)	Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam	
15%	5%	20%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)		
2.5%	10%	2.5%	0%		

نموذج المواصفات الأساسية لمقرر تطبيقات مواد الاسنان الحيوية 2

B-ABM 202		Applied dental biomaterials II		2 CH	
Prerequisites		B-ABM 201			
Number of weekly Contact Hours					
Lecture		Tutorial		Practical	
2		0		2	
Required SWL		90		Equivalent ECTS	
Course Content					
Adhesive system- Dental cements- Dental Amalgam- Composite resin					
Taught in Program(s): Bachelor of Dental Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
15%	5%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
2.5%		10%		2.5% 0%	



نموذج المواصفات الأساسية لمقرر جراحة الفم والوجه والفكين 3

D-OMS501		Oral and Maxillofacial surgery III		2 CH	
Prerequisites		OMS2 (D-OMS402)			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90		Equivalent ECTS 4	
Course Content					
Management of oral& maxillofacial (OMF) cystic lesions 1, Management of oral& maxillofacial (OMF) cystic lesions 2,Management of OMF tumors,Management of OMF tumors and oral cancer,Diagnosis and management of Salivary gland diseases 1,Diagnosis and management of Salivary gland diseases 2,Differential diagnosis of OMF lesions,Maxillary sinus (sinusitis , lesions, oroantral fistula and sinus lifting), Management of oro-facial infections ,Osteomyelitis and Osteoradionecrosis, MRONJ					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
Activities (SA)	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
10%		0%		10% 0%	



نموذج المواصفات الأساسية لمقرر جراحة الفم والوجه والفكين 1

D-OMS401		Oral and Maxillofacial surgery I		2 CH	
Prerequisites		General medicine (M-GMD 302)			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90		Equivalent ECTS 4	
Course Content					
Neuro-Anatomy related to Local Anesthesia (LA),Neurophysiology,LA – Armamentarium,Techniques of maxillary LA Techniques of mandibular LA,Local anesthetic drugs ,Vasoconstrictors,,Complications of LA,Preparation and premedication of the patient,General anesthesia (1),General anesthesia (2)					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
Activities (SA)	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
10%		0%		10% 0%	



نموذج المواصفات الأساسية لمقرر جراحة الفم والوجه والفكين 2

D-OMS402		Oral and Maxillofacial surgery II		2 CH	
Prerequisites		OMS1 (D-OMS401)			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90		Equivalent ECTS	
				4	
Course Content					
Management and diagnosis of medically compromised patients of oral and maxillofacial surgery & medical emergencies (1)					
Management and diagnosis of medically compromised patients of oral and maxillofacial surgery & medical emergencies (2)					
General & anatomical consideration of exodontia,Dental forceps and elevators,Surgical (Trans-alveolar) extraction					
Management of impacted teeth (1),Management of impacted teeth (2),Complications of exodontia ,Preprosthetic surgery					
Dental implantology					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
Activities (SA)	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
10%		0%		10%	
				Industry-based (IB)	
				0%	

نموذج المواصفات الأساسية لمقرر جراحة الفم والوجه والفكين 4

D-OMS502		Oral and Maxillofacial surgery IV		2 CH	
Prerequisites		OMS3 (D-OMS501)			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90		Equivalent ECTS	
				4	
Course Content					
Management of mandibular and condylar fractures,Management of Lefort, Orbital and NOE fractures, Management of Zygomatic complex fractures, Pediatric Maxillofacial trauma,Diagnosis and management of TMJ disorders, TMJ pathology and reconstuction, Diagnosis and management of Orofacial pain, Orthognathic surgery, management of dentofacial deformities&distraction osteogenesis, Management of cleft lip, palate, Management of alveolar cleft					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					



Dental Program						
As minor in Program(s) Code(s)						
Targeted Sustainable Development Goals						
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation	
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production	
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal		
Assessment Weights						
Student Activities (SA)	Midterm (MT)	Practical / Oral Exam (PE)		Final (FE)		
	<input checked="" type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	
10%	10%	20%	10%	0%	50%	
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)		Industry-based (IB)		
10%	0%	10%		0%		

نموذج المواصفات الأساسية لمقرر بيولوجيا الفم 1

B-OBI 201		Oral biology I		3 CH	
Prerequisites		General histology			
Number of weekly Contact Hours:4					
Lecture		Tutorial		practical	
2		0		2	
Required SWL		90		Equivalent ECTS	
				3	
Course Content					
Course Orientation, Initiation of tooth development, bud and cap stages. Early, late bell stage, and root formation Early, late bell stage, and root formation. Enamel structure and function, Amelogenesis, Dentin, Dentingenesis, Pulp. Cementum structure and function, and cementogenesis, PDL, Embryology.					
Taught in Program(s): Bachelor of Dental Surgery (B.D.S) - Credit Hours System-International Program					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Basic B-OBI 201					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input checked="" type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input checked="" type="checkbox"/> GOAL 10: Reduced inequality	<input type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input checked="" type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
	10%	10%	20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
5%		0%		0%	
				Industry-based (IB)	
				0%	



نموذج المواصفات الأساسية لمقرر بيولوجيا
الفم 2 (B-OBI 202) للمستوى الثاني

B-OBI 202		Oral biology 2		3 CH	
Prerequisites		Oral biology1			
Number of weekly Contact Hours:4					
Lecture		Tutorial		Practical	
2		0		2	
Required SWL		90		Equivalent ECTS	
				3	
Course Content					
Alveolar Bone, Oral Mucous Membrane, Salivary Glands, Tooth Eruption, Shedding of Deciduous Teeth, TMJ, Maxillary Sinus& Lymph Drainage, Tongue and palate development, Development and Growth of mandible and Maxilla Development and Growth of mandible and Maxilla.					
Taught in Program(s): Bachelor of Dental Surgery (B.D.S)- Credit Hours System-International Program					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Basic B-OBI 202					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well- being	<input checked="" type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input checked="" type="checkbox"/> GOAL 10: Reduced inequality	<input type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input checked="" type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
5%		0%		0%	
				Industry-based (IB)	
				0%	



نموذج المواصفات الأساسية لمقرر تشريح وصفي ١

B-HMD101 Human Dentition I		2 CH	
Prerequisites		--	
Number of weekly Contact Hours			
Lecture		Tutorial	
1		0	
Laboratory		2	
Required SWL		60	
Equivalent ECTS		2	
Course Content			
Introduction and Nomenclature/ Permanent maxillary Incisors/ Permanent mandibular incisors/ Permanent canine/ Primary anterior teeth/ Geometric outlines/ Physiologic Tooth Form			
Taught in Program(s): Bachelor of Dental Surgery (B.D.S.)			
As major in Program(s) Code(s)			
Dental Program			
As minor in Program(s) Code(s)			
Targeted Sustainable Development Goals			
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well- being	<input checked="" type="checkbox"/> GOAL 4: Quality Education
<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation	<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth
<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input checked="" type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions
<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal			
Assessment Weights			
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)
	<input checked="" type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam		<input checked="" type="checkbox"/> Practical Exam <input checked="" type="checkbox"/> Oral Exam
	10%		0%
Student Activities Breakdown (Distribution for Study Blocks)			
Seminar-based (SB)		Self-learning-based (SL)	Project-based (PB)
0%		5%	0%



نموذج المواصفات الأساسية لمقرر تشريح وصفي ١

B-HMD102		Human Dentition II		2 CH	
Prerequisites		Human Dentition I			
Number of weekly Contact Hours					
Lecture		Tutorial		Laboratory	
1		0		2	
Required SWL		60		Equivalent ECTS	
				2	
Course Content					
Permanent Premolars/ Permanent maxillary molars/ Permanent mandibular molars/ Primary posterior teeth/ Occlusion					
Taught in Program(s): Bachelor of Dental Surgery (B.D.S.)					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input checked="" type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input checked="" type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input checked="" type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
	10%	10%	20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
0%		5%		5%	
				Industry-based (IB)	
				0%	



نموذج المواصفات الأساسية لمقرر التشخيص 1 للمستوى الثالث

D-PRP 301		Pre-Clinical Removable Prosthodontics Dentistry I		3 CH	
Prerequisites		Applied Dental Biomaterials II			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		4		0	
Required SWL		Equivalent ECTS			
Course Content					
Orientation, Introduction & Anatomy of the mouth in relation to complete dentures, Trays and casts, Principles of complete denture Prosthodontic (retention, support, stability), Record blocks, maxillomandibular relations, Mandibular movements, Articulators, face bow and mounting, Selection of artificial teeth & Arrangement of artificial teeth, Denture wax-up & Complete Denture processing					
Deflasking, finishing and polishing & laboratory remounting, Digital denture.					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	Industry-based (IB)
5%		5%		0%	0%



نموذج المواصفات الأساسية لمقرر التشخيص

D-PRP 302	Pre-Clinical Removable Prosthodontics Dentistry II				3 CH	
Prerequisites	Preclinical Prosthetic Dentistry I					
Number of weekly Contact Hours						
Lecture		Tutorial		Clinical		
1		4		0		
Required SWL		Equivalent ECTS				
Course Content						
<p>Orientation- introduction - terminology and classification of removable partial dentures, Surveying of partially edentulous casts,</p> <p>Abutment Preparations, Direct Retainers and attachments, Indirect Retainers and Stress Breakers, Major and Minor connectors, Denture base and teeth for RPD, Designing of RPD, Laboratory procedures of RPD, Non-metallic removable partial dentures, Introduction to digital workflow in RPD.</p>						
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery						
As major in Program(s) Code(s)						
Dental Program						
As minor in Program(s) Code(s)						
Targeted Sustainable Development Goals						
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation	
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production	
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal		
Assessment Weights						
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)	Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)	
5%	5%		0%		0%	



نموذج المواصفات الأساسية الاستعاضة الاكلينيكية 3

CRP 501			Clinical removable prosthodontics III			2 CH					
Prerequisites		CRP 401									
Number of weekly Contact Hours											
Lecture			Tutorial			Clinical					
2			0			0					
Required SWL		90		Equivalent ECTS			4				
Course Content											
Introduction and scope of maxillofacial prosthesis, Congenital oral defects, Acquired oral defects, Stent, Splint, Radiation, Extraoral prosthesis											
Taught in Program(s): Bachelor’s degree of Oral and Dental Medicine and Surgery											
As major in Program(s) Code(s)											
Dental Program											
As minor in Program(s) Code(s)											
Targeted Sustainable Development Goals											
<div><input type="checkbox"/></div> GOAL 1: No Poverty		<div><input type="checkbox"/></div> GOAL 2: Zero Hunger		<div><input checked="" type="checkbox"/></div> GOAL 3: Good Health and Well-being		<div><input type="checkbox"/></div> GOAL 4: Quality Education		<div><input type="checkbox"/></div> GOAL 5: Gender Equality		<div><input type="checkbox"/></div> GOAL 6: Clean Water and Sanitation	
<div><input type="checkbox"/></div> GOAL 7: Affordable and Clean Energy		<div><input type="checkbox"/></div> GOAL 8: Decent Work and Economic Growth		<div><input type="checkbox"/></div> GOAL 9: Industry, Innovation and Infrastructure		<div><input type="checkbox"/></div> GOAL 10: Reduced Inequality		<div><input checked="" type="checkbox"/></div> GOAL 11: Sustainable Cities and Communities		<div><input type="checkbox"/></div> GOAL 12: Responsible Consumption and Production	
<div><input type="checkbox"/></div> GOAL 13: Climate Action		<div><input type="checkbox"/></div> GOAL 14: Life Below Water		<div><input type="checkbox"/></div> GOAL 15: Life on Land		<div><input type="checkbox"/></div> GOAL 16: Peace and Justice Strong Institutions		<div><input type="checkbox"/></div> GOAL 17: Partnerships to achieve the Goal			
Assessment Weights											
Student Activities (SA)		Midterm (MT)		Practical / Oral Exam (PE)			Final (FE)				
		<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam		<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam			
20%		10%		0%		20%		0%		60%	
Student Activities Breakdown (Distribution for Study Blocks)											
Seminar-based (SB)			Self-learning-based (SL)			Project-based (PB)			Industry-based (IB)		
10%			0%			10%			0%		

نموذج المواصفات الأساسية لمقرر الاستعاضة الكلينية 1

CRP 401		Clinical removable prosthodontics I		2 CH	
Prerequisites		PRP 301			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		90		Equivalent ECTS	
				4	
Course Content					
Diagnosis and patient assessment, Impression techniques for complete denture, Recording jaw relation of complete denture, Try in of complete denture, Delivery of complete denture, Occlusal disharmony, Complaints of complete denture, Denture Relining and rebasing, Duplication of complete denture					
Taught in Program(s): Bachelor's degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
20%	10%		10%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)	
10%		0%		10%	
				Industry-based (IB)	
				0%	



نموذج المواصفات الأساسية لمقرر الاستعاضة الأكلينيكية 2

D-CRP 402		Clinical Removable Prosthodontics II		2 CH	
Prerequisites		Preclinical Prosthetic Dentistry II (D-PRP 302)			
Number of weekly Contact Hours 4					
Lecture		Tutorial		Clinical	
1		0		3	
Required SWL		90	Equivalent ECTS		4
Course Content					
Introduction and diagnosis for RPD, Mouth preparation for RPD, Impression techniques for RPD, Class I Kennedy’s Classification, Class II Kennedy’s Classification, Class III and Class IV Kennedy’s Classification, Framework try-in and occlusal relationships for RPD, Try in and insertion of RPD, Complaints for RPD, Tissue Damage for RPD, Relining and Repair for RPD.					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<div><input type="checkbox"/></div> <div>GOAL 1: No Poverty</div>	<div><input type="checkbox"/></div> <div>GOAL 2: Zero Hunger</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 3: Good Health and Well-being</div>	<div><input type="checkbox"/></div> <div>GOAL 4: Quality Education</div>	<div><input type="checkbox"/></div> <div>GOAL 5: Gender Equality</div>	<div><input type="checkbox"/></div> <div>GOAL 6: Clean Water and Sanitation</div>
<div><input type="checkbox"/></div> <div>GOAL 7: Affordable and Clean Energy</div>	<div><input type="checkbox"/></div> <div>GOAL 8: Decent Work and Economic Growth</div>	<div><input type="checkbox"/></div> <div>GOAL 9: Industry, Innovation and Infrastructure</div>	<div><input type="checkbox"/></div> <div>GOAL 10: Reduced Inequality</div>	<div><input checked="" type="checkbox"/></div> <div>GOAL 11: Sustainable Cities and Communities</div>	<div><input type="checkbox"/></div> <div>GOAL 12: Responsible Consumption and Production</div>
<div><input type="checkbox"/></div> <div>GOAL 13: Climate Action</div>	<div><input type="checkbox"/></div> <div>GOAL 14: Life Below Water</div>	<div><input type="checkbox"/></div> <div>GOAL 15: Life on Land</div>	<div><input type="checkbox"/></div> <div>GOAL 16: Peace and Justice Strong Institutions</div>	<div><input type="checkbox"/></div> <div>GOAL 17: Partnerships to achieve the Goal</div>	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
10%	10%		20%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
5%		5%		0% 0%	



نموذج المواصفات الأساسية لمقرر الاستعاضة الأكلينيكية 2

D-CRP 402			Clinical Removable Prosthodontics II			2 CH			
Prerequisites		Preclinical Prosthetic Dentistry II (D-PRP 302)							
Number of weekly Contact Hours 4									
Lecture			Tutorial			Clinical			
1			0			3			
Required SWL		90		Equivalent ECTS			4		
Course Content									
Introduction and diagnosis for RPD, Mouth preparation for RPD, Impression techniques for RPD, Class I Kennedy’s Classification, Class II Kennedy’s Classification, Class III and Class IV Kennedy’s Classification, Framework try-in and occlusal relationships for RPD, Try in and insertion of RPD, Complaints for RPD, Tissue Damage for RPD, Relining and Repair for RPD.									
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery									
As major in Program(s) Code(s)									
Dental Program									
As minor in Program(s) Code(s)									
Targeted Sustainable Development Goals									
<input type="checkbox"/> GOAL 1: No Poverty		<input type="checkbox"/> GOAL 2: Zero Hunger		<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being		<input type="checkbox"/> GOAL 4: Quality Education		<input type="checkbox"/> GOAL 5: Gender Equality	
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy		<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth		<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure		<input type="checkbox"/> GOAL 10: Reduced Inequality		<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	
<input type="checkbox"/> GOAL 13: Climate Action		<input type="checkbox"/> GOAL 14: Life Below Water		<input type="checkbox"/> GOAL 15: Life on Land		<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions		<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
<input type="checkbox"/> GOAL 6: Clean Water and Sanitation		<input type="checkbox"/> GOAL 12: Responsible Consumption and Production							
Assessment Weights									
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)			Final (FE)			
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam		<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam		
10%	10%		20%		10%		0%		
								50%	
Student Activities Breakdown (Distribution for Study Blocks)									
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)			Industry-based (IB)		
5%		5%		0%			0%		



نموذج المواصفات الأساسية لمقرر الهندسة الوراثية والخلايا الجذعية

ELCT-1				2 CH		
Prerequisites		None				
Number of weekly Contact Hours						
Lecture						
1						
Required SWL		30		Assignment and projects 15		
Course Content						
Introduction to tissue engineering and stem cell. Basic information, Main components and clinical application in dentistry.						
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery						
As major in Program(s) Code(s)						
Dental Program						
As minor in Program(s) Code(s)						
Targeted Sustainable Development Goals						
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input checked="" type="checkbox"/> GOAL 4: Quality Education	<input checked="" type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation	
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input checked="" type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input checked="" type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input checked="" type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input checked="" type="checkbox"/> GOAL 12: Responsible Consumption and Production	
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input checked="" type="checkbox"/> GOAL 17: Partnerships to achieve the Goal		
Assessment Weights						
mid-term exam	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Student Activities	<input type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Final Exam
15%	5%		20%		0%	60%
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)
5 %		0%		0		0%

نموذج المواصفات الأساسية لمقرر الكيمياء الحيوية

B-BCHM 101		Biochemistry		2 CH	
Prerequisites		-----			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		Equivalent ECTS			
Course Content					
Introduction to oral diagnosis. Diagnostic Chart. Patient history. Clinical examination. Extra-oral examination. Intra-oral examination. Lymph nodes. Laboratory aids to diagnosis . Biopsy					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					



<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
20%	10%		10%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)		
10%	0%	10%	0%		

نموذج المواصفات الأساسية لمقرر امراض الجلدية

M-DER 301		Dermatology		2 CH	
Prerequisites		General pathology II			
Number of weekly Contact Hours					
Lecture		Tutorial		practical	
1		0		2	
Required SWL		Equivalent ECTS			
Course Content					
Introduction to Dermatology- Viral infections- Fungal infections- Sexually transmitted infections, HIV & Syphilis- oral ulcers- Autoimmune blistering diseases- Connective tissue diseases- Hypersensitivity reactions- Papulosquamous disorders.					
Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment <input checked="" type="checkbox"/> Exam
20%	10%		10%	10%	0% 50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)		Self-learning-based (SL)		Project-based (PB) Industry-based (IB)	
10%		0%		10% 0%	



نموذج المواصفات الأساسية لمقرر علم الأنسجة

B-HST 101		General histology		2 CH	
Prerequisites		-----			
Number of weekly Contact Hours					
Lecture		Tutorial		Practical	
2		0		2	
Required SWL		Equivalent ECTS			
Course Content					
Cytology (1)- Cytology (2)- Epithelium- Connective tissue (1)- Connective tissue + (2) Cartilage- bone- Muscle - Nervous -Blood + Vascular system -Lymphatic system					

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
20%	10%		10%	10%	0%	50%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
10%	0%	10%	0%

نموذج المواصفات الأساسية لمقرر علم الأدوية 2

B-PHA 202		Pharmacology II		2 CH
Prerequisites		Pharmacology I		
Number of weekly Contact Hours				
Lecture		Tutorial		Clinical
2		0		2
Required SWL		Equivalent ECTS		
Course Content				
Endocrine (Diabetes mellitus)-Endocrine (Adrenocortical hormones Ca metabolism)-Medical emergencies in dental practice -Chemotherapy 1 Introduction to chemotherapy -Beta lactam antibiotics, Aminoglycosides, Tetracyclines, Macrolides- Chemotherapy 2 -Lincosamines -Folate antagonists -Quinolones -Metronidazole-Use of systemic antibiotics in dentistry Antiviral & antifungal- Locally acting drugs- Dentifrices and mouthwash -vitamins and minerals-Treatment of Periodontal diseases- Anti-caries drugs-Drug induced oral disorders				



Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery						
As major in Program(s) Code(s)						
Dental Program						
As minor in Program(s) Code(s)						
Targeted Sustainable Development Goals						
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation	
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production	
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal		
Assessment Weights						
Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
20%	10%		10%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)		Self-learning-based (SL)		Industry-based (IB)		
10%		0%		0%		

نموذج المواصفات الأساسية لمقرر علم وظائف الأعضاء 1

B-PHS 101		General physiology I		2 CH	
Prerequisites		-----			
Number of weekly Contact Hours					
Lecture		Tutorial		Practical	
2		0		2	
Required SWL				Equivalent ECTS	
Course Content					
Introduction& Autonomic ganglia - Sympathetic 1&2-Parasympathetic -Chemical Transmission- Pain -pain control analgesia system- Introduction, Pituitary, Thyroid gland- Calcium Homeostasis- Suprarenal gland - Endocrine part of pancreas					

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery					
As major in Program(s) Code(s)					
Dental Program					
As minor in Program(s) Code(s)					
Targeted Sustainable Development Goals					
<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	
Assessment Weights					
Student	Midterm (MT)	Practical / Oral Exam (PE)	Final (FE)		



Activities (SA)	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
20%	10%		10%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)						
Seminar-based (SB)	Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)	
10%	0%		10%		0%	

نموذج المواصفات الأساسية لمقرر وظائف الاعضاء 2

B-PHS 102		General pgysiology II		2 CH
Prerequisites		General Physiology I		
Number of weekly Contact Hours				
Lecture		Tutorial		Practical
2		0		2
Required SWL		Equivalent ECTS		
Course Content				
Cardio 1 , 2 , 3 – endocrine 1, 2 , 3 – CNS 1, CNS 2- GIT 1, GIT 2				

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)	Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
20%	10%	10%	10%	0%	50%
Student Activities Breakdown (Distribution for Study Blocks)					
Seminar-based (SB)	Self-learning-based (SL)		Project-based (PB)		Industry-based (IB)
10%	0%		10%		0%



نموذج المواصفات الأساسية لمقرر مبادئ الذكاء الاصطناعي

ELCT-14		Principles of Artificial Intelligence		2 CH	
Prerequisites		-----			
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
2		0		2	
Required SWL		Equivalent ECTS			
Course Content					
<p>مقدمة عن تاريخ ومفاهيم الذكاء الاصطناعي - أنظمة المعرفة- مقدمة طرق البرمجة - الأساسيات النظرية والعملية في الذكاء الاصطناعي - تقنيات وقد رت الذكاء الاصطناعي في حل المشاكل - طرق التحليل وتقنيات البحث في الذكاء الاصطناعي - تطبيقات الذكاء الاصطناعي - مقدمة في لغة البرمجة - مواضيع مختارة في الذكاء الاصطناعي وفق التخصص العلمي</p> <p>AI in diagnosis of Dental decay and periodontal disease detection- oral cancer detection – AI in endodontics - AI-assisted orthodontic treatments planning - AI in Dentistry: Limitations (and how to overcome them)- Future of AI in dentistry</p>					

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)	Practical / Oral Exam (PE)	Final (FE)
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Practical Exam	<input type="checkbox"/> Assessment
	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Oral Exam	<input checked="" type="checkbox"/> Exam
20%	20%		0% 60%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
	20 %		0%

نموذج المواصفات الأساسية لمقرر طب الاسنان الرقمي

D-DD 502		Digital dentistry		2 CH	
Prerequisites	Clinical Restorative Dentistry III				
	Clinical Fixed Prosthodontics II				
	Clinical Removable Prosthetics III				
	Oral Radiology				
Number of weekly Contact Hours					
Lecture		Tutorial		Clinical	
1		0		-	
Required SWL				Equivalent ECTS	
Course Content					



Artificial Intelligence (AI) and Machine Learning - Predictive Analytics - Diagnostic and Treatment Planning
Workflow Efficiency- Patient Communication- Advanced Imaging Technologies- Augmented Reality (AR) in Dental Procedures - Enhanced Treatment Visualization and Planning- Advanced Training and Education- Improved Patient Engagement- Personalized Digital Orthodontics (Personalized digital orthodontics, Advanced 3D Imaging and Scanning, Customized Treatment Plans with CAD/CAM Technology, Digital Smile Design)- Teledentistry and Remote Monitoring- Increased Adoption and Expansion- Technological Advancements- Remote Monitoring

Taught in Program(s): Bachelor Degree of Oral and Dental Medicine and Surgery

As major in Program(s) Code(s)

Dental Program

As minor in Program(s) Code(s)

Targeted Sustainable Development Goals

<input type="checkbox"/> GOAL 1: No Poverty	<input type="checkbox"/> GOAL 2: Zero Hunger	<input checked="" type="checkbox"/> GOAL 3: Good Health and Well-being	<input type="checkbox"/> GOAL 4: Quality Education	<input type="checkbox"/> GOAL 5: Gender Equality	<input type="checkbox"/> GOAL 6: Clean Water and Sanitation
<input type="checkbox"/> GOAL 7: Affordable and Clean Energy	<input type="checkbox"/> GOAL 8: Decent Work and Economic Growth	<input type="checkbox"/> GOAL 9: Industry, Innovation and Infrastructure	<input type="checkbox"/> GOAL 10: Reduced Inequality	<input checked="" type="checkbox"/> GOAL 11: Sustainable Cities and Communities	<input type="checkbox"/> GOAL 12: Responsible Consumption and Production
<input type="checkbox"/> GOAL 13: Climate Action	<input type="checkbox"/> GOAL 14: Life Below Water	<input type="checkbox"/> GOAL 15: Life on Land	<input type="checkbox"/> GOAL 16: Peace and Justice Strong Institutions	<input type="checkbox"/> GOAL 17: Partnerships to achieve the Goal	

Assessment Weights

Student Activities (SA)	Midterm (MT)		Practical / Oral Exam (PE)		Final (FE)	
	<input checked="" type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam	<input checked="" type="checkbox"/> Practical Exam	<input checked="" type="checkbox"/> Oral Exam	<input type="checkbox"/> Assessment	<input checked="" type="checkbox"/> Exam
20%	20%		%	%	0%	60%

Student Activities Breakdown (Distribution for Study Blocks)

Seminar-based (SB)	Self-learning-based (SL)	Project-based (PB)	Industry-based (IB)
10%	10%	%	0%

توصيف المقررات



Courses Description

Human Dentition I

Dental anatomy is the base of the whole study programs. Students acquire knowledge of the classification of dental terminology, dental tissues, teeth groups and permanent teeth macro and micro anatomy. This course also concerns with dental chronology at different ages of development as well as detailed description of the permanent and deciduous anterior teeth, their pulp topography and functions. Upon completion, students should be able to carve permanent anterior teeth with proper occlusion, anatomy, and contour.

Human Dentition II

This course is designed to provide the students with appropriate foundation of knowledge covering the anatomical shape, chronology and function of human primary and permanent posterior teeth. Also, it affords the students with geometric outlines of all permanent teeth, physiologic tooth forms and principals of the occlusion of primary and permanent human dentitions. Upon completion, students should be able to carve permanent posterior teeth with proper occlusion, anatomy, and contour.

General Anatomy

The course helps students identify the different structures in the human body and their relation to each other along with their nerve and blood supply.

Special Anatomy

The course introduces students to the anatomical structures in the head and neck region with associated skeletal structure, muscles, nerve and blood supply.

General Histology

Students identify cell structure and its components in addition to structure of some tissues as well as principles of Genetics. This is a basis for understanding the structure of oral tissues in Oral Histology.

General Physiology I

This course helps students recognize the normal functions of the body's major systems. Digestive, cardiovascular, renal, pulmonary systems are discussed in addition to blood physiology.

General Physiology II

This course helps students recognize the normal functions of the body's major systems. Digestive, cardiovascular, renal, pulmonary systems are discussed in addition to blood physiology.

Biochemistry

Medical Biochemistry undergraduate course introduces the students to the concepts of normal body metabolism and metabolic basis of diseases. It allows the students to utilize basic biochemical knowledge and skills essential for the study and practice clinical sciences.

Dental Biomaterials

The course introduces students to basic structure and reactions of dental materials and different tests used to assess their physical and chemical properties. Moreover, the chemical composition, physical properties and manipulation of some restorative materials including amalgam, composites,

glass ionomers, cements in addition to types of impression materials including compound, alginate, plaster, rubber base and others.

Applied Dental Biomaterials I

The course gives the students introduction of impression materials and laboratory materials and techniques used in Dentistry.

Applied Dental Biomaterials II

This course offers perspective on advancements in nearly developed materials or improvements to those currently used in clinical dentistry, covers the principles of their properties, bioactivity, biocompatibility specially those used in conservative dentistry, removable and fixed prosthesis materials and preventive dentistry.

Oral Biology I

This course helps the candidates to understand the nature of oral cells and tissues in health. The course will provide insight into tooth development, tooth mineralized structures, pulp tissue, and periodontal ligament. Also describe the human craniofacial development. Upon completion, students should be able to diagnose all histological tooth structures, PDL and craniofacial development.

Oral Biology II

This course is designed to provide the students with information about development, histological structure, function and age changes of the alveolar bone, oral mucosa, salivary glands, maxillary sinus and temporo-mandibular joints. Also, to present comprehensive knowledge about shedding & eruption of teeth, their lymph drainage and development and growth of mandible and maxilla. Upon completion, students should be able to diagnose all histological structures of the subjects of that course.

General Pathology I

The course provides students with basic information in the field of pathology and discusses pathologic processes including inflammation, degeneration and carcinogenesis.

General Pathology II

The course provides students with basic information in the field of pathology and discusses pathologic processes including inflammation, degeneration and carcinogenesis.

General Microbiology

The course provides the students with information, knowledge and critical judgment appropriate for profession in microbiology also, to microorganisms that have a pathogenic role in different oral diseases including cariogenic bacteria and periodontal bacteria and discusses the different mechanisms the body uses to overcome their attacks and the mechanisms of the immune system. Moreover, the course helps students identify the immune mechanism used to defend dental caries, pulp and periapical diseases. This course handles details of the immune mechanism and the different immunoglobulins and their role in diseases. It also discusses the role of these pathogens in spreading infection and how this can be used to structure infection control programs in the dental setting.

Pharmacology I

Students become acquainted with the most common drugs used in dental practice, their mode of delivery, mode of action, side effects and dosage. The course also stresses drugs commonly used in

dentistry such as antibiotics, anti-inflammatory agents, analgesics, local anesthetic agents and mouth washes.

Pharmacology II

Students become acquainted with the most common drugs used in dental practice, their mode of delivery, mode of action, side effects and dosage. The course also stresses drugs commonly used in dentistry such as antibiotics, anti-inflammatory agents, analgesics, local anesthetic agents and mouth washes.

Oral Pathology I

To provide foundation of knowledge and skills necessary for detection of oral lesions and correlate clinical data and radiographic picture to reach a differential diagnosis.

Oral Pathology II

Providing knowledge and skills necessary for reaching a definitive diagnosis through the microscopic picture of oral lesions and head and neck tumors. Diseases of salivary glands, white lesions, red lesions, manifestations of syndromes are discussed.

Preclinical Restorative Dentistry I

To provide the foundation of knowledge necessary for identification and treatment of disease of dental caries. Students are taught how to apply cavity forms and cutting principles on acrylic or extracted teeth.

Preclinical Restorative Dentistry II

Students continue practicing on principles of tooth cutting and applying these principles on and acrylic models and natural teeth.

Clinical Restorative Dentistry

The course provides students with information regarding integration & application of skills & knowledge in areas of diagnosis, treatment planning and treatment of dental caries. Student start practicing operative dentistry in the clinic and use simple cases to train on with one surface cavities performed mostly.

Clinical Restorative Dentistry II

The course should provide students with information regarding integration & application of skills & knowledge in areas of diagnosis, treatment planning and treatment of dental caries in a clinical setting. Students practice on two surface cavities inserting amalgam and esthetic restorations.

Clinical Restorative Dentistry III

The course aims to strength skills and confidence their current clinical practice by incorporating of students to enhance the latest advances in technology ensuring aesthetics as well as biocompatible, functional and long-lasting restorative care.

Clinical Restorative Dentistry IV

Students are introduced to noninvasive techniques to restore teeth which may be needed in field conditions, fearful patients or in case of health care systems with limited resources. Examples include manual excavation and addition of adhesive fillings, chemo mechanical caries removal methods and preventive resin restorations.

Preclinical Fixed Prosthodontics I

It should provide the students with basic information in the technology of fixed prosthodontics for full and partial coverage of posterior teeth. Preclinical Fixed

Preclinical Fixed Prosthodontics II

Waxing and fabrication principles of crowns are explained, and students are required to submit a number of lab fabricated metal crowns to demonstrate their skills.

Preclinical Fixed Prosthodontics III

Students get information about fabrication of full and partial coverage of anterior teeth and students are required to submit several lab fabricated metal Bridges.

Clinical Fixed Prosthodontics I

The course should provide students with basic information and technical clinical skills in the field of Fixed Prosthodontics. Students are introduced to the different materials used to fabricate crowns, the use of adhesives, the cutting principles and the types of bridges available to substitute lost teeth.

Clinical Fixed Prosthodontics II

The course prepares the students to evaluate, plan a treatment in the field of fixed prosthodontics and to be able to restore missing teeth with FPD. Impression making, tissue management and designing FPD (simple three units) are practiced in clinical sessions.

Clinical Fixed Prosthodontics III

The course exhibit clinical diagnosis and oral healthcare for patients desiring esthetic treatment to successfully complete a smile analysis and a recommended treatment plan with the ideal treatment modalities for esthetic restorations to attain a maximum esthetic result.

Preclinical Removable Prosthodontics I

The primary goal of the course is to familiarize students with different materials necessary for the fabrication of complete and partial dentures. The course will stress on the laboratory steps required to fabricate and maintain complete dentures.

Preclinical Removable Prosthodontics II

The primary goal of the course is to familiarize students with different materials necessary for the fabrication of complete and partial dentures. The course will stress on the laboratory steps required to fabricate and maintain complete dentures.

Clinical Removable Prosthodontics I

The course will familiarize students with different materials necessary to fabricate a complete and partial denture stressing on the laboratory steps necessary to fabricate and maintain a partial denture. The course also handles the basic clinical steps necessary to manage patients with partial edentulism. Different designs of metallic partial dentures are discussed as well as acrylic dentures. Students practice clinical construction of partial dentures. They apply the basic science on clinical cases needing partial replacement of the teeth.

Clinical Removable Prosthodontics II

The course will familiarize students with different materials necessary to fabricate a complete and partial denture stressing on the laboratory steps necessary to fabricate and maintain a partial denture. The course also handles the basic clinical steps necessary to manage patients with partial edentulism. Different designs of metallic partial dentures are discussed as well as acrylic dentures. Students practice clinical construction of partial dentures. They apply the basic science on clinical cases needing partial replacement of the teeth.

Clinical Removable Prosthodontics III

Students are introduced to principles of prosthetic dentistry to replace facial structures lost due to trauma or tumors. They are presented with cases to familiarize them with the scope and wide applications of the discipline. Moreover, this course offers the skills that help students to manage several problems associated with completely edentulous patients as geriatrics, single dentures, implant prosthesis and occlusion disturbances

Clinical Removable Prosthodontics IV

Students are introduced to principles of prosthetic dentistry to replace facial structures lost due to trauma or tumors. They are presented with cases to familiarize them with the scope and wide applications of the discipline. Moreover, this course offers the skills that help students to manage several problems associated with completely edentulous patients as geriatrics, single dentures, implant prosthesis and occlusion disturbances

Stomatognathic Psychology and Occlusion

Students will gain necessary knowledge related to static and dynamic occlusion and the gnathological aspects of dental occlusion. Manifestations of and treatment of occlusion problems are discussed in a multidisciplinary method.

The department responsible for teaching this course is Fixed Prosthodontics department.

Oral Radiology

To provide the student with necessary knowledge and skills related to exposing, processing, interpreting and storing all types of extra and intra oral x-rays. Indications, contraindications and uses of each type are also discussed

General Surgery for dentistry

Students are introduced to the surgical techniques used to manage diseases and how to manage related complications. Surgical interventions for the head and neck region are discussed and pre and postoperative complications are discussed.

Ear, Nose and Throat

Students are given some information about problems of ENT and their relation to oral structures. They must have the ability to diagnose diseases which may threaten treatment outcomes, and which may expose the patient to emergency and know how to deal with them.

Ophthalmology

This course helps the students to study the anatomy and function of different parts of the eye, study relation between the ophthalmic work and dental work, and study the relationship between dental septic foci and ocular infections with emphasis on how to prevent and treat these infections.

General Internal Medicine for dentistry

Students are introduced to medical conditions that are likely to affect or interact with oral conditions and diseases. They are given information about their clinical manifestations, diagnostic investigations and treatment methods.

Dermatology

Provide the students with important knowledge of skin and mucosal diseases that have oral manifestation. They are given information about their clinical manifestation, diagnosis and treatment methods.



Oral Medicine I

Student will learn to act as primary care providers for patients with mucosal disease, provide opportunities for review and analysis of a wide range of oral disease and apply scientific principles to learning and patient care.

Oral Medicine II

The student in this course learnt to apply and predict the knowledge obtained for the appropriate diagnosis, prognosis and treatment of oral diseases. Oral manifestations of systemic diseases are discussed as well as relation between systemic and oral diseases.

Oral Diagnosis

To expand students' analytical skills relative to clinical signs and symptoms and adjunctive special investigations of oro-dental diseases and predict the knowledge obtained for appropriate diagnosis of oro-dental diseases. Students are taught how to formulate treatment plans using evidence.

Periodontology I

This course provides the student with knowledge that governs the principle of periodontal disease treatment and to review and analyze patients with periodontal disease. Periodontal charting and classification of periodontal diseases as well as steps to formulate treatment plan for the periodontal patients are discussed.

Periodontology II

The course will expand students' analytical skills relative to clinical signs and symptoms and treatment of periodontal diseases. Students are introduced to steps of developing a periodontal treatment plan with the indications of different types of treatment modalities. They are required to submit several cases with scaling, curettage and root planning.

Preclinical Endodontics I

The course provides students with basic information in the technology of endodontics, where students practice on single rooted anterior teeth fixed on acrylic mounts.

Preclinical Endodontics II

The course provides students with basic information in the technology of endodontics, where students practice on posterior teeth fixed on acrylic mounts.

Clinical Endodontics I

The course provides students with information regarding integration of skills & knowledge in areas of diagnosis, treatment planning and treatment of endodontic cases. They are required to demonstrate proficiency in filling root canals of single rooted teeth.

Clinical Endodontics II

The course provides students with information regarding integration and application skills & knowledge in areas of diagnosis, treatment planning of endodontic cases, Endodontic Surgery procedures and endodontic periodontal diseases. Students train on multirouted posterior teeth with several clinical cases required.

Orthodontics I, II

The course provides students with appropriate knowledge of craniofacial growth and development of dentition, classification and etiology of malocclusion. Laboratory skills in wire bending exercises



are undertaken. Also, enable students to perform an initial orthodontic diagnosis and make appropriated referrals based on the case assessment making simple treatment planning.

Oral and Maxillofacial Surgery I

The course teaches the students different techniques of local anesthesia and be able to make the necessary judgment to perform local anesthesia and exodontias and deal with the expected complications together with basic information and skills to assess the dentition and tissues of the oral cavity, have practical skills, personal attributes and competencies that is required for oral surgery position in the international dentistry.

Oral and Maxillofacial Surgery II

Students will deal with medically compromised patients, management of Impacted teeth and patients with deformities and clefts as well as pre prosthetic surgery. They can extract minor cases for clinical practice

Oral and Maxillofacial Surgery III

This course provides students with an appropriate foundation of knowledge covering oral, Maxillofacial Surgery emergencies, common diseases, lesions in oral, Maxillofacial region in children and adults.

Oral and Maxillofacial Surgery IV

Students become able to recognize and diagnose facial trauma and perform primary management for the case. Student will deal TMJ involvement, fractures and complications of oral surgery.

Preclinical Pediatric Dentistry

The course familiarizes students with the enough knowledge of pediatric dental concepts, problems of primary & mixed dentitions and to be able to carry out the preventive and space managing appliances and interceptive orthodontic measures. It provides student the ability to initiate clinical examination, diagnosis and treatment planning for pediatric patient.

Clinical Pediatric Dentistry

This course guides the students through a cascade of clinical skills that enable them to examine, diagnose and manage oral problems in children. The course introduces students to the principles of pediatric dentistry, oral diseases of children and highlighting major differences between restorative procedures for children and adults.

Oral health and Preventive Dentistry I

On completion of this course, students will be able to synthesis the acquired knowledge to the long-term monitoring and prevention of dental caries following effective infection control measures. Furthermore, this course will provide students with analytical skills regarding to identifying risk factors of dental caries and listing appropriate preventive strategies.

Oral health and Preventive Dentistry II

The fundamental purpose of this course is to provide candidates with appropriate foundation of skills required to diagnose, identify risk factors for oral diseases. Additionally, this course discusses the principles of forensic dentistry and introduce the recent clinical approaches in preventive dentistry.

Principles of Implantology



Students will learn the basic principles of dental implants and their use in dentistry. They are introduced into the different types of implants, their indications and contraindications, surgical and prosthetic phases as well as maintenance of inserted implants.

The share departments for teaching this course are Fixed Prosthodontics, Prosthetic Dentistry, Oral and Maxillofacial surgery and Oral Medicine, Periodontology, Oral diagnosis and Oral radiology

The coordinator department is Oral and Maxillofacial surgery

Clinical comprehensive cases

This course, senior students acquire the knowledge, skills, and a wider horizon to make a comprehensive treatment plan for any patient with vision, confidence, and skill. Also, this program is contributing in community service for all the disadvantaged patients mainly those who are unable to pay.

The share departments for teaching this course are Restorative, Endodontics, Fixed Prosthodontics, Prosthetic Dentistry, Oral and Maxillofacial surgery and Oral Medicine, Periodontology, Oral diagnosis and Oral radiology

The coordinator department for this course is Oral Medicine, Periodontology, Oral diagnosis and Oral radiology department.

Digital Dentistry

This course is designed for qualified dentists to pursue advanced didactic education and clinical experience in the field of digital and CAD/CAM technology for comprehensive dental treatment. That includes didactic and laboratory experiences that incorporate digital diagnostic and treatment planning techniques to provide comprehensive clinical treatment.

The department responsible for teaching this course is Fixed Prosthodontics department.

English I

The course should provide students the ability of learning technical terms, phrases, reading comprehension, vocabulary study, writing practice and oral communication.

English II

The course should provide students the ability of speaking English language, listening and be able to communicate all over the world since English language is used worldwide.

Social issues

The course provides students with basic information about most popular social issues which may include human rights law, the principal elements of these rights, how they apply to citizens and especially to the patients.

Information technology (IT)

This course informed the students about the use of any computers, storage, networking and other physical devices, infrastructure and processes to create, process, store, secure and exchange all forms of electronic data. Typically, IT is used in the context of business operations, as opposed to technology used for personal or career purposes.

Professional Ethics

This course introduces students to ethical thinking, theory and debate. It helps them to offer reasoned arguments for and against their plausibility.

Entrepreneurship



This course described as the process of designing, launching and running a new business , generally entailing risk beyond what is normally encountered in starting a business, which may include other values than simply economic ones

Quality Culture:

The course aim at developing a holistic understanding of quality which reveals the current debates about accreditation or quality process standards as insufficient and proposes an enhanced model for quality culture in educational or ganisations

Stem cells and Tissue Engineering

This course informs students about the developments in Stem cell technology related to oral management and the students are introduced to principles of Tissue Engineering with a focus on applications in dentistry to replace lost tissue especially alveolar bone. Types of scaffolds and materials used are also discussed.

The department for teaching this course is Oral Biology

Medical emergency in dental practices and Cardio Pulmonary Resuscitation

This course informs the dental students about how to recognize several life-threatening illnesses and injuries emergencies,

Management and Leadership Skills

The students are utilized attaining and succession planning tool to help build leaders who better meet the needs of organization. The course is important for students for both personal and professional development.

Infection Control

Students are informed about the methods of infection spread and the basics of infection control in all dental fields.

Medical Psychology

Students are introduced to methods and principles of managing normal, anxious and phobic adult and pediatric patients. Different psychological and pharmacologic management techniques are explained and the indications for each discussed.

Herbal Medicine

Students are studying the pharmacognosy, composition, and the use of medicinal plants, which are a basis of traditional medicine.

Laser in Dentistry

This course aims to promote the innovative technology on using lasers in the field of Dentistry. It physics, laser-tissue interaction and laser safety.

The share departments for teaching this course are Restorative, Fixed Prosthodontics, Endodontics and Oral Medicine, Periodontology, Oral diagnosis and Oral radiology

The coordinator department is Oral Medicine, Periodontology, Oral diagnosis and Oral radiology department.

General Risk and Crisis Management

This course is designed to help students to assess both his company's preparedness as well as his responsibility to manage risk. It helps the students overcome this event that threaten to harm the organization or general public.

Dental Terminology



This course provides the descriptive terms developed and updated for reporting dental services and procedures to dental benefits plans. Many terms are familiar, especially to experienced individuals. New dentists and staff, however, may not be as familiar – and over time new terms come into use and old terms are revised for clarity.

The share departments for teaching this course are Dental Bio-materials and Oral Biology

The coordinator department is Dental Bio-Materials

Marketing Skills

The course gives students an appreciation of what is required to succeed in a role that requires good sales and marketing skills. Students learn how to use proven sales and marketing techniques and apply them to their organization.

Scientific Thinking

This course refers to both thinking about the content of science and the set of reasoning processes that permeate the field of science: induction, deduction, experimental design, causal reasoning, concept formation, hypothesis testing, and so on

Special Care Dentistry

The course will provide an overview of Special Care Dentistry with the improvement of the oral health of individuals and groups in society who have a physical, sensory, intellectual, mental, medical, emotional or social impairment or disability or, more often, a combination of these factors. The share departments for teaching this course are Restorative, Fixed Prosthodontics, Endodontics, Prosthetic Dentistry, Oral and Maxillofacial surgery, Pediatric Dentistry, Oral Health and Preventive Dentistry and Oral Medicine, Periodontology, Oral diagnosis and Oral radiology. Pediatric Dentistry, Oral Health, and Preventive Dentistry

