DENTAL HYGIENE

Mission
The mission of the University of the Pacific Baccalaureate Dental Hygiene program is consistent with the mission and educational goals of the dental school.

The dental hygiene program will:

• Educate individuals who, upon completion of the program, will be professionally competent to provide quality dental hygiene care in an evolving profession
• Provide patient-centered, quality care in an efficient clinical model that demonstrates the highest standards of service achievable
• Provide opportunities for community-based, experiential learning

The program and its graduates will be distinguished by the following attributes:

• Continuous enhancement through professional development
• Humanistic values that respect the dignity of each individual and foster the potential for growth in all of us
• Application of theory and data for continuous improvement
• Leadership in addressing the challenges facing the profession of dental hygiene, education, and our communities

The Study of Dental Hygiene
The dental hygiene course of study is a professional program where students learn to provide preventive clinical care for patients with emphasis on recognition, treatment, and prevention of oral diseases. In addition to performing a variety of preventive and therapeutic functions, the dental hygienist also has a major role in counseling and educating patients, community groups, and other health professionals. The curriculum helps students build the educational, communication, and clinical skills necessary to work in co-therapy with the dental team.

Admission Requirements
Admission to the Dental Hygiene Program is competitive and based on merit. Students may apply either as a freshman student, doing prerequisite coursework at Pacific, or as a transfer student, completing prerequisites at another institution. After review of the completed application, the Office of Admissions will invite qualified candidates to participate in interviews on campus. In addition to a personal interview, applicants are invited to take part in orientation and financial aid seminars, meet informally with current students, and tour the campus. Admission will be based on the combination of application information and interview.

Please click here (http://www.pacific.edu/Admission/Undergraduate/Applying/Dental-Hygiene.html) to see detailed admissions information.

Recommended Courses

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<th>Course</th>
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<td>English</td>
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<td>Fine Arts/Performing Arts</td>
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<td>Foreign Language (one)</td>
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<td>Social Science</td>
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<tr>
<td>Mathematics*</td>
<td>4</td>
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<td>Laboratory Sciences**</td>
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Academic Electives*** 1

• Suggested math sequence for science majors (including dental hygiene): algebra, geometry, algebra II, trigonometry or calculus.
** Physics, biology and chemistry are recommended for dental hygiene applicants.
*** Academic elective courses should be advanced foreign languages, mathematics, laboratory science or other solid college preparatory courses.

GPA: Special emphasis is placed on coursework selected, the grades achieved in those courses, and the cumulative grade point average.

SAT or ACT Exams: The Admissions Committee reviews the results of the student’s SAT or ACT scores.

Essay: An essay may be required of University applicants.

Recommendation: One academic recommendation on official letterhead is required. It should be from a science instructor, counselor or advisor. Additional letters of evaluation from health care professionals are recommended.

Dental Experience: Job shadowing, employment or dental office observation are expected so that the applicant is familiar with the role of the practicing dental hygienist.

Extracurricular Activities: Other factors considered (but not required) in selecting the class include community service and involvement and volunteer activities.

Transfer Student Application:
Transfer application deadline for entry into the program is August 1 for the following spring semester. Applicants are notified by December 1. SAT or ACT exam scores are NOT required.

Sixty-four units of lower division college courses that are Pacific transferable and include the following prerequisites or equivalents are required:

• General Biology and lab (2 semesters or 3 quarters) must articulate to Pacific /BIOL 061
• General Chemistry and lab (2 semesters or 3 quarters) must articulate to Pacific CHEM 025/CHEM 027
• Microbiology (minimum of one 3 unit semester course or one 4 unit quarter class). The course may articulate to Pacific BIOL 145 but other microbiology courses are accepted.
• General (Introductory) Psychology (minimum of one 3 unit semester course or one 4 unit quarter class) must articulate to Pacific PSYC 031
• Introductory Sociology (minimum of one 3 unit semester course or one 4 unit quarter class) must articulate to Pacific SOCI 051
• Mathematics (statistics) (minimum of one 3 unit semester course or one 4 unit quarter class) must articulate to Pacific MATH 035 or MATH 037
• English Composition (minimum of one 3 unit semester course or one 4 unit quarter class) must articulate to Pacific ENGL 025
• Communication (Speech) (minimum of one 3 unit semester course or one 4 unit quarter class) must articulate to Pacific COMM 027
• Anatomy and Physiology (one semester or 2 quarters) must articulate to Pacific BIOL 111
• Organic Chemistry (one semester or 1 quarter/ no lab required). The course may articulate to Pacific CHEM 033 or but other courses are acceptable.
• One course that must articulate with Pacific General Education Category I–C Societies and Cultures Outside the United States
• One course that must articulate with Pacific General Education Category II–B Fundamental Concerns
• One course that must articulate with Pacific General Education Category II–C Practice and Perspectives in the Visual and Performing Arts or another II–B

Health Requirements:
Prior to entry into the professional portion of the program (final 4 semesters), health requirements must be met and documentation submitted to the University's Cowell Wellness Center as follows:

• Medical Examination: Following acceptance for admission, students submit the University's “Entrance History and Physical,” form signed by a physician which confirms that a medical examination was completed within 3 months of the date of matriculation into the professional portion of the Dental Hygiene program.
• Measles, Rubella (German Measles), and Mumps: Students provide documentation of presence of positive titres. Documented vaccination with two dose series MMR given one month apart with live attenuated measles and rubella virus is adequate. A history of measles and rubella as childhood diseases is not sufficient.
• Tuberculosis: Students submit the report of a two-step PPD tuberculosis skin test done within 3 months of entering professional program. With a history of tuberculosis OR a positive skin test, students submit the physician's report of a chest X-ray taken within the year prior to matriculation. Chest X-rays may be required at intervals, and suppressive medication may be recommended.
• Hepatitis B: Every student is required to submit documented proof of presence of antibodies to the Hepatitis B virus or to complete the Hepatitis B three-dose vaccination series and Hepatitis B antigen test at least one month after completion of series. It is recommended that this be done prior to matriculation; in all cases, however, it must be done before a student is allowed to treat patients which occurs in the first month of the program. If a student does not have documented proof of having antibodies to this virus, the vaccination series is available at the school for a fee.
• Tetanus Diphtheria Vaccination is required within past 10 years.
• Varivax (Chicken Pox) Students provide documentation of 2 dose vaccination series or presence of titer if history of having chicken pox.

Inquiries about health requirements and supporting documentation are handled through the University’s Cowell Wellness Center (209) 946-2315.

Program Description
The bachelor of science degree in dental hygiene is a professional program presented in an accelerated year-round format of eight semesters including summer sessions. Students accepted into the program as freshmen complete all sessions with the University. Transfer level program entrants, with prerequisites fulfilled, complete the final four semesters of professional coursework only.

Program applicants must complete prerequisite general education courses either at Pacific or another institution to provide a strong science background, and a broad base in the humanities. The prerequisites are designed to strengthen dental hygiene science and clinical practice. Students undertake this portion of their course work, in the College of the Pacific, with the general undergraduate student population on the main campus. The student must maintain a 2.7 GPA or better in lower division coursework to be considered for the professional portion of the program.

The professional portion of the program is a highly structured four consecutive semesters of upper division coursework that includes both didactic and clinical experience. This portion of the program is presented by the Arthur A. Dugoni School of Dentistry Dental Hygiene Program on the Stockton campus until January 2017, when it will then be offered on the San Francisco campus.

Dental Hygiene Licensure
Completion of the program enables graduates to take national and regional or state licensure examinations. For California examination information contact:

Dental Hygiene Committee of California
2005 Evergreen Street., Suite 1050
Sacramento, CA 95815
http://www.dhcc.ca.gov/
(916) 263-1978 or (916) 263-1978

Degree Requirements
General Education Curriculum
First Year
Semester 1
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Total Unit: 67

Dental Hygiene Curriculum
DHYG 110 Oral Health Education 1
DHYG 110. Oral Health Education. 1 Unit.
Students are introduced to principles and practices of prevention and control of dental disease. The course emphasizes oral health promotion, to include plaque control, patient education and behavior modification.

DHYG 111. Head and Neck Anatomy. 2 Units.
This course is designed to expand student knowledge of the anatomical structures of the head and neck. Students examine clinical correlations relevant for dental professionals.

DHYG 112. Dental Anatomy. 2 Units.
Students study dental terminology, tooth morphology and the relationship of teeth in form and function to each other and to supporting structures. Root morphology, hard tissue charting, occlusion and dental anomalies correlated to basic clinical applications.

DHYG 113. Oral Radiology Lecture. 1 Unit.
This course is designed to examine the fundamentals of dental radiography. Topics include history, principles, legal considerations, and radiation safety. Clinical applications include exposure technique, film processing, preparing and interpreting dental radiographs. Students learn how to correct technical errors.

DHYG 114. Oral Histology and Embryology. 2 Units.
This course offers lectures, clinical examples, classroom discussions and slide materials designed to help students develop a knowledge of oral histology and embryology that is applied to the clinical practice of dental hygiene.

DHYG 115. Dental Hygiene Practice. 3 Units.
Students are introduced to the contemporary role of the dental hygienist, the evolving profession of dental hygiene, and procedures and techniques that are utilized in the dental hygiene process of care. Emphasis is placed on development of a comprehensive medical and dental database and history, diagnostic tools, oral cancer examination, clinical systems and protocol, infection control, basic instrumentation and polishing, and patient communication.

DHYG 116. Pre-Clinical Dental Hygiene. 3 Units.
Clinical applications of the concepts delivered in DHYG 113 take place during the laboratory experience. Content includes radiographic exposure technique, film processing, preparing and interpreting film and digital radiographs, and correcting of technical errors.

DHYG 117. Local Anesthesia/Pain Management. 1 Unit.
Clinical applications of the concepts delivered in DHYG 113 take place during the laboratory experience. Content includes radiographic exposure technique, film processing, preparing and interpreting film and digital radiographs, and correcting of technical errors.

DHYG 118. Oral Radiology Lab. 1 Unit.
Clinical applications of the concepts delivered in DHYG 113 take place during the laboratory experience. Content includes radiographic exposure technique, film processing, preparing and interpreting film and digital radiographs, and correcting of technical errors.

DHYG 119. Oral Pathology. 1 Unit.
Clinical applications of the concepts delivered in DHYG 113 take place during the laboratory experience. Content includes radiographic exposure technique, film processing, preparing and interpreting film and digital radiographs, and correcting of technical errors.

DHYG 120A. Periodontics I. 0.25 Units.
Students are introduced to periodontology. Emphasis is placed on etiology, histology and epidemiology, diagnosis and classification of periodontal disease. Principles of periodontal disease preventive therapy, treatment planning, reassessment and supportive periodontal therapy are also introduced. Students learn under which circumstances referral to periodontal specialty practices is appropriate. Prerequisite: Admission to the Baccalaureate Dental Hygiene program.

DHYG 120B. Periodontics I. 0.25 Units.
Students are introduced to periodontology. Emphasis is placed on etiology, histology and epidemiology, diagnosis and classification of periodontal disease. Principles of periodontal disease preventive therapy, treatment planning, reassessment and supportive periodontal therapy are also introduced. Students learn under which circumstances referral to periodontal specialty practices is appropriate. Prerequisite: DHYG 120A.

DHYG 120C. Periodontics I. 0.25 Units.
Students are introduced to periodontology. Emphasis is placed on etiology, histology and epidemiology, diagnosis and classification of periodontal disease. Principles of periodontal disease preventive therapy, treatment planning, reassessment and supportive periodontal therapy are also introduced. Students learn under which circumstances referral to periodontal specialty practices is appropriate. Prerequisite: DHYG 120A.
DHYG 120D. Periodontics I. 0.25 Units.
Students are introduced to periodontology. Emphasis is placed on etiology, histology and epidemiology, diagnosis and classification of periodontal disease. Principles of periodontal disease preventive therapy, treatment planning, reassessment and supportive periodontal therapy are also introduced. Students learn under which circumstances referral to periodontal specialty practices is appropriate. Prerequisite: DHYG 120C.

DHYG 121A. Pharmacology. 1 Unit.
This course is designed to classify and study therapeutic agents commonly encountered and/or utilized in the practice of dentistry. Students learn chemical and physical properties, therapeutic effects, methods of administration, dosage, contraindications and side effects of these agents.

DHYG 121B. Pharmacology. 1 Unit.
This course is designed to classify and study therapeutic agents commonly encountered and/or utilized in the practice of dentistry. Students learn chemical and physical properties, therapeutic effects, methods of administration, dosage, contraindications and side effects of these agents. Prerequisite: DHYG 121A.

DHYG 121C. Pharmacology. 1 Unit.
This course is designed to classify and study therapeutic agents commonly encountered and/or utilized in the practice of dentistry. Students learn chemical and physical properties, therapeutic effects, methods of administration, dosage, contraindications and side effects of these agents. Prerequisite: DHYG 121A.

DHYG 122A. Oral Pathology. 1 Unit.
Students study the etiology, pathogenesis, clinical and histogenic features of oral diseases. Students learn to recognize basic tissue and reaction and lesions that occur in the mouth, jaws, and neck and to formulate differential diagnosis of lesions seen in the practice of dentistry.

DHYG 122B. Oral Pathology. 1 Unit.
Students study the etiology, pathogenesis, clinical and histogenic features of oral diseases. Students learn to recognize basic tissue and reaction and lesions that occur in the mouth, jaws, and neck and to formulate differential diagnosis of lesions seen in the practice of dentistry. Prerequisite: DHYG 122A.

DHYG 122C. Oral Pathology. 1 Unit.
Students study the etiology, pathogenesis, clinical and histogenic features of oral diseases. Students learn to recognize basic tissue and reaction and lesions that occur in the mouth, jaws, and neck and to formulate differential diagnosis of lesions seen in the practice of dentistry. Prerequisite: DHYG 122A.

DHYG 123A. Medical and Dental Emergencies I. 0.5 Units.
Students learn basic methods of medical and dental emergency prevention and management in the dental office. Emphasis is on recognizing signs, symptoms, and treatment of the more common emergencies which may occur in the dental setting. Drugs and equipment that are utilized in the management of medical emergencies are outlined. Students are trained in Basic Life Support Systems (BLS). Prerequisite: DHYG 123A.

DHYG 123B. Medical and Dental Emergencies I. 0.5 Units.
Students learn basic methods of medical and dental emergency prevention and management in the dental office. Emphasis is on recognizing signs, symptoms, and treatment of the more common emergencies which may occur in the dental setting. Drugs and equipment that are utilized in the management of medical emergencies are outlined. Students are trained in Basic Life Support Systems (BLS). Prerequisite: DHYG 123A.

DHYG 124A. Local Anesthesia/Pain Management. .66 Units.
Students examine comprehensive information and skills that provide comfortable dental treatment. Local anesthesia and nitrous oxide-oxygen administration are explained and practiced.

DHYG 124B. Local Anesthesia/Pain Management. .67 Units.
Students examine comprehensive information and skills that provide comfortable dental treatment. Local anesthesia and nitrous oxide-oxygen administration are explained and practiced. Prerequisite: DHYG 124A.

DHYG 124C. Local Anesthesia/Pain Management. .67 Units.
Students examine comprehensive information and skills that provide comfortable dental treatment. Local anesthesia and nitrous oxide-oxygen administration are explained and practiced. Prerequisite: DHYG 124B.

DHYG 125A. Dental Hygiene Practice I. .66 Units.
This lecture/lab course is designed to provide students lecture and lab experience in the dental hygiene process of care for child, adolescent, adult and geriatric patients. Promotion of oral health and wellness is stressed through lecture and case studies. The principles, rationale and application of sealants and glass ionomers, area specific cures, advanced fulcrums, piezo and magnetostriective ultrasonic scaling, air-powder polishing and desensitizing products are discussed as well as cariolog and fluoride delivery options. Skills learned are implemented in the clinical courses: DHYG 126A, DHYG 126B and DHYG 126C.

DHYG 125B. Dental Hygiene Practice I. .67 Units.
This lecture/lab course is designed to provide students lecture and lab experience in the dental hygiene process of care for child, adolescent, adult and geriatric patients. Promotion of oral health and wellness is stressed through lecture and case studies. The principles, rationale and application of sealants and glass ionomers, area specific cures, advanced fulcrums, piezo and magnetostriective ultrasonic scaling, air-powder polishing and desensitizing products are discussed as well as cariolog and fluoride delivery options. Skills learned are implemented in the clinical courses: DHYG 126A, DHYG 126B and DHYG 126C. Prerequisite: DHYG 125A.

DHYG 125C. Dental Hygiene Practice I. .67 Units.
This lecture/lab course is designed to provide students lecture and lab experience in the dental hygiene process of care for child, adolescent, adult and geriatric patients. Promotion of oral health and wellness is stressed through lecture and case studies. The principles, rationale and application of sealants and glass ionomers, area specific cures, advanced fulcrums, piezo and magnetostriective ultrasonic scaling, air-powder polishing and desensitizing products are discussed as well as cariolog and fluoride delivery options. Skills learned are implemented in the clinical courses: DHYG 126A, DHYG 126B and DHYG 126C. Prerequisite: DHYG 125A.

DHYG 125D. Dental Hygiene Practice I. .67 Units.
This lecture/lab course is designed to provide students lecture and lab experience in the dental hygiene process of care for child, adolescent, adult and geriatric patients. Promotion of oral health and wellness is stressed through lecture and case studies. The principles, rationale and application of sealants and glass ionomers, area specific cures, advanced fulcrums, piezo and magnetostriective ultrasonic scaling, air-powder polishing and desensitizing products are discussed as well as cariolog and fluoride delivery options. Skills learned are implemented in the clinical courses: DHYG 126A, DHYG 126B and DHYG 126C. Prerequisite: DHYG 125A.

DHYG 125E. Dental Hygiene Clinical Practice I. 1.3 Unit.
This clinic course is designed to provide students beginning clinical experience in the treatment of child, adolescent, adult, and geriatric patients. Promotion of oral health and wellness is stressed through clinical experiences: patient assessment, dental hygiene care treatment planning, case presentation and implementation and evaluation of treatment outcomes. The principles, rationale and application of sealants and glass ionomers, the use of ultrasonic scaling, area specific cures, advanced fulcrums, desensitizing products and other treatment modalities are implemented. Carioleg considerations and additional fluoride delivery options are also discussed and implemented for patient care. Students integrate knowledge and skills developed in previous courses. Pertains to DHYG 126A, DHYG 126B, and DHYG 126C which implements the information learned in the concurrent courses: DHYG 125A, DHYG 125B and DHYG 125C.
DHYG 126B. Dental Hygiene Clinical Practice I. 1.3 Unit.
This course is designed to provide students beginning clinical experience in the treatment of child, adolescent, adult, and geriatric patients. Promotion of oral health and wellness is stressed through clinical experiences in: patient assessment, dental hygiene care treatment planning, case presentation and implementation and evaluation of treatment outcomes. The principles, rationale and application of sealants and glass ionomers, the use of ultrasonic scaling, area specific curets, advanced fulcraums, desensitizing products and other treatment modalities are implemented. Cariology considerations and additional fluoride delivery options are also discussed and implemented for patient care. Students integrate knowledge and skills developed in previous courses. Pertains to DHYG 126A, DHYG 126B, and DHYG 126C which implements the information learned in the concurrent courses: DHYG 125A, DHYG 125B and DHYG 125C. Prerequisite: DHYG 126A.

DHYG 126C. Dental Hygiene Clinical Practice I. 1.4 Unit.
This clinic course is designed to provide students beginning clinical experience in the treatment of child, adolescent, adult, and geriatric patients. Promotion of oral health and wellness is stressed through clinical experiences in: patient assessment, dental hygiene care treatment planning, case presentation and implementation and evaluation of treatment outcomes. The principles, rationale and application of sealants and glass ionomers, the use of ultrasonic scaling, area specific curets, advanced fulcraums, desensitizing products and other treatment modalities are implemented. Cariology considerations and additional fluoride delivery options are also discussed and implemented for patient care. Students integrate knowledge and skills developed in previous courses. Pertains to DHYG 126A, DHYG 126B, and DHYG 126C which implements the information learned in the concurrent courses: DHYG 125A, DHYG 125B and DHYG 125C. Prerequisite: DHYG 126B.

DHYG 130A. Periodontics II. 0.5 Units.
This course is designed to enable students to enhance and develop knowledge and skills applicable in the treatment of patients with advanced periodontal disease. Concepts and treatment techniques of surgical and non-surgical periodontal therapy are stressed.

DHYG 130B. Periodontics II. 0.5 Units.
This course is designed to enable students to enhance and develop knowledge and skills applicable in the treatment of patients with advanced periodontal disease. Concepts and treatment techniques of surgical and non-surgical periodontal therapy are stressed. Prerequisite: DHYG 130A.

DHYG 131A. Community Oral Health and Research. 1.3 Unit.
This course is designed to enable students to examine the principles and practices of oral health in diverse public health settings. Emphasis is placed on the role of the dental hygienist as an innovator and educator in community dental health programs with consideration to needs assessment, research study utilization, biostatistic application, program planning, and results evaluation. The social and professional responsibility of the dental professional with regard to public promotion of oral health and access to care is examined. Students design and implement a community-based research project that culminates in a class presentation and may be submitted in to the professional association's table clinic competition. Prerequisite: DHYG 131A.

DHYG 131B. Community Oral Health and Research. 1.3 Unit.
This course is designed to enable students to examine the principles and practices of oral health in diverse public health settings. Emphasis is placed on the role of the dental hygienist as an innovator and educator in community dental health programs with consideration to needs assessment, research study utilization, biostatistic application, program planning, and results evaluation. The social and professional responsibility of the dental professional with regard to public promotion of oral health and access to care is examined. Students design and implement a community-based research project that culminates in a class presentation and may be submitted in to the professional association's table clinic competition. Prerequisite: DHYG 131A.

DHYG 132A. Patient Management/Special Needs. 1 Unit.
This course is designed to enlighten the viewer to the world of people with special needs, the issues they face, the programs in place to help them, and dental treatment modalities.

DHYG 132B. Patient Management/Special Needs. 1 Unit.
This course is designed to enlighten the viewer to the world of people with special needs, the issues they face, the programs in place to help them, and dental treatment modalities. Prerequisite: DHYG 132A.

DHYG 133. Medical and Dental Emergencies II. 1 Unit.
This course provides a continuation of DHYG 123, Medical and Dental Emergencies I. Students review methods of medical and dental emergency prevention and management in the dental office. Emphasis is on recognizing signs, symptoms, and treatment of the more common emergencies which may occur in the dental setting. Drugs and equipment are utilized in the management of medical emergencies are outlined.

DHYG 134. Senior Project I. 3 Units.
This course is designed to provide students the opportunity for supervised practical application of previously studied theory in a variety of settings. Through outside agency affiliation, faculty assistance and mentorship, students choose a specific area of hygiene practice to explore in depth. Prerequisite: Admission into the Baccalaureate Dental Hygiene program.

DHYG 135A. Dental Hygiene Practice II. 1 Unit.
This lecture/ lab/ clinic course is designed to enable students to expand their experience in treatment of the periodontally involved patient. Students refine techniques for patient assessment, treatment planning, patient communication, full mouth scaling, and non-surgical periodontal treatment. Desensitization techniques, and pit and fissure sealants, are introduced. Utilization of radiographs, local anesthesia and nitrous oxide sedation in patient care is further developed. Students integrate knowledge and skills developed all previous course work to-date.
DHYG 135B. Dental Hygiene Practice II. 1 Unit.
This lecture/lab/clinic course is designed to enable students to expand their experience in treatment of the periodontally involved patient. Students refine techniques for patient assessment, treatment planning, patient communication, full mouth scaling, and non-surgical periodontal treatment. Desensitization techniques, and pit and fissure sealants, are introduced. Utilization of radiographs, local anesthesia and nitrous oxide sedation in patient care is further developed. Students integrate knowledge and skills developed all previous course work to-date. Prerequisite: DHYG 135A.

DHYG 136A. Dental Hygiene Clinical Practice II. 3.5 Units.
This lecture/lab/clinic course is designed to enable students to expand their experience in treatment of the periodontally involved patient. Students refine techniques for treatment planning, root planing, and non-surgical periodontal treatment. Desensitization techniques, and pit and tissue sealants, are introduced. Utilization of radiographs, local anesthesia and nitrous oxide sedation in patient care is further developed. Students integrate knowledge and skills developed in all previous course work to-date. Prerequisite: DHYG 136A.

DHYG 136B. Dental Hygiene Clinical Practice II. 3.5 Units.
This lecture/lab/clinic course is designed to enable students to expand their experience in treatment of the periodontally involved patient. Students refine techniques for treatment planning, root planing, and non-surgical periodontal treatment. Desensitization techniques, and pit and tissue sealants, are introduced. Utilization of radiographs, local anesthesia and nitrous oxide sedation in patient care is further developed. Students integrate knowledge and skills developed in all previous course work to-date. Prerequisite: DHYG 136A.

DHYG 141. Dental Materials. 1 Unit.
This course is designed to examine structure and physical properties of dental materials utilized in the practice of dental hygiene. Emphasis on concepts and principles of clinical application.

DHYG 142. Ethics and Jurisprudence. 2 Units.
Students study ethical theories and issues related to the practice of dental hygiene and professionalism. A personal philosophy of professional conduct, continuous quality assurance and self-assessment is explored. Fundamental factors necessary to practice within existing regulatory frameworks are stressed.

DHYG 143. Biochemistry and Nutrition. 2 Units.
Students study basic principles of biochemistry and nutrition related to dentistry. Students complete patient dietary surveys and develop correctional nutritional plans.

DHYG 144. Senior Project II. 4 Units.
This course offers students the opportunity for supervised practical application of previously studied theory in a variety of settings. Through outside program affiliation, faculty assistance, and mentorship, students choose a specific area of dental hygiene practice to explore in depth.

DHYG 145. Dental Hygiene Clinic III. 2 Units.
This course offers advanced clinical experience in performing treatment for a variety of clinical patient cases. Students use local anesthesia, nitrous oxide, oral antimicrobials, and diet analysis. State Board Examination requirements and protocol, are reviewed and simulated through practical exercises. Identification of an appropriate patient for licensure examination is made. Students integrate knowledge and skills developed in all previous course work to-date.

DHYG 146. Dental Hygiene Clinic III. 7 Units.
This course is designed to provide advanced clinical experience in performing treatment for a variety of clinical patient cases. Students use local anesthesia, nitrous oxide, oral antimicrobials, and diet analysis. State Board Examination requirements and protocol, are reviewed and simulated through practical exercises. Identification of an appropriate patient for licensure examination is made. Prerequisite: Admission into the Baccalaureate Dental Hygiene program.