SU ARISH SINAI UNIVERSITY

FACULTY OF DENTISTRY SU

Program Specification of Bachelor Degree

2022-2023

QAU QUALITY ASSURANCE UNIT Faculty of Dentistry

Program Specification

I- Basic Information

1. Program Title:	Bachelor Degree of Science in Oral and Dental Medicine and Surgery.
2. Award/degree:	BDS
3. Department(s) responsible:	• **For Dental Courses** - Oral Biology and Pathology - Prosthodontics - Restorative Dentistry - Oral and Maxillofacial Surgery - Orthodontics and Dentofacial Orthopedics - Pediatric Dentistry - Oral Medicine, Periodontics, Diagnostic Sciences and Oral Maxillofacial Radiology - Dental Biomaterials • **Courses taught at Department of General Science Sinai Univesity** - Chemistry - Physics - Bioscience • **Courses taught at Department of Supplementray Medicine Science, Sinai University** - Biochemistry - Physiology - General Histology -Human Anatomy - General Pathology – Pharmacology - Microbiology and Immunology - Internal Medicine - General Surgery • **University Obligatory Courses:** - English Language - Introduction to Computer Science - Scientific Thinking- Sinai History - Human Rights - Dental Ethics • **Elective Courses** - Introduction to Psychology - Introduction to Business Administration - Introduction to Sociology
Coordinator:	**Prof. Mohamed El-Yasky**
Internal evaluator	**Prof. Nagwa Ghoname , Prof. Abeer Gawish**
External evaluator(s):	**Prof. Hoda El Shorbagy - Prof. Eman El Shorbagy- Prof. Ahmed Rashad**
Date of most recent approval of program specification by the Faculty Council:	**25-09-2022**

II- Professional Information

1. Program aims:

1. Provide the necessary knowledge, skills, and experience to graduate as a dental practitioner capable of maintaining the oral and dental health of the patients.
2. Build the foundation of scientific knowledge on which clinical practice is based in safe environments.
3. Practice different treatment modalities in the dental field within the scope of general dentistry with proper referral whenever needed.
4. Motivate the students for life-long learning and continuous education using related technologies.
5. Acquire appropriate skills for communicating with colleagues and patients and responding to their socio-economic aspects.
6. Utilize advances in knowledge and techniques in dentistry.
7. Appreciate the ethical and legal basis for the dental practice.

2. Intended learning outcomes (ILOs) for program:

2. A. Knowledge and understanding:

By the end of this program, each student should be able to:

A1. Discuss the concepts, principles, and different parameters of basic sciences that are related to the clinical aspects of dentistry.

A2. Describe the fundamentals of dental biomaterials including their handling, limitations, and their use as well as the laboratory equipment necessary used in conservative and prosthodontics dental practice.

A3. Recognize academic English, scientific terminology, and basic principles of computer skills required for successful and effective engagement in the undergraduate academic community.

A4. Explain the pharmacological properties of drugs used in dental practice including their interactions and side effects which imply safe prescription of the appropriate drug by the dentist.

A5. Recognize types of cells, tissues, organs, and systems with fundamentals of gene expression relevant to the practice of dentistry.

A6. Discuss the biomedical basis of human growth as well as anatomy, functions of the head and neck, oral cavity, dentitions, and occlusion as an integral part of general health and diseases.

A7. Recognize the functions of different body organs and systems, normal hemostasis, and the mechanism of response to insults including trauma and diseases.

A8. Identify microbiological, immunological, pathological, and epidemiological aspects of diseases affecting the body, oral and maxillofacial region.

A9. Define complex interactions between oral health, nutrition, general health, drugs, and diseases with their impacts on dental care.

A10. Describe the pathogenesis of infection, inflammation, disorders of the immune system, degeneration, neoplasia, metabolic disturbances.

A11. Identify sources of infection and the principles of sterilization, disinfection, and antisepsis to prevent cross-infection in clinical practice.

A12. Identify the basics of clinical examination, the establishment of a comprehensive patient's dental and medical history with the methods of data collection.

A13. List the different types of radiography used in dentistry that aid in the diagnosis, treatment planning, and management of patients.

A14. Describe the etiology and management of oro-facial pain and medical emergencies.

A15. Describe different classifications of maxillofacial deformities and defects with their diagnosis and their management.

A16. Determine the types, methods of induction and prevention, management of potential complications related to sedation, local and general anesthesia.

A17. Determine the principles of preventive, interceptive, and corrective orthodontic treatment and the proper time of consultation of an orthodontist.

A18. Discuss principles of health promotion, health education, and different methods of prevention related to dental diseases.

A19. Discuss different diseases affecting dental, gingival, and periodontal structures, factors contributing to their progress, and management.

A20. Identify main medical disorders that may affect dental treatment within the scope of general medicine and surgery.

A21. Recognize the basic principles of exodontia, oral and maxillofacial surgical procedures.

A22. Recognize restoration of diseased teeth with advanced concepts in endodontic and restorative dentistry.

A23. Define basic principles in the management of pulpal, periodontal disease, trauma, and treatment of failures.

A24. Identify the design and materials used in the fabrication of removable partial and complete dentures, along with the recognition of laboratory procedures and the problems encountered in clinical and laboratory work.

A25. Describe the types, classifications, biocompatibility of different functional and aesthetic fixed dental prostheses and overdentures.

A26. Recognize evidence based, the political model of decision-making, recent communication modalities, and critical thinking in dental practice.

A27. Identify human rights, its sources, types, and legislative methods to protect it as well as ethical and medico-legal principles which are related to dental practice.

A28. Recognize the principles of implant and laser in dentistry.

A29. Recognize social, psychological, and communicational issues relevant to dental care to enhance direct personal contact with others.

2.B. Intellectual skills:

B1. Correlate basic science with fundamental medical and dental sciences to identify the clinical features of different diseases.

B2. Categorize the potential patient's clinical problems based on the collected data to reach a proper diagnosis that is aligned with the current evidence.

B3. Formulate an appropriate, sequenced, and prioritized treatment plan which is suitable for all patients especially patients with special needs.

B4. Correlate the physiology of different body systems, the way of its regulation, and its alteration to different diseases.

B5. Distinguish the psychological impacts of anxiety or apprehension on patients, particularly among children, in order to apply the appropriate behavior management techniques.

B6. Analyze the problems which are incorporated with the growth and development of children and adolescents for effective treatment.

B7. Evaluate the effects of medications on dental management.

B8. Differentiate between the normal and abnormal cells and tissues which are of particular importance to the practice of dentistry.

B9. Analyze the causes of failure and problems of dental prostheses and previously treated teeth and propose suitable management.

B10. Assess patient risk for caries, gingival and periodontal diseases and implement their prevention strategies.

B11. Organize the laboratory procedures used in the fabrication of removable and fixed prosthetic appliances.

B12. Distinguish the origins of dental pain, the applied techniques in managing, and the appropriate therapeutic and antimicrobial agents during patient management.

B13. Correlate clinical, radiographic, and histopathologic features of the diseases.

B14. Select the proper dental materials and equipments used in the different prostheses, restorative and surgical procedures.

2.C. Professional and practical skills:

C1. Schedule the history of the present complaint, medical and dental history of the patient including assessment of vital signs.

C2. Request appropriate investigations & radiographs relevant to dental practice and other diagnostic procedures to develop a comprehensive treatment plan.

C3. Apply complete clinical dental and soft tissue examination to determine factors contributing to disease progress and its treatment with a satisfactory level of ethical manner.

C4. Practice laboratory procedures related to chemistry, physics, and dental materials using the proper equipment.

C5. Illustrate the normal structure of human body cells, organs, and systems, and biochemistry of body fluids to discover any disorders.

C6. Illustrate the normal and abnormal histopathological features of teeth, oral tissues, and different tissue of the human body under the light microscope.

C7. Apply current infection control guidelines for a proper effective and safe environment.

C8. Illustrate oral & maxillofacial diseases, disorder, and pathological conditions, as well as etiological and/or risk factors that may contribute to the disease process.

C9. Manage acute oral infections, including patient referral and prescription of appropriate drugs.

C10. Perform preclinical and laboratory procedures required in different dental fields using proper equipment and materials.

C11. Apply fundamental knowledge of functional occlusion in health and disease to manage the etiological factors associated with the disordered occlusion.

C12. Perform different procedures in restorative dentistry, and endodontic treatment to restore teeth to form, function and esthetics with proper materials to perform acceptable restorations.

C13. Choose the preventive and interceptive measures indicated in the management of occlusal and dentofacial problems during the mixed dentition period.

C14. Apply different behavioral modification methods for anxious children's patients in the dental practice.

C15. Manage completely and partially edentulous patients with proper prostheses to fulfill their esthetic and functional needs.

C16. Apply educational and preventive measures for different age groups.

C17. Perform restoration and pulp therapy for children.

C18. Apply local anesthesia to control pain and manage patient anxiety and apprehension during restorative and surgical procedures.

C19. Practice teeth extraction and removal of roots when necessary, as well as dealing with expected complications during surgical procedures.

C20. Manage dental and medical emergencies which may occur in dental practice.

C21. Manage different oral mucosal lesions, gingival and periodontal diseases affecting the supporting structures of the teeth, and the monitoring of the prognosis and effect of appropriate pharmaceutical agents.

2.D. General and transferable skills:

D1. Collaborate with other dental members in a team.

D2. Apply efficient flexible communication skills with different multiple cultures verbally and in writing.

D3. Express professional responsibility toward individuals, families, and groups in the community.

D4. Display appropriate professional behavior.

D5. Use the information technology for communication, management of information related to health care.

D6. Use resources to ensure professional, development and lifelong learning.

D7. Illustrate the concept of quality assurance in dental practice.

D8. Establish priorities to accomplish stress management for proper performance.

D9. Improve students' English language and creative skills.

D10. Demonstrate the ethical and legal bases for maintaining patient confidentiality.

2. E. Attributes of the Graduates:

E1. Practice different treatment modalities in the dental field within the scope of general dentistry.

E2. Demonstrate proper diagnosis and manage different dental problems and maintain patients' records in complete and accurate form.

E3. Demonstrate ethical relationships with staff, patients, and colleagues.
E4. Acquire the knowledge and the various skills necessary to provide primary health care to different socio-economic populations.
E5. Deliver care to patients with self-confidence and communicate effectively with their patients and also with their colleagues
E6. Commit to lifelong learning in different dental disciplines.
E7. Utilize the recent advances in dental technologies.
E8. Identify medico-legal aspects of the dental practice.
E9. Apply infection control and safety measures in the dental environment to prevent cross-infection.
E10. Integrate evidence based dentistry into practice
E11. Realize the limitation of their current knowledge and clinical abilities and the need for proper referral of the patient whenever needed.

3. ***Curriculum Structure and Contents:***

3.a Program Duration: five levels, ten semesters/two semesters each year

3.b Program Structure:

Faculty Requirements: 174 CH (92.06%)

University Requirements: 11 CH (5.82%)

Elective courses: 4 CH (2.11%)

Total credit hours:189		
Credit hours of basic sciences courses	64 CH	33.8 %
Credit hours of medical and dental courses	110 CH	58.2 %
Credit hours of complementary courses	15 CH	7.9 %

4. ***Academic Standards:***

A National Academic Reference Standards (NARS): for dentistry undergraduates offered by the National Authority for Quality Assurance and Accreditation for Education (NAQAAE) 2009 and adopted by the Faculty in **9/4/2011** and readopted in **29/12/2018.**

5. ***Program admission requirements:***

- ✓ Sinai University complies with the Egyptian Supreme Council of universities and the Private University Council of the Ministry of Higher Education.
- ✓ Registration to the Faculty of Dentistry requires the student to have the General Egyptian Secondary Education Certificate or equivalent certificates or degrees approved by the Egyptian ministry of higher education with qualifying grades according to the guidelines put annually by the Ministry of higher education.
- ✓ The faculty from which the student is to be transferred should be accredited by the Egyptian Supreme Council of Universities.
- ✓ Transfer students from other Egyptian or foreign universities must fulfill all Sinai University Faculty of Dentistry admission requirements. The transferred student must study at least 60% of the syllabus of the Sinai Faculty of Dentistry program.
- ✓ Graduates from the Faculty of Medicine are admitted on a space-available basis within two years from graduation at least.
- ✓ Graduates from the Faculties Pharmacy, Science and other faculties are admitted on a space-available basis in the first year and considered as a new student.
- ✓ Course completed at another faculty are evaluated for equivalency to Sinai University Faculty of Dentistry.

6. ***Regulations for progression and program completion:***

- ✓ At the beginning of each semester, students select the courses from the list of the offered courses. The selection of courses for any given year is conditional on the successful completion of the prerequisite courses of the preceding academic year. Students are allowed to add or drop a course or more during a specified time every semester.
- ✓ The academic load in each semester ranges from 12 to 20 credit hours. The academic load in the summer semester is not more than 9 credit hours. Credits acquired by the student are those of passed courses from the registered academic load.
- ✓ Students are allowed to add or drop a course or more during a specified time every semester. The course will carry a grade of "W" and students will be allowed to retake the course when available. Students who withdraw after the deadline will not be allowed to sit for the relevant exam and will carry a grade of "F" for that course.
- ✓ Students are expected to attend the university on a full-time basis during each semester. Students must attend at least 75% of the lectures, tutorials, and practical labs. If absence in a course exceeds the allowed percentage (25%) during the first ten weeks of the semester (either excused or unexcused), the student will not be allowed to sit for the exam of the relevant subject and will carry a grade of "F".

- ✓ English is the official language of instruction; all communication, lectures, coursework, and documentation are performed using the English language. Some courses can be thought in Arabic on the recommendation of the relevant department and the agreement of the faculty and university council.
- ✓ According to University Council approval and Faculty Council approval on 15/9 /2020 blended learning and evaluation were adopted.

7. ***Assessment & Grading Scheme:***

- ✓ The assessment measures the outcome of students' learning in terms of knowledge acquired, understanding developed, and skills gained. Each course is assessed individually upon its completion. Methods of assessment include written, oral and practical examinations, research papers, course assignments, and practical work.
- ✓ Students who fail to achieve 30% of the marks in the final exam and 60% of the total marks of the course will be failed (F).
- ✓ Twenty marks are devoted to the dermatology & venereal diseases and ophthalmology & ENT courses. Their examinations are held as written examinations only in conjunction with the General Medicine and General Surgery exams respectively.

7.A. Distribution of the Grades.

Course title	Semester work	Practical / Clinical	Final written	Oral exam	Total marks
Course has written, clinical / practical and oral exam.	30	30	30	10	100
Course has written, clinical / practical **without** an oral exam	30	20	50	-	100
Theoretical courses, no clinical/practical oral exam.	50	-	50	-	50

7.B. Grading Scheme:

- Grades are a measure of the performance of a student in an individual course.

Grade	Definition	Percentage (%)	Points
A^+	Excellent	95-100%	4
A		90-94.99%	4
A-		85 – 89.99%	3.7
B+	Very Good	80 - 84.99%	3.3
B		75 – 79.99%	3
C+	Good	70 - 74.99%	2.7
C		65 – 69.99%	2.4
D	Satisfactory	60 – 64.99%	2
F	Fail	<60%	0

- The grade point average (GPA) is calculated by multiplying the grade value (Points) by the number of credit hours the course represents, the result is called quality points. The total quality points are then divided by the total undertaken credit hours. Repeated courses will be counted once toward the calculation of accumulated credit hours. The best achieved GPA will be used for calculating GPA.

- The cumulative GPA (CGPA) is a calculation of average of all student's grades for all semesters and courses completed up to a given academic term where GPA may only refer to one term.

- The following table shows the grades not included in the Grade Point Average (GPA):

Grade	Description
I	Incomplete
NC	Non Credit
W	Withdrawal
AHRS	Attempt Hours
EHRS	Earned Hours
RH	Required Hours
TPTS	Total Points
GPA	Grade Points Average

- Students may apply for a leave of absence of two consecutive semesters or for a total of three non-consecutive semesters.

- Once a student's cumulative GPA falls below “2”, he/she is placed under academic probation and a warning is given to him. If the student couldn’t raise his GPA in the following semester, a second warning is given. A student who fails to maintain a minimum cumulative GPA of “2” for four consecutive semesters or for a total of six semesters will be dismissed from the faculty.

8. ***Internship Training:***

- ✓ Internship year of rotational training is required to practice dentistry.
- ✓ All interns are divided into groups; each group must spend 3 months at the Faculty of Dentistry, Sinai University, and the other 9 months at hospitals of the Ministry of Health and/or other universities.
- ✓ International students must spend at least 3 months at the Faculty of Dentistry Sinai University 6 months at hospitals of the Ministry of Health and/or other universities.

9. ***Students' assessment:***

No	Method	Learning target output
1	Quizzes	Knowledge and Intellectual skills
2	Assignment (Research, Posters, Presentations)	Knowledge , Intellectual skills and General transferable skills
3	Self-learning through E-Learning and problem solving	Knowledge, Intellectual & General transferable skills
4	Case-Based Discussion CPD	Professional and practical skills Intellectual & General transferable skills
5	Objective Structured Practical Exam OSPE	Professional and practical skills
6	Objective Structured Clinical Exam OSCE	Professional and practical skills
7	Clinical exam in labs (Dummy heads / Simulator)	Professional and practical skills
8	Clinical exam on patients in clinic	Professional and practical skills and General transferable skills
9	Oral exam	Knowledge, Intellectual & General transferable skills
10	Written exam (MCQ, Short Essay Questions, Problem Solving questions)	Knowledge and Intellectual skills

10. *Evaluation of program intended learning outcomes:*

Evaluator	Tool	Sample
1. Senior students	Questionnaire	**Random sample**
2. Stakeholders (Employers)	Interview	**11**
3. External Evaluator(s)	Reports	**2**
4. Other (Internal Evaluators)	**Reports**	**2**

Questionnaire for feedback from students assessed courses, lectures demonstrators, and lecturers have collected annually and evaluated to be considered in the action plane for next year.

Program Courses
Level 1

Semester (1)

Course code	Course Title	L	P/T	Total Hrs.	Credit hrs
DES 1101	Inorganic and Physical Chemistry	1	2	3	**2**
DES 1102	Physics (1)	1	2	3	**2**
DEM 1103	General histology	1	2	3	**2**
DES 1103	Bioscience (1)	2	2	4	**3**
DEH 1101	Dental Anatomy and Oral Physiology (1)	2	2	4	**3**
SSE 01	English language (1)	2	-	2	**2**
SSG 03	Sinai History	2	-	2	**2**
SSG 01	Scientific Thinking	2		2	**2**
Total					**18**

L= lecture, P/T= practical/tutorial

Semester (2)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DES 1201	Organic Chemistry	1	2	3	**2**
DES 1202	Physics (2)	1	2	3	**2**
DES 1203	Bioscience (2)	2	2	4	**3**
DEH 1201	Dental Anatomy and Oral Physiology (2)	2	2	4	**3**
SSE 02	English language(2)	2	-	2	**2**
ENC 01	Introduction to Computer Science	1	2	3	**2**
SSG 02	Human Rights	1	-	1	**1**
Total					**15**

L= lecture, P/T= practical/tutorial

Level 2

Semester (1)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DEM 2101	Biochemistry (1)	1	2	3	**2**
DEM 2104	Human Anatomy (1)	1	2	3	**2**
DEM 2102	Physiology (1)	1	2	3	**2**
DEM 2107	Microbiology and Immunology (1)	1	2	3	**2**
DEB 2101	Dental Biomaterials(1)	2	2	4	**3**
DEH 2102	Oral Biology (1)	2	2	4	**3**
DEM 2105	General Pathology (1)	1	2	3	**2**
DED 2103	Dental Ethics	1	-	1	**1**
Total					**17**

L= lecture, P/T= practical/tutorial

Semester (2)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DEM 2201	Biochemistry (2)	1	2	3	**2**
DEM 2204	Human Anatomy (2)	2	2	4	**3**
DEM 2202	Physiology (2)	1	2	3	**2**
DEM 2207	Microbiology and Immunology (2)	1	2	3	**2**
DEB 2202	Dental Biomaterials(2)	2	2	4	**3**
DEH 2202	Oral Biology (2)	2	2	4	**3**
DEM 2205	General Pathology (2)	1	2	3	**2**
Total					**17**

L= lecture, P/T= practical/tutori

Level 3

Semester (1)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DER 3101	Technology of Operative Dentistry (1)	1	4	5	**3**
DEP 3101	Technology of Removable Prosthodontics (1)	1	4	5	**3**
DEP 3102	Technology of Fixed Prosthodontics (1)	1	4	5	**3**
DEM 3106	Pharmacology (1)	1	2	3	**2**
DEH 3103	Oral Pathology (1)	2	2	4	**3**
SSG E02	Introduction to Psychology	2	-	2	**2**
Total					**16**

L= lecture, P/T= practical/tutorial

Semester (2)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DER 3201	Technology of Operative Dentistry (2)	1	4	5	**3**
DEP 3201	Technology of Removable Prosthodontics (2)	1	4	5	**3**
DEP 3202	Technology of Fixed Prosthodontics (2)	1	4	5	**3**
DEM 3206	Pharmacology (2)	1	2	3	**2**
DEH 3203	Oral Pathology (2)	2	2	4	**3**
BAD E02	Introduction to Business Administration	2	-	2	**2**
Total					**16**

L= lecture, P/T= practical/tutorial

Level 4

Semester (1)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DER 4102	Technology of Endodontics (1)	1	2	3	**2**
DEM 4108	Internal Medicine (1)	2	2	4	**3**
DER 4101	Clinical Operative Dentistry (1)	1	2	3	**2**
DEP 4101	Clinical Removable Prosthodontics (1)	1	2	3	**2**
DEP 4102	Clinical Fixed Prosthodontics (1)	1	2	3	**2**
DEO 4101	Oral & Maxillofacial Surgery (1)	1	2	3	**2**
DED 4101	Oral Medicine & Periodontics (1)	2	2	4	**3**
DED 4102	Diagnostic Sciences&Oral Maxillofacial Radiology (1)	2	2	4	**3**
DET 4101	Orthodontics &Dentofacial Orthopedics (1)	1	2	3	**2**
DEM 4109	General Surgery (1)	2	2	4	**3**
Total					**24**

Semester (2)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DER 4202	Technology of Endodontics (2)	1	2	3	**2**
DEM 4208	Internal Medicine (2)	2	2	4	**3**
DER 4201	Clinical Operative Dentistry (2)	1	2	3	**2**
DEP 4201	Clinical Removable Prosthodontics (2)	1	2	3	**2**
DEP 4202	Clinical Fixed Prosthodontics (2)	1	2	3	**2**
DEO 4201	Oral & Maxillofacial Surgery (2)	1	2	3	**2**
DED 4201	Oral Medicine & Periodontics (2)	2	2	4	**3**
DED 4202	Diagnostic Sciences&Oral Maxillofacial Radiology (2)	2	2	4	**3**
DET 4201	Orthodontics &Dentofacial Orthopedics (2)	1	2	3	**2**
DEM 4209	General Surgery (2)	2	2	4	**3**
Total					**24**

*L= lecture, P/T= practical/tutorial

Level 5

Semester(1)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DER 5101	Clinical Operative Dentistry (3)	1	4	5	**3**
DER 5102	Clinical Endodontics (1)	1	2	3	**2**
DEP 5101	Clinical Removable Prosthodontics (3)	1	4	5	**3**
DEP 5102	Clinical Fixed Prosthodontics (3)	1	4	5	**3**
DEO 5101	Oral & Maxillofacial Surgery (3)	2	2	4	**3**
DED 5101	Oral Medicine & Periodontics (3)	2	2	4	**3**
DEE 5101	Pediatric Dentistry, Public Health & Community Dentistry (1)	2	2	4	**3**
DED 5104	Laser Application	1	-	1	**1**
Total					**21**

*L= lecture, P/T= practical/tutorial

Semester (2)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
DER 5201	Clinical Operative Dentistry (4)	1	4	5	**3**
DER 5202	Clinical Endodontics (2)	1	2	3	**2**
DEP 5201	Clinical Removable Prosthodontics (4)	1	4	5	**3**
DEP 5202	Clinical Fixed Prosthodontics (4)	1	4	5	**3**
DEO 5201	Oral & Maxillofacial Surgery (4)	2	2	4	**3**
DED 5201	Oral Medicine & Periodontics (4)	2	2	4	**3**
DEE 5201	Pediatric Dentistry, Public Health & Community Dentistry (2)	2	2	4	**3**
DEO 5203	Surgical & Prosthetic Implantology	1	-	1	**1**
Total					**21**

*L= lecture, P/T= practical/tutorial

Educational Requirements:

University Requirements

-Compulsory Courses (11 credit hours)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
SSG 01	Scientific Thinking	2	-	2	**2**
SSE 01	English Language	2	-	2	**2**
DED 2103	Dental Ethics	2	-	2	**2**
SSG 02	Human rights	1	-	1	**1**
SSG 03	Sinai History	2	-	2	**2**
ENC 01	Introduction to Computer Science	1	2	1	**2**
Total					**11**

*L= lecture, P/T= practical/tutorial

-Elective Courses (4 credit hours)

Course code	Course Title	L	P/T	Total hrs.	Credit hrs
SSG E01	Introduction to Political Science	2	-	2	**2**
SSG E02	Introduction to Psychology	2	-	2	**2**
SSG E03	Introduction to Sociology	2	-	2	**2**
BAD E01	Introduction to Economics	2	-	2	**2**
BAD E02	Introduction to Business Administration	2	-	2	**2**

*L= lecture, P/T= practical/tutorial