

Freshmen Year

Course Title: Biochemistry (CBIO 7100)

Contact Hours: 81 Hrs.

Course Description:

Biochemistry studies the structures, the interactions, the transformations and the roles of biomolecules that make possible the functions and behavior of living organisms. This is a lecture-type course with the purpose of facilitating the learning of basic biochemical concepts and knowledge that would allow the students to understand, at the molecular level, the normal and pathological processes that occur in human beings. Biochemistry provides a scientific language that facilitates the study of other "basic biological sciences" included in the health curriculum like physiology, microbiology, pharmacology and others. Biochemistry has uncovered the molecular mechanisms involved in most normal functions of the body and how these molecular mechanisms are altered in many diseases. This fact determines that students interested in pursuing a health profession must have a solid background in biochemistry. Otherwise, he or she will not be able to attain the level of preparation that is required for the practice of these professions.

Course Title: Gross Anatomy (CBIO 7110)

Contact Hours: 108 Hrs.

Course Description:

The course presents human macroscopic anatomy with an emphasis on regions and topics of concern to the dental curriculum. Head and neck are treated in the greatest detail, followed by the proximal segments of the upper limb, focusing particularly on the brachial plexus, and thoracic viscera. Abdominopelvic viscera are presented as an overview. Images (radiographs, CT, MRI) and clinical relevance are incorporated, especially in head and neck and to a lesser degree in coverage of thorax. The peripheral nervous system is treated with special focus on pathways of pain sensation. Instructional methods are structured lectures, in PowerPoint, followed by supervised dissection of cadaveric specimens.

Course Title: General Histology (CBIO 7120)

Contact Hours: 80 Hrs.

Course Description:

This course is intended to provide the dental students with a thorough knowledge of the normal microscopic structure of cells, tissues and organs. Throughout the course special emphasis is placed in the correlation of structure and function at both, light and electron microscope levels. A series of lectures are devoted to the topic of cell biology in order to provide the student with the basic ultrastructural knowledge to understand and integrate the details of function and molecular structure learned in other courses such as Biochemistry, Physiology, Pathology, Immunology and Pharmacology.

Course Title: Neuroanatomy (CBIO 7130)

Contact Hours: 60 Hrs.

Course Description:

The course is a complete presentation of basic human neuroanatomy with more emphasis given to cranial nerves and mechanisms of tactile sensation. Principal instructional methods are lectures and laboratories, which focus on study of prosections of brain specimens.

Course Title: Oral Histology and Embriology (CBIO 7140)

Contact Hours: 40 Hrs.

Course Description:

This course is designed to provide the student with sufficient knowledge in the development and histology of those parts of the face and mouth that he will encounter throughout his career in dentistry. Emphasis will be placed on the clinical applications of the areas which will be studied throughout the course. The course is based on lectures and laboratory demonstration with microscopic exercises.

Course Title : Microbiology (CBIO 7150)

Contact hours: 84 hrs.

Course Description:

The course emphasizes fundamental principles of the genetics, growth, metabolism and death of microbes. These principles are balanced with medical and dental aspects of host-parasite relations, immunologic phenomena, and the biological and clinical manifestations induced by major pathogens. Stress is placed on organisms related to dental caries and periodontal and periapical diseases. Further, the student should understand the influence of microorganisms and associated biologic phenomena have on patient health. The course is based on lectures, laboratory exercises and clinical correlations.

Course Title: Basic Human Physiology for Dental Students (CBIO 7160)

Contact Hours: Part I 30 Hrs., Part II 62 Hrs.

Course Description:

The course will offer basic physiological knowledge necessary to understand the essential facts and concepts of human physiology, in order to be able to make clinical judgments on a rational scientific basis. This course will be offered using directed and independent study as learning strategies.

Course Title: *General Systemic Pathology* (CBIO 7170)

Contact Hours: Part I 20 Hrs., Part II 37 Hrs.

Course Description:

General and systemic pathology is a lecture-type course, which will present the knowledge of fundamental disease processes that affect the cells, tissues and organ systems of the body.

Course Title: *Oral Pharmacology and Therapeutics* (CBIO 7180)

Contact Hours: Part I 41 Hrs., Part II 33 Hrs.

Course Description

Oral Pharmacology and Therapeutics is a basic course in pharmacology with emphasis on dental applications. It is delivered by the faculty of the Department of Pharmacology and Toxicology of the Medical Sciences Campus School of Medicine, with the collaboration of several faculty of the School of Dentistry. This course is intended to acquaint the student with the basic principles of pharmacology emphasizing the mechanisms of action, secondary effects and drug interactions and prescriptions and drugs in common use in dentistry and medicine.

Course Title: *Integration of Biomedical Sciences into Dental Practice* (CBIO 7190)

Contact Hours: Part I 20 Hrs., Part II 30 Hrs.

Course Description:

The purpose of this course is to provide the dental student with the opportunity to correlate Basic Science Courses and topics with the dental clinical management of patients presenting medical conditions.

Course Title: *Introduction to Assessment and Diagnosis of the Patient* (EVDI 7105)

Contact Hours: 38 Hrs.

Course Description:

Through lectures and class discussions, this course is intended to introduce the student to the art of history taking and patient interviewing. The student will develop skills in communication that will enable him/her to establish the proper rapport with the patient and arrive at an initial assessment. The student will also be introduced to some aspects of gathering clinical data such as recording vital signs. The course will also offer the theory and practice of Basic Cardiac Life Support (CPR) and its protocols.

At the end of the course, the student will have the opportunity to practice his/her interviewing skills with real standardized patients in a clinical setting.

Course Title: Human Development and Behavioral Management (EVDI 7115)

Contact Hours: 44 Hrs.

Course Description:

This course will study primarily the human being in his life cycle. It recognizes the human being as an integral self with equal intensity in the psychosocial and biophysiological aspect. Understanding these two dimensions is of vital importance in the process of establishing a treatment plan that satisfies the patients bio-psychosocial needs. In the second part of the course, knowledge regarding human growth and development will be applied to the behavioral management of the patient. This will establish an effective dentist-patient relationship, resulting in an uplifting clinical and interpersonal dental experience for both the patient and the dentist. In addition to seminars and lectures, Problem Based Learning will be used as the primary instructional strategy during this course.

Course Title: Dental Anatomy and Functional Occlusion (EVDI 7125)

Contact Hours: 127 Hrs.

Course Description:

This is a two part course consisting of lectures and demonstrations concurrent with laboratory sessions. In the first part of the course, the student will have the opportunity to learn the morphology and anatomy of the human teeth, their function and their immediate associated parts. The student will reconstruct in wax the coronal portion of permanent maxillary and mandibular teeth following the correct contour and morphology. The second part consists of a series of presentations on the basic knowledge of occlusion. The student will mount study casts in a semi-adjustable articulator and wax-up opposing posterior quadrants on the casts. The casts will be waxed to a functional occlusion using a modified addition waxing technique according to the setting of the articulator.

COURSE TITLE: Dental and Craniofacial Imaging (EVDI 7135)

CONTACT HOURS: 20 hrs.

COURSE DESCRIPTION:

This is a lecture and seminar course designed to familiarize the student with the physical nature of x-ray radiation, radiation health, types of radiographs, radiographic techniques, and radiographic interpretation for the practice of oral and maxillofacial radiography. Concepts of radiographic processing techniques, quality evaluation, and rectification procedures will be discussed.

Course Title: Cariology (PRET 7106)

Contact Hours: 12 Hrs.

Course Description:

This is a lecture and seminar type course, which will discuss fundamental biological, epidemiological and clinical aspects of dental caries. The knowledge provided in the cariology course is essential for understanding the rationale behind preventive, diagnostic, and therapeutic methods for the control of dental caries.

Course Title: Preventive Dentistry (PRET 7116)

Contact Hours: 44 Hrs.

Course Description:

The concepts of prevention, philosophy of preventive dentistry, levels of prevention and primary preventive measures are discussed in this course. Emphasis is given in the maintenance of oral hygiene by education, products and techniques. Oral prophylaxis instrumentation techniques and application of nutritional concepts as part of primary prevention and oral health maintenance are also presented in the course. This course is presented by lectures, seminars, laboratories and clinical experience.

Course Title: Introduction to Restorative Dentistry and Principles of Intracoronal Restorations (PRET 7126)

Contact Hours: Part I 90 Hrs., Part II 120 Hrs.

Course Description:

This course consists of a series of lectures and laboratories with natural and ivory teeth, dental simulator, patient and clinical experiences intended to provide the students with the basic knowledge and skills necessary for an adequate performance in the field of Operative Dentistry during their clinical practice.

This course will cover the basic treatment of carious lesion that need to be restored with composite resin, amalgam, cast gold and porcelain dental materials. It has been designed to address from the minimal invasive interventions to more complex situations of severely affected teeth. Includes fissure sealants, vital bleaching techniques and an overview on new materials for preventive, and aesthetics considerations. Emphasis will be given to the principles of cavity preparation and restoration of individual teeth under preventive philosophy and preservation of tooth structure.

Course Title: *Clinical Applications of Dental Skills* (PRET 7136)

Contact Hours: 54 Hrs.

Course Description:

This course will introduce the student to the clinic by experiences in three areas: radiology, preventive dentistry, and functional occlusion. In the dental imaging rotation radiograph, taking, processing, mounting and interpretation will be performed. In the area of preventive dentistry, the student will perform oral prophylaxis procedures. Diagnostic casts will be prepared and mounted in a semi-adjustable articulator in the area of functional occlusion.

Course Title : *Introduction To Professional Development I* (DESP 7117)

Contact Hours: 12 Hrs.

Course Description :

This introductory course using lectures and seminar expose the student to the general characteristics that defines the dentists as a health professional. It will also expose the student to the dentist role in community health and to health and basic infection control concepts.

Course Title: *Introduction to Professional Development II* (DESP 7127)

Contact Hours: 18 Hrs.

Course Description:

The course will provide the dental student with an understanding of the health management of patients following universal precautions and reducing to the least the probability of cross-contamination or exposure to any infectious disease or health hazard. The course will introduce the occupational hazards in the dental environment and will provide an understanding of the importance of ergonomics in the dental setting. The student will be introduced to areas such as: equipment selection, facility design, four-handed dentistry, tray set-ups and instrument transfer as key elements to their future as clinicians. The course will provide the students with concepts related to the ethics in the treatment of patients and the legal aspects of federal and state laws related to infection control and risk management.

The methodology of the course includes lectures, discussion, use of audiovisuals aids, presentation of topics by students, projects performed by students and "hand-on" exercises in the clinical setting.

Sophomore Year

Course Title: Development of the Orofacial Complex (EVDI 7245)

Contact Hours: 16 Hrs.

Course Description:

This course is designed to provide the sophomore dental student with basic knowledge in physical growth and development of the craniofacial complex. This field constitutes essential knowledge for the practice of Dentistry specially in the areas of Orthodontics and Pedodontics. The course includes lectures and discussion of topics from recent scientific literature.

Course Title: Oral Pathology (EVDI 7255)

Contact Hours: 28 Hrs.

Course Description:

Though lectures and group discussion of individually assigned subjects, clinical and microscopic documentation of oral disease are analyzed. It includes oral manifestation of systemic disease in the following categories: (1) disturbances in development and growth, including neoplasia; (2) diseases of microbial origin, including dental caries; (3) injuries and repair; (4) disturbances in metabolism, including nutrition; and (5) diseases of specific systems, such as bones and joints, blood and blood-forming organs, periodontium, skin, nerves, and muscles.

Course Title: Oral Diagnosis and Treatment Planning (EVDI 7265)

Contact Hours: 57 Hrs.

Course Description:

This is an integrated course with the participation of faculty from the Restorative and Surgical Sciences Departments. Concepts will be presented by means of distance learning, lectures and seminars. These concepts include extra and intraoral examinations, charting, records and diagnostic aids. Theory and practice in the development of a treatment plan will be given by means of lectures and seminars.

Course Title : Assessment and Diagnosis of the Child and Adolescent (EVDI 7275)

Contact Hours : 27 Hrs.

Course Description:

This is a lecture, discussion, and laboratory integrated course with the participation of faculty from the Orthodontics and Pediatric Dentistry Sections focused on the evaluation and diagnosis of the child and adolescent patient. The concept of parental consent, history taking, orofacial exam, habits, etiology of malocclusion, radiology and caries assessment in children as well as detection and report of signs of abuse and neglect will be presented.

Course Title: *Treatment for the Child and Adolescent (PRET 7216)*

Contact Hours: 79 Hrs.

Course Description:

This is an integrated course involving faculty from the sections of pediatric dentistry and orthodontics which includes by lectures, demonstration and laboratory exercises. It encompasses all contemporary concepts in managing the oral health of children and adolescents. The course begins during the last months of the sophomore year and extends through the first semester to adequately bridge the gap between pre-clinical and clinical levels.

Course Title: *Removable Prosthodontics (PRET 7246)*

Contact Hours: 253 Hrs.

Course Description:

This lecture and laboratory preclinical course provides dental students with the knowledge of the clinical and the laboratory procedures necessary to be able to construct removable complete and partial dentures. The teaching material is presented in a sequential and integrated manner combining and relating it to other laboratory and clinical procedures which are pertinent in Removable Prosthodontics. Preventive techniques in design couple with sound biomechanical principles in the construction of RPD are stressed in this course. Students are also required to do independent study to expand their knowledge and to correlate the laboratory with the clinical environment.

Course Title: *Periodontics (PRET 7257)*

Contact Hours: 55 Hrs.

Course Description:

This is a lecture and discussion course which present students the general concepts of the theoretical basis of periodontal practice and the science and art of the surgical procedures. During the course the student will be able to integrate the philosophy of comprehensive treatment of various periodontal, dental restorative, endodontic, orthodontic, prosthodontic, and medical measures that are necessary to treat periodontal problems. They should have the capability and flexibility of formulating plans to suit the physical, psychological, and financial needs of the individual patient.

Course Title: *Oral Surgery (PRET 7266)*

Contact Hours: 24 Hrs.

Course Description:

Through lectures and group discussion is expected that students will learn the basic principles of undergraduate oral surgery. The student is introduced to the subject

in a progressive sequence, from the first meeting with the patient to the removal of teeth. Problems and complications related to the patient are presented.

Course Title: Fixed Prosthodontics (PRET 7276)

Contact Hours: 250 Hrs.

Course Description:

This course through lectures, discussion, laboratory, and clinical practice presents the principles of fundamentals in Fixed Prosthodontics. All basic crown and fixed prosthodontics dental preparations and restoration techniques are discussed, studied, demonstrated and done in order to prepare the student for an optimal clinical performance in the comprehensive treatment of dental patients. The mechanical, biological and dental material considerations related to fixed prosthodontics will be emphasized based on the concept that a dental restoration is a biological necessity.

Course Title : Apprehension and Pain Control (PRET 7286)

Contact Hours: 22 Hrs.

Course Description:

Though lectures, discussion, and clinical demonstrations, students are introduced in the application of the psychological and chemical modalities for the prevention and treatment of pre-operative and post-operative patient apprehension and pain control.

Course Title: Endodontics (PRET 7296)

Contact Hours: 76 Hrs.

Course Description:

This course for dental sophomore students consists of a series of lectures, seminars, demonstrations, and laboratory exercises related to the prevention and treatment of pulpal and periapical diseases. The rationale and armamentarium for conventional root canal therapy, vital pulp therapy, apexification, management of pulpal disorders of traumatic origin and endodontic surgical procedures are discussed in this course. Laboratory includes exercises to perform conventional root canal therapy in acrylic teeth. This course is required for the Endodontics Clinical Rotations and the Comprehensive Care Clinic.

Course Title: Evaluation of Scientific Literature and Epidemiology (DESP 7237)

Contact Hours: 20 Hrs.

Course Description:

The purpose of this course for the dental students is to develop the basic skills necessary to interpret scientific literature. The course topics are presented through three general components: Research Design, Biostatistics, and Epidemiology. Instructional methodologies used are lectures, exercises and group discussions.

Course Title: Introduction to Community Dentistry (DESP 7247)

Contact Hours: 20 Hrs.

Course Description:

This course offers the students the opportunity to analyze the community concept as the focus of attention and analysis for health care. It presents Public Health as an integral model for the interpretation of health concepts and health priorities in the community. In addition, team work is emphasized as essential in community health problem-solution oriented strategies.

Junior Year

Course Title: Periodontics Clinical Rotation (PRET 7308)

Contact Hours: 64 Hrs.

Course Description

This course will comprise 64 student/patient contact hours, divided in 23 clinical rotations during the Junior year. During the course the students will be able to integrate into a philosophy of comprehensive treatment the various periodontal, dental, restorative, endodontic, orthodontic, prosthodontic, and medical measures that are necessary to treat periodontal conditions. They will develop the capability and flexibility of formulating plans to suit the physical, psychological, and financial needs of the individual patient. In addition, they provide the initial phase of treatment that will include prophylaxis and oral hygiene instructions with four quadrants of scaling and root planning and a periodontal reevaluation to two periodontal patients.

Course Title: Dental Care for the Special Patient (PRET 7316)

Contact Hours: 28 Hrs.

Course Description

In the treatment for the special patients the dentist faces many features different from the normal. It is important to understand the basic differences from the normal in order to provide a comprehensive care to this population. This course is designed to provide the undergraduate dental student the basic theoretical knowledge necessary as background for the dental care of the disable patient. It consists of lectures and discussion sessions on topics related to various physical, mental and emotional handicapping conditions.

Course Title: Endodontics Clinical Rotation (PRET 7318)

Contact Hours: 47 Hrs.

Course Description

This course is designed to provide the students with enough patient experience for the development of clinical competence in the field of Endodontics. The clinical experience will substantiate the background of theoretical Endodontics especially in the treatment of pathological pulpal and periapical problems.

Course Title: Review for the National Board Dental Examination Part II (PRET 7326)

Contact Hours: 54 Hrs.

Course Description

This is a review course to prepare students for the National Board Dental Examination Part II. Short lectures on the topics covered in the examination, discussion of board type questions and practice exams will be provided. At the end of the course a practice test will be administered.

Course Title: Pediatric Dentistry Clinical Rotation (PRET 7328)

Contact Hours: 55 Hrs.

Course Description

This is a clinical course in which the students will apply the knowledge and will continue developing skills and techniques regarding dentistry for the child and adolescent patient presented to him during the sophomore didactic course.

During this junior year each student will rotate through the pre-doctoral Pediatric Dental Clinic as outlined on the clinical rotations schedule. Two new cases and one recall patient will be assigned by means of the course coordinator.

Course Title: Advanced Oral Surgery (PRET 7336)

Contact Hours: 20 Hrs.

Course Description

This course is a continuation of Oral Surgery course and covers subjects which are more advanced and complicated from the standpoint of oral and maxillofacial surgery; diagnosis and surgical procedures. The junior students are exposed to the special considerations that should be taken in the diagnosis, management and treatment of oral and maxillofacial pathology, trauma, TMJ/TMD, dentofacial deformities and pre-prosthetic surgery. Lectures, case presentations, and discussions are used as the main teaching method. This course is complemented by the clinical experiences in the oral and maxillofacial surgery clinic at the School of Dentistry and the University of Puerto Rico District Hospital rotation.

Course Title: Orthodontic Clinical Rotation (PRET 7338)

Contact Hours: 60 Hrs.

Course Description

This course will provide the student with a series of clinical experiences, that will give them the opportunity to apply the basic knowledge and skills acquired during the pre-clinical orthodontic training. This course is intended to give the student the opportunity to develop optimal performance in diagnostic and clinical skills in the prevention, interception, and correction of carefully selected malocclusions in the primary and mixed dentitions.

Course Title: Clinical Occlusion and TMD Management (PRET 7346)

Contact Hours: 20 Hrs.

Course Description

This course will be concerned with basic anatomy and physiology of the stomatognathic system and methods of examining the patient in pain and dysfunction. The format will utilize a combination of lecture and discussion. Procedures for diagnosing temporomandibular joints, occlusal, mandibular muscle, vascular and cranial nerve pathology or dysfunction will be outlined. Different types of temporomandibular joints internal derangement and arthritis will be described and methods of diagnosing them will be presented. The method for solving occlusal problems case will be illustrated.

Course Title: Preventive Dentistry Clinical Rotation (PRET 7348)

Contact Hours: 40 Hrs.

Course Description

This is a clinical course where the student exposes the patients to the primary preventive procedures they need and are available today, in the control of caries and periodontal disease. Students are expected to apply all the preventive methods and procedures learned in prior preventive dentistry courses.

Course Title: Medical Emergencies (PRET 7356)

Contact Hours: 16 Hrs.

Course Description

The increase in life expectancy of the population through modern medicine, brings a greater number of medically ill patients to the dental office. It is the responsibility of our profession to provide total dental care for these medically ill patients, to assure optimum oral health, so essential for them. To obtain this, the dentist should have a thorough understanding of the condition the patient has, the rationale of the medical treatment the patient is in, the path physiology involved, the pharmacology applied, and possible emergencies that may arise and its prevention and management under a

common dental office condition. This is something that cannot be delegated to the most sophisticated specialist and we have to qualify the dental student during his years in dental school to do so.

Course Title: Operative Dentistry Rotation (PRET 7358)

Contact Hours: 86 Hrs.

Course Description

The courses provide the third year student with the initial clinical experiences in operative dentistry necessary for the development of the competencies expected of graduates. The students will apply and integrate the knowledge acquired in the pre-clinical courses while performing operative procedures with patients in a clinical setting. The course has duration of one year and is required for the promotion of the student to the senior year comprehensive care clinic. During year the student will perform clinical activities in clinical rotations.

Course Title: Implant Dentistry (PRET 7366)

Contact Hours: 12 Hrs.

Course Description

This course is an introduction to dental implantology as a treatment modality in the management of partial or total edentulism. A main aspect of this course is the integration of basic sciences and clinical disciplines in order to present a clear view of the scientific basis of successful treatment with dental implants. It covers the biological and biomechanical principles for successful treatment with osseointegrated implants. It also includes the surgical protocol used for the successful and predictable insertion of dental implants, the evaluation and selection of patients, and treatment planning when considering patients for prosthetic treatment with dental implants. Treatment options, limitations and possible complications when treating patients with dental implants are also presented in the course. Finally, maintenance of patients with prosthetic treatment over dental implants is also presented. This content is presented through lectures with digital audiovisual aids; case presentation and discussions with study models, X Rays and photos; and live demonstrations and hands on in the oral and maxillofacial surgery clinic, prosthetic clinic and dental laboratory at the School of Dentistry.

Course Title: Fixed Prosthodontics Clinical Rotation (PRET 7368)

Contact Hours: 60 Hrs.

Course Description

The 3rd year clinical course in fixed partial prosthodontics is designed to provide the junior dental student the clinical experience which will qualify him/her to proficiently select, perform and explain the psychomotor, bio-mechanics and analytical procedures

used in this discipline. Emphasis is given to the consideration of the patient as a whole in which optimum oral health is attained and maintained. The junior year student is expected to apply the biological and bio-mechanical principles learned in the preclinical years and should be able to harmonize theory and practice in actual clinical experience. During the course the student will expand and enrich his/her professional competencies, so approval of all preclinical courses is a prerequisite.

Course Title: Geriatric Dentistry (PRET 7376)

Contact Hours: 12 Hrs.

Course Description

This course offers the student knowledge, skills and values required for the provision of oral health care to older adults; adults who are affected by physical, social, psychological, physiological and/or biological changes associated with aging, with or without concomitant disease. Depending upon the degree of impairment, older adults may be classified as functionally independent, frail, or functionally dependent. The course is conducted through lectures, discussion and case presentations.

Course Title: Oral Radiology Clinical Rotation (PRET 7378)

Contact Hours: 39 Hrs.

Course Description

This course is designed to provide the students with enough patient experience for the development of clinical competence in the field of Oral Radiology. The clinical experience will substantiate the background of theoretical Oral radiology especially in the identification of normal and abnormal structures.

Course Title: Oral Surgery Clinical Rotation (PRET 7386)

Contact Hours: 49 Hrs.

Course Description

This course is designed to provide the students with enough patient experience for the development of clinical competence in the field of Oral Surgery. The clinical experience will substantiate the background of theoretical Oral Surgery especially in the treatment of simple and complicated extractions and pre-prosthetic surgery. This course is required for the Comprehensive Care Clinic.

Course Title: *Removable Prosthodontics Clinical Rotation (PRET 7388)*

Contact Hours: 90 Hrs.

Course Description

This clinical course is designed to provide the junior dental students the opportunity to develop proficiency in their analytic and psychomotor skills in the treatment of patients needing removable complete and partial dentures. Students are encouraged to integrate the theory and practice learned in the preclinical years with this clinical experience. The importance of holistic approach to treatment, in which optimum oral health is attained and maintained, is emphasized. The patients are selected from a general pool generated by the screening of the Diagnostic Department and accepted by the Removable Prosthodontics faculty. This clinic works in close relations, when necessary, to assure that all aspects of patient treatment are considered.

Course Title: *Oral Diagnosis Clinical Rotation (PRET 7396)*

Contact Hours: 69 Hrs.

Course Description

This course is designed to provide the students with enough patient experience for the development of clinical competence in the field of Oral Diagnosis and the development of a treatment plan. The student will examine, gather, record, and evaluate information that contributes to the identification of abnormalities of the head and neck region that relates to the total health of the patient. The purpose of this information is to establish a diagnosis to formulate a rational treatment plan.

Course Title: *Professional Development III (DESP 7357)*

Contact Hours: 60 Hrs.

Course Description

This course has two components. The first part is concerned with the discussion and analysis of those Laws which govern the dentist's professional relationship with the Commonwealth of Puerto Rico, with the patient, and with colleagues. It also introduces the dental student to a series of ethical issues within dentistry and provides the opportunity to apply ethical principles to clinical situations. The second part of the course provides the necessary knowledge and skills to promote effective management of a dental practice. It will develop in the dental student the basic skills to relate effectively with peers, staff and patients; to apply the principles of management and to develop strategies to establish and maintain a dental practice.