



Republic of the Philippines  
OFFICE OF THE PRESIDENT  
COMMISSION ON HIGHER EDUCATION

CHED MEMORANDUM ORDER (CMO)

NO. 06

Series of 1998

**SUBJECT: UPDATED POLICIES AND STANDARDS FOR DENTAL EDUCATION**

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In accordance with pertinent provisions of Republic Act (RA) No. 7722, otherwise known as the "Higher Education Act of 1994," and for the purpose of rationalizing Dental Education in the country with the end in view of keeping apace with the demands of global competitiveness, the following policies and standards for Dental Education are hereby adopted and promulgated by the Commission, thus:

**Article I  
AUTHORIZATION**

Section 1. Only schools, colleges and universities duly authorized by the Commission on Higher Education can operate the Dentistry program.

Section 2. The Dentistry programs must have prior authorization from the Commission on Higher Education upon the recommendation of the Council on Dental Education.

Section 3. Representatives from the Commission on Higher Education and the members of the Council on Dental Education, shall make an ocular inspection of all the facilities of the institution to assure that they conform with the required policies and standards as specified therein.

Section 4. The number of students admitted to the schools offering the Dentistry Course shall be proportionate to the school's capabilities to offer the program in terms of facilities and faculty.

**Article II  
MISSION STATEMENT**

Section 1. The objective of undergraduate dental education is to prepare young men and women for the general practice of dentistry in order to develop competence in maintenance of oral health treatment. The plan of instruction is directed to give the dental student a sound foundation in the basic Health Sciences, to develop

The following are the suggested guidelines for ranking purposes:

- 2.1 Instructor - must be a Doctor of Dental Medicine (DMD) or a graduate in a relevant discipline with good scholastic record.
- 2.2 Assistant Professor - must possess the DMD degree with at least three (3) years tenure as instructor or equivalent training and experience.
- 2.3 Associate Professor - must possess DMD degree with at least three (3) years tenure as Assistant Professor or equivalent training and experience.
- 2.4 Full Professor - possess DMD degree with at least three (3) years tenure as Associate Professor or equivalent training and experience and must have shown outstanding achievements in scholarship or science.

Section 3. The following conditions of employment shall be observed:

- 3.1 A full-time faculty member is one who works in the dental schools for a minimum of eighteen (18) hours per week.  
  
A part-time faculty is one whose work in a dental school does not exceed twelve (12) hours per week.  
  
At least sixty percent (60%) of the subjects shall be taught by full-time faculty members.
- 3.2 Salary rates of faculty members shall be commensurate with their ranks, academic preparation, teaching experiences and comparable with others who teach other academic subjects.

Section 3. Faculty Development Program

For an effective operation of the school, institute, college or university offering Dentistry, there should be a faculty development program carried out through:

- 3.1 Scholarship grants to full time faculty members.
- 3.2 Educational loans or tuition fee discounts to faculty members enrolled in the graduate school.
- 3.3 Subsidized attendance in Continuing Education programs, conferences, professional and scientific meetings, etc.

Section 4. The institution shall encourage research among its faculty members for the improvement of the Dental profession.

Section 5. Each college/university shall have a faculty manual containing information and policies of all matters pertaining to the faculty.

Section 2. The library should be open at least eight (8) hours a day on school days.

Section 3. The institution offering the Dentistry course must assure the availability of at least two (2) titles each of current edition of Dental books, pamphlets, monographs and serials specifically used as basic reference reading materials for the Dental course/subjects.

Section 4. To update the students and faculty staff in the latest developments in the field, subscription to a minimum of five (5) international journals as well as Health Science periodicals must be maintained.

Section 5. The institution offering the Dentistry courses has the freedom to select the basic textbooks to be used by the students in all the subjects specified in the curriculum. However, the library facility of the institution shall have at least one (1) copy of each of these basic textbooks for every twenty five (25) students enrolled in the class for those unable to procure these books.

Section 6. The quantity of other reading materials shall also be in proportion to the enrolment and be responsive to the needs of the students. At least, one (1) reference book per title.

Section 7. All income from the students' library fee should be spent strictly for the acquisition of books, journals, publications and other expenses towards the improvement of the library.

Section 8. There should be a state-of-the-art materials and equipment.

#### Article VIII LABORATORY FACILITIES

Section 1. Every school, institution, college or university offering Dental course must have adequate laboratory/clinic facilities to enable all students to acquire correct specific and clinical skills, knowledge, and attitudes.

Section 2. The specific requirements of the Dentistry laboratory facilities are as follows:

- 2.1 One (1) cadaver should be provided for twenty-five (25) students at any given academic year. The use of plastic mannequin, flip charts, etc. may be allowed to supplement the required number of cadaver. At least provisions should be made for the purchase of a cadaver per year.
- 2.2 One (1) set apparatus should be assigned for every ten (10) students in Physiology, Pharmacology, and Biochemistry.

Section 3. Psychological and guidance counselling shall be made available to the students.

**SO ORDERED.**

Pasig City, Philippines, January 21, 1998

  
**ANGEL C. ALCALA**  
Chairman

  
**MONA D. VALISNO**  
Commissioner

  
**KATE C. BOTENGAN**  
Commissioner

  
**ESTER A. GARCIA**  
Commissioner

  
**ROBERT N. PADUA**  
Commissioner

## TWO-YEAR PRE-DENTAL CURRICULUM

### FIRST YEAR

First Semester		Second Semester	
Subjects	Units	Subjects	Units
English (Comm. Skills I)	3	English (Comm. Skills II)	3
Chemistry 101 (Gen. and Inorg. Chem.)	5	Chemistry 201 (Organic Chemistry)	5
Philippine History and Culture	3	Sociology 103 (Current Issues)	3
Mathematics 101 (College Algebra)	3	Botany 102 (General Botany)	5
Pilipino 101 (Sining ng Pakikipagtalastasan)	3	Logic	3
Social Philosophy	3	Dental History and Orientation	2
P.E.	(2)	P.E.	(2)
ROTC	(1.5)	ROTC	(1.5)
	<hr/>		<hr/>
Total	22	Total	23

### SECOND YEAR

First Semester		Second Semester	
Subjects	Units	Subjects	Units
English (Speech and Oral Comm.)	3	English (Survey of Phil. Lit.)	3
Zoology 101 (Gen. Zoology)	5	Zoology 201 (Comparative Vert. Anatomy)	5
Psychology 101 (General Psychology)	3	Physics 201 (Gen. Physics)	5
Pilipino 201 (Panitikang Pilipino)	3	Personal and Community Health	3
Philippine Government and Constitution	3	Sociology-Anthropology (Culture & Social Changes)	3
Rizal and His Writings	3	Intro. to Computer Science	3
P.E.	(2)	P.E.	(2)
ROTC	(1.5)	ROTC	(1.5)
	<hr/>		<hr/>
Total	22	Total	24

## SUMMARY

I.	General Education Courses .....	69
II.	Other Required Courses .....	14
	<b>Total Units</b>	<b>83</b>

I. GENERAL EDUCATION COURSES ..... 69

A. Languages ..... 18

1. English ..... 12

English 1 Communication Skills 1 ..... 3

English 2 Communication Skills 2 ..... 3

English 3 Speech and Oral Communication ..... 3

English 4 Survey of Philippine Literature ..... 3

2. Pilipino ..... 6

Pilipino 1 Sining ng Pakikipagtalastasan ..... 3

Pilipino 2 Panitikang Pilipino ..... 3

B. Natural Science and Mathematics ..... 33

1. Sciences ..... 30

Chemistry 1 General & Inorganic ..... 5

Chemistry 2 Organic Chemistry ..... 5

Physics 1 General Physics ..... 5

Botany 1 General Botany ..... 5

Zoology 1 General Zoology ..... 5

Zoology 2 Comparative Vert. Anatomy ..... 5

2. Mathematics ..... 3

Mathematics 1 ..... 3

C. Social Sciences ..... 18

Sociology 1 ..... 3

Psychology 1 General Psychology ..... 3

Phil. History and Culture ..... 3

Phil. Government and the New Constitution ..... 3

## DESCRIPTION OF COURSES - PRE-DENTISTRY

### I. GENERAL EDUCATION

#### English 1 - Communication Skills I

Basic skills of listening, speaking, reading and writing. (3 units)

#### English 2 - Communication Skills II

A continuation of English 1 - Intermediate skills of listening, speaking, reading and writing. Pre-requisite: English 1. (3 units)

#### English 3 - Speech and Oral Communication

A course in interpretative reading and different types of oral communication - includes study of extemporaneous speeches in conferences and kinds of group discussions. Pre-requisite: English 2. (3 units)

#### English 4 - Survey of Philippine Literature

A study of different literary forms - poetry, drama, short story, novel and essay. A course designed to acquaint the students with the work of Filipino writers in English. (3 units)

#### Pilipino 1 - Sining ng Pakikipagtalastasan

Listening, speaking, reading and writing. (3 units)

#### Pilipino 2 - Panitikang Pilipino

From its beginning in folk tradition, through colonial periods to the present; to be taught in Pilipino (3 units)

#### Mathematics 1 - College Algebra

The real number system, algebraic expressions and operations; relations, functions and their graphs; absolute value, equations and linear inequalities, applications; radicals and exponents; systems of linear and quadratic equations; applications; polynomial equations. If and whenever possible, calculator/computer techniques shall be used. (3 units)

## II. OTHER REQUIRED COURSES

### Sociology - Anthropology

An introduction to the basic concepts in Sociology and Anthropology stressing man's interrelationship with other men and also his environment. Basic to the course is the study of culture and social change. (3 units)

### Personal and Community Health

This course acquaints students with the factors that contribute to personal well-being and techniques and processes in organizing a community for the development of health consciousness. (3 units)

### Dental History and Orientation

A study of dentistry as a profession from the early days to the present and its development in the Philippines. It also includes the scope and responsibilities of dentistry on a health profession and its relation with other professions. (1st Sem. 1 lec. hr./wk., 2nd Sem. 1 lec. hr./wk.)

### Introduction to Computer Science

Introduction to the functional organization of computer system; problem analysis; fundamentals of algorithms; formulation of algorithms for problem solving; structured programming concepts; debugging and testing; string processing; internal sorting and searching; elementary data structure; recursion. (3 units)

### Social Philosophy (Values Formation)

Values Education; The Psycho-Social, Dynamics of Personal and Interpersonal Relations.

The course explores in theory and through actual experience the development process of becoming an integrated and fully functioning human person. The supreme value of personhood and interpersonal relations is processually learned, an initial individual personhood development plan is one required output of the course. (3 units)



**REVISED FOUR-YEAR DENTAL CURRICULUM  
EFFECTIVE 1989-1990**

**FIRST YEAR**

**First Semester**

Subjects	Hours		Units
	Lec	Lab	Total
Gen. Anatomy I (Regional)	3	6	5
Gen. Microscopic Anatomy and Embryology	2	6	4
Biochemistry	2	6	5
Oral Anatomy	2	6	4
Computer Program	1	2	3
<b>TOTAL</b>			<b>21</b>

**Second Semester**

Subjects	Hours		Units
	Lec	Lab	Total
Gen. Anatomy II (H and N)	3	6	5
Oral Microscopic Anatomy & Embryology	2	6	4
General Physiology with Family Planning	2	6	4
Dental Materials	2	3	3
Nutrition	2	-	2
Microbiology	2	3	3
<b>TOTAL</b>			<b>21</b>

**SECOND YEAR**

**First Semester**

Subject	Hours		Units
	Lec	Lab	Total
General Pathology	2	6	4
Pharmacology	2	3	3
Restorative Dentistry I	2	6	4
Prosthodontics I (C&B)	2	6	4
Technical Composition	2		2
Oral Physiology	2	3	3
<b>TOTAL</b>			<b>20</b>

**First Semester**

Subject	Hours		Units
	Lec	Lab	Total
Oral Pathology I	2	6	4
Restorative Dentistry II	2	3	3
Prosthodontics II (R.P.D.)	2	6	4
Prosthodontics III (C.D.)	2	6	4
Anesthesiology	2	-	2
Orthodontics I (Growth & Development)	1	3	2
<b>TOTAL</b>			<b>19</b>

### THIRD YEAR

#### FIRST SEMESTER

#### SECOND SEMESTER

Subject	Hours		Units Total	Subjects	Hours		Units Total
	Lec	Lab			Lec	Lab	
Oral Surgery 1	2	-	2	Oral Surgery II	2	-	2
Oral Diag. & Treat. Planning	2	-	2	Technical Composition (Methods of Research)	2	-	2
Endodontics	2	2	2	Periodontics	2	1	2
Orthodontics II	1	3	2	Oral Pathology II (Oncology)	2	1	3
Roentgenology	2	-	2	Dental Jurisprudence & Ethics	2	-	2
Principles of Medicine	2	-	2	Community Dentistry I	2	-	2
Practice Management	2	-	2	Pedodontics (Pediatric Dentistry)	2	-	2
Clinical Dentistry I	-	18	6	Clinical Dentistry II	-	18	6
<b>TOTAL</b>			<b>20</b>	<b>TOTAL</b>			<b>21</b>

### FOURTH YEAR

#### First Semester

#### Second Semester

Subject	Hours		Units Total	Subjects	Hours		Units Total
	Lec	Lab			Lec	Lab	
Hospital Dentistry I	2	6	3	Hospital Dentistry II	2	6	3
Community Dentistry II	2	3	3	Community Dentistry III	1	6	3
Special Studies:				Special Studies:			
Restorative Dentistry	1	-	1	Restorative Dentistry	1	-	1
Prosthodontics	1	-	1	Prosthodontics	1	-	1
Oral Med. & Oral Surgery I	1	-	1	Oral Med & Oral Surgery II	1	-	1
Ortho-Pedo	1	-	1	Ortho-Pedo	1	-	1
Clinical Dentistry III	-	30	10	Clinical Dentistry IV	-	30	10
<b>TOTAL</b>			<b>20</b>	<b>TOTAL</b>			<b>20</b>

## SUMMARY

I. Professional Dental/Medical Courses.....	105
II. Clinical/Hospital Dentistry.....	46
III. Special Studies/Seminars.....	<u>8</u>
<b>TOTAL UNITS</b>	<b>159</b>

I. PROFESSIONAL DENTAL/MEDICAL COURSES	<u>105</u>
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A. Dental Courses.....	68
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Dental Materials.....	3
Restorative Dentistry I & II.....	7
Prosthodontics I, II & III.....	12
Orthodontics I & II.....	4
Pedodontics (Pediatric Dentistry).....	2
Oral Physiology.....	3
Oral Pathology I.....	4
Oral Pathology II.....	3
Anesthesiology.....	2
Oral Microscopic Anatomy and Embryology.....	4
Oral Diagnosis, Treatment, Planning.....	2
Endodontics.....	2
Periodontics.....	2
Roentgenology.....	2
Oral Anatomy.....	4
Oral Surgery I & II.....	4
Technical Composition.....	2
Dental Jurisprudence and Ethics.....	2
Practice Management/Marketing.....	2
Technical Composition (Methods of Research)	2

B. Medical Courses	37
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Anatomy I & II (Regional, Head and Neck).....	10
General Microscopic Anatomy and Embryology.....	4
General Physiology with Family Planning.....	4
General Pathology.....	4
Principles of Medicine.....	2
Pharmacology.....	3
Microbiology.....	3
Biochemistry.....	5
Nutrition.....	2

II. CLINICAL/HOSPITALDENTISTRY.....	46
Hospital Dentistry I & II.....	6
Community Dentistry I, II & III.....	8
Clinical Dentistry I & II.....	12
Clinical Dentistry III & IV.....	20
III. SPECIAL STUDIES / SEMINARS.....	8
Restorative Dentistry I & II.....	2
Prosthodontics I & II.....	2
Oral Medicine and Oral Surgery I & II.....	2
Ortho-Pedodontics I & II.....	2

## DESCRIPTION OF COURSES - COLLEGE OF DENTISTRY

### GENERAL ANATOMY - Regional and Head and Neck

A study of the human body by regions; the upper extremities, the thorax, the abdomen, the pelvic and the lower extremities. It includes the study of the maxillo-facial structure, the pharyngeal regions, and the facial planes of the face and neck are given special emphasis as they are the basis for a better appreciation of numerous dental problems such as the spread of dental infections and fractures of the jaw. The laboratory work includes the use of charts, models, and specimen for demonstration and the dissection of cadavers. (1st sem. 3 hrs. lec., 6 hrs. lab., 2nd sem. 3 hrs. lec., 6 hrs. lab./wk.)

### GENERAL MICROSCOPIC ANATOMY AND EMBRYOLOGY

A course covering the study of the origin and development of the cell and fundamental tissue structures and microscopic anatomy of human organs and systems. (2 hrs. lec., 6 hrs. lab./wk.)

### BIOCHEMISTRY

A course designed for dental students and deals with the study of digestion, absorption and intermediary metabolism of proteins, fats and carbohydrates. It includes also the role of the hormones, vitamins and enzymes taking place in the human body chemical processes. (2 hrs. lec., 6 hrs. lab./wk.)

### NUTRITION

The pathogenesis of malnutrition and the role of essential nutrients in health and disease with emphasis on oral health. (2 hrs. lec./wk.)

### ORAL ANATOMY

The morphology of deciduous and permanent teeth, their arrangement and relationship with the supporting structures; the palontology of the human dentition, growth and development of the skull and jaws correlated to the eruption of the teeth and the forces of occlusion. The laboratory work including a drawing, carving and dissections of the human teeth. (2 hrs. lec., 6 hrs. lab./wk.)

### ORAL MICROSCOPIC ANATOMY AND EMBRYOLOGY

Microscopic study of the oral tissues, with emphasis on the structure of the teeth and their supporting tissues, as well as the detailed study leading to the development of the face, jaws, and teeth. (2 hrs. lec., 6 hrs. lab./wk.)

## **GENERAL PHYSIOLOGY INTEGRATED WITH FAMILY PLANNING**

A study of general human physiology with emphasis on the digestive, nervous and blood systems and the metabolism of calcium and phosphorous. Emphasis is also placed on the items of practical application to dentistry. Inclusion of the topic on Family Planning whenever possible must be made. . (2 hrs. lec., 6 hrs. lab./wk.)

## **DENTAL MATERIALS**

A course consisting of lectures and laboratory work on the physical and chemical properties of metals and other materials used in dentistry and their clinical applications. It covers instructions as to the sources, composition and manipulation. . (2 hrs. lec., 3 hrs. lab./wk.)

## **GENERAL PATHOLOGY**

A course on the fundamental principles of general and systemic pathology with emphasis laid upon the dependence and/or close correlation of pathologic procedures of the mouth with those of the rest of the body and vice-versa. . (2 hrs. lec., 6 hrs. lab./wk.)

## **PHARMACOLOGY**

A course dealing on pharmacodynamics, pharmatherapeutics, and prescriptions writing of drugs used in dentistry. . (2 hrs. lec., 3 hrs. lab./wk.)

## **RESTORATIVE DENTISTRY I**

The fundamental principles of cavity preparation and manipulation of filling materials. The use of mannequins and natural teeth, is recommended in the laboratory work . (2 hrs. lec., 6 hrs. lab./wk.)

## **PROSTHODONTICS I - Fixed and Partial Denture**

This is a one semester undergraduate study in lecture and laboratory of fixed partial prosthesis (crown and bridge prosthesis). Every effort is made to provide continuity in logical sequence for dental crown and bridge construction which would give the students knowledge of various techniques, methods and preparations of fixed prosthesis without losing sight of their biological requirements in a living organism. . (2 hrs. lec., 6 hrs. lab./wk.)

## MICROBIOLOGY

A course on the biology of pathogenic micro-organism which include bacteria, fungi, rickettsiae, viruses, protozoa and helminths. It covers four interrelated areas of general and oral microbiology and immunology by means of lectures and laboratory work. . (2 hrs. lec., 3 hrs. lab./wk.)

1. biology with reference to parasitism and diseases;
2. phenomena of infection and immunity on associated host-parasite interactions;
3. characteristics of the more important groups of micro-organisms and viruses;
4. micro-organisms of the human mouth and their relationship to health and disease.

## ORAL PHYSIOLOGY

This subject is newly introduced in the dental curriculum. Instruction is inter-related with the general principles of the practice of dentistry as the advances in fundamental biologic knowledge in the last two decades have created new responsibility in dental research, education and practice. This course presents the principles of physiology as they are applied to dental practice, reducing the barriers between the clinical and the basic biologic training of the undergraduate student. It introduces clinical information and provides an opportunity for information to clinical dentistry. . (2 lec. hrs/wk., 3 hrs. lab./wk.)

## ORAL PATHOLOGY I

Oral Pathology is a science that deals with the gross and microscopic study of abnormalities and diseases of the dental and oral tissues either congenital, developmental, or acquired types. ( 2 hrs. lec., 6 hrs. lab.: Credit 4 units)

## RESTORATIVE DENTISTRY II

A pre-clinical lectures and laboratory instructions on the manipulation of hand and electric power instruments in cavity preparation prior to replacing the lost teeth structure with dental materials. The use of extracted natural teeth mounted may handle patients to afford them to correlate what have been taught in the lecture and laboratory classes. . (2 hrs. lec., 3 hrs. lab./wk.)

## **PROSTHODONTICS II Removal partial denture**

This course is partial denture construction known as Removal Partial Prosthesis, its principle, application and biologic relation to living tissues. The one semester lecture and laboratory work is geared to teach students, the step-by-step technical procedure of partial denture planning, designing and manufacturing. Emphasis is placed also on the study of the various dental materials incident to partial denture construction. (2 lec. hrs., 6 hrs. lab./wk.)

## **PROSTHODONTICS III - Complete Denture**

This course in prosthodontics requires one semester's work of undergraduate students in lecture and laboratory. It introduces to the students the technical and basic management of complete denture prosthesis based on the principles of biomechanics which is the dynamic relationship between the living tissues and the dentures nominated by a multitude of forces serving the total organism. (2 lec. hrs., 6 lab. hrs./wk.)

## **ANESTHESIOLOGY**

A study of pharmacology of different local anesthetic solutions or agents used in dentistry. Includes a review of the nerve supply of the maxilla and mandible. It includes also study of general anesthesia.

## **ORTHODONTICS I**

A course on the fundamentals of growth and development of the crani-facial structures and their relation to the stomatognathic system, as well as the construction of fixed and removable orthodontic appliances. (1 lec. hrs., 3 lab. hrs./wk.)

## **ORAL SURGERY I AND II**

The general principles of surgery and how they are applied in dental surgical procedures, ordinary and complicated extractions, minor oral surgery such as root resection, alveoloplasty, removal or impacted and embedded teeth, the reduction and fixation of simple maxillary and mandibular fractures are given emphasis. The course also acquaints the students with major oral surgery in mandibular resection, the plastic surgery to be able to cooperate with the general surgeon in the management of oral cases. (1st sem. 2 lec. hrs./wk., 2nd sem. 2 lec. hrs./wk.)

## **ORAL DIAGNOSIS, PLANNING AND TREATMENT**

The course begins with a devoted review of the various diseases occurring in the oral cavity including the teeth and adjacent structures. Preceded with the principles and procedures in making a diagnostic, prognosis, and the planning of treatment. (2 lec. hrs./wk.)



## ENDODONTICS

A course on the basic principles of root canal therapy. The instruments, materials and technical procedure used in the preparation and filling of root canals are taught in a manner which stimulate the intra-oral procedures. (2 lec. hrs./wk.)

## ROENTGENOLOGY

A brief study of the historical backgrounds and modern scope of radiology, including a review of the fundamentals of physics and chemistry as related to oral radiology, followed by a detailed and illustrated consideration of the intra-oral and extra-oral techniques used in the production of good diagnostic radiographs. It includes also interpretation of processed radiographs with special emphasis on the normal anatomical landmarks and oral lesions. (2 lec. hrs./wk.)

## ORTHODONTICS II

Continuation of Orthodontics I. Includes clinical and didactic and instruction on differential diagnosis and management of malocclusion in dental practice. (1 lec. hrs., 3 lab. hrs./wk.)

## PRINCIPLE OF MEDICINE

A course which deals with the relationships of mouth infection and systemic diseases. Emphasis is placed on disease of metabolism cardiac disturbances, blood dyscrasias, and other body disorders, that may effect the management of oral diseases. (2 lec. hrs./wk.)

## PRACTICE MANAGEMENT

A course designed to give the students a practical guide on how to conduct a successful dental practice. It deals with the responsibilities of the dentist to society, qualifications for success, patient management, keeping of records, taxes and investments. (2 lec. hrs./wk.)

## TECHNICAL COMPOSITION

A course aimed to train students in the preparation of technical papers and how to present and discuss them in scientific meeting. (2 lec. hrs./wk.)

## PERIODONTICS

A course on classification, etiology, pathology and management of periodontal diseases. Includes review of histology and physiology of the periodontia. (2 lec. hrs./wk.)

## **ORAL PATHOLOGY II**

A study of the clinical systems, gross and microscopic tissue changes of the diseases of the teeth and adjacent structures, including the etiology, diagnosis, and treatment planning of the various neoplastic diseases in the oral cavity.

## **DENTAL JURISPRUDENCE AND ETHICS**

The relation of law and ethics to dental practice. (2 lec. hrs./wk.)

## **PUBLIC HEALTH DENTISTRY**

The principles in the prevention of dental diseases and the relation of the dentist to public health. (2 lec. hrs./wk.)

## **PEDODONTICS**

A course on the use of appropriate prophylactics and restorative methods for child dental care. It includes basic child psychology, child management, growth and development, nutrition, caries control, radiography, pulp therapy, treatment of injuries and preventive orthodontics. (2 lec. hrs./wk.)

## **HOSPITAL DENTISTRY I AND II**

Relating dental internship for senior students at a local hospital. It is designed to familiarize the student with hospital procedures and the scope and functions of other divisions of the health services. (1st sem. 1 lec. hr., 6 lab. hrs./wk., 2nd sem. 1 lec. hr., 6 lab. hrs./wk.)

## **COMMUNITY DENTISTRY AND HEALTH EDUCATION**

A course designed to introduce essential concepts and principles in the study of Dental Epidemiology and biostatistics as basic tools in Dental Care Delivery; the role of the dental professional in the areas of Preventive Dentistry, Dental Program Planning, Dental Program Evaluation, Dental Research and in Dental Health Education. (3 hrs. lec.: Credit: 3 units)

## **RESTORATIVE SEMINAR**

A series of discussions for senior students. The work consist of review and elaboration of the practical aspects taken up in previous years. Emphasis is on the problems encountered in the clinic. (1lec. hr./wk.)

## **PROSTHODONTICS SEMINAR I AND II**

Advances principle in the construction of crowns, fixed bridges, removable bridges, partial and complete dentures. It includes problems encountered in the clinic. (1 lec. hr./wk.)

## **ORAL MEDICINE AND SURGERY SEMINAR**

Discussion on periodontal and surgical cases encountered in the clinic. (1 lec. hr./wk.)

## **PEDODONTICS-ORTHODONTICS SEMINAR**

Discussion on the management of child dental care including prevention and interception of malocclusion. (1 lec. hr./wk.)

## **CLINICAL DENTISTRY**

The objective of clinical practice is to train dental students to deliver professional dental services to a patient.

The duration of clinical practice for dental students is four (4) semesters and commence on the first semester of third year and is continued until the second semester of the fourth year. the clinicians in Clinical Dentistry I and II, under the close supervision of the clinic faculty are expected to perform clinical work in the various section, such as restorative dentistry, prosthodontics, oral surgery, pedodontics, and orthodontics.

In the Clinical Dentistry III and IV the clinicians are given the opportunity to perform dental practice with minimum supervision. a set of minimum clinical requirements for each semester is given, which the student will have to accomplish to the satisfaction of the clinic faculty as a pre-requisite for graduation.

Following are the different clinics:

### **DIAGNOSTIC-RADIOLOGICS CLINIC:**

All patients admitted for treatment in the various clinics of the infirmary are first cleared through this section where mouth examination procedures and case histories are handled as well as radiographic examination whenever indicated.

#### **PEDODONTICS-ORTHODONTICS CLINIC:**

The clinical training offered by this section to the dental clinician includes acquiring necessary skills in handling dental needs of children patients in the aspects of radiographic examination, restorative dentistry, endodontics, oral surgery, and in preventive and corrective orthodontics services.

#### **RESTORATIVE DENTISTRY:**

This clinic is aimed to train student clinicians in restoration of lost tooth structures by way of preparations of simple, compound and complex cavities in the teeth for the reception of the different filling materials such as Amalgam, Silicate Composite and Inlays.

#### **ENDODONTICS-PERIODONTICS CLINIC:**

This clinic provides training of clinicians on the management of preservation of teeth and their supporting structures where services offered are root canal therapy, pulpotomy, surgical endodontics, periodontal therapy and periodontal surgery.

#### **ORAL SURGERY CLINIC:**

Student clinicians are given the opportunity to develop the skill and proficiency in the process of tooth extraction, odontectomy and other special surgical procedures.

#### **PROSTHODONTICS CLINIC:**

Student clinicians are trained and given the opportunity to acquire the clinical experiences in the construction, fitting and installation of fixed denture prostheses, partial dentures and complete dentures.

Certain number of clinical requirements are prescribed in each of the clinics and are prerequisite for graduation in compliance with the requirements of the Commission on Higher Education.

Third Year: First Sem. - 18 hrs./wk., Credit: 6 units  
Second Sem. 18 hrs./wk., Credit: 6 units

Fourth Year: First Sem. - 30 hrs./wk., Credit: 10 units  
Second Sem. 30 hrs./wk., Credit: 10 units