



LSU Health Sciences Center in New Orleans School of Dentistry



LSU HEALTH SCIENCES CENTER IN NEW ORLEANS SCHOOL OF DENTISTRY



Eric J. Hovland, DDS, MEd, MBA, Dean

Appointed to the Deanship: August 30, 1993

Appointed to the Health Sciences Center Faculty: August 30, 1993

Faculty Academic Rank: Professor of Endodontics

Address: LSU School of Dentistry
1100 Florida Avenue
New Orleans, LA 70119

Telephone Number: (504) 619-8500

Website: <http://www.lsusd.lsuhscc.edu>

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Associate Dean for Academic Affairs

PAUL L. FIDEL, PhD
*Associate Dean for Research & Director of
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HISTORY

Dental education has a long history in Louisiana, dating as far back as 1867. The LSUHSC School of Dentistry, established in 1966, followed on the heels of the Loyola University School of Dentistry, Tulane University School of Dentistry, the New Orleans College of Dentistry, and the New Orleans Dental College. LSUSD is the only dental school in the state and has educated 70% of the dentists practicing in Louisiana today.

Dr. Edmund E. Jeansonne, dean of the former Loyola University School of Dentistry, was appointed founding dean of the LSUHSC School of Dentistry. The school enrolled its first class of 30 students on September 3, 1968. The agreement called for Loyola to phase out its school as the new LSUHSC School of Dentistry came into being year by year, and the last class of Loyola-trained dentists graduated in 1971. LSUSD graduated its first class of 27 dentists on June 3, 1972.

The LSUHSC School of Dentistry, located on a 22-acre tract of land on Florida Avenue and the banks of across Bayou St. John across from City Park, was acquired from the federal government. This property had served as a United States Navy housing development during World War II. Some of the 30-frame buildings on the site were renovated to accommodate a 60-student laboratory, a 15-unit clinic, classrooms, and administrative offices for faculty and support personnel. An adjacent barracks was also renovated to house temporarily house the complete Loyola dental library collection that served as the nucleus for development of the LSUSD library.

A grant was obtained from the United States Department of Health, Education, and Welfare to construct a permanent physical plant for the school. Formal dedication of the new school took place on Friday, February 18, 1972. The project cost \$15,500,000, of which \$5,000,000 was state funds. The 22-acre site on which the dental school now sits was named William Pitcher Plaza in honor of a Covington, Louisiana, educator who served as chairman of the LSU Board of Supervisors at the time LSU acquired the site.

The LSUHSC School of Dentistry is fully accredited by the Commission on Dental Accreditation of the American Dental Association. The facility is one of the most advanced in the nation and houses outstanding basic science, preclinical, and clinical facilities.

CHRONOLOGY

Four deans have served the Louisiana State University Health Sciences Center School of Dentistry since its establishment in 1966. The names of the four former deans and the period of deanship follow.

Edmund Engler Jeansonne, DDS (1966-1974)

Allen Anthony Copping, DDS (1974)

Edmund Engler Jeansonne, DDS (1974-1976)

Jack Henry Rayson, DDS (1976-1993)

MISSION STATEMENT

The mission of the Louisiana State University Health Sciences Center School of Dentistry (LSUSD) is to serve the needs of the citizens of the State of Louisiana by

- Educating future general dentists, specialists and allied dental professionals to provide excellent and current health care
- Providing a leadership role in research through investigating new approaches to the prevention and management of disease, developing innovative treatment modalities, expediting the transfer of knowledge for clinical use and enhancing health care delivery
- Providing health care services to the public and disseminating information to the dental community on a local, national and international level

EDUCATIONAL PHILOSOPHY AND OBJECTIVES

In the broadest sense, the mission of the School of Dentistry is to serve as a center for education, research, and service related to oral health. Although its primary obligation is to respond to the needs of the state of Louisiana, it strives to assume a meaningful role at a national and international level. The graduate has demonstrated and is endowed with skill to render intricate and demanding patient care, knowledge of the human organism essential to making sound clinical judgments, and an attitude of service and social responsibility traditionally expected of the health professional. The graduate is prepared to serve as the key member of the oral health care team, and, accordingly, the learning experience includes functioning with dentists, dental hygienists, dental laboratory technologists and dental assistants.

The School offers a variety of academic opportunities for dentists and allied dental professionals. There are programs at the post-doctoral level to develop clinical and basic science educators, highly differentiated researchers, and specialty practitioners. Continuing education opportunities offered by the School of Dentistry serve as an important vehicle to educate practitioners throughout their career, keeping them abreast of the latest and most up-to-date procedures and techniques in the field of dentistry.

Student Aid

LOANS

The School of Dentistry Memorial Student Emergency Loan Fund - Established as a living memorial by faculty and staff of the School and by the dental community of Louisiana, the fund provides for interest-free loans to needy dental students, on a short-term basis, to cover emergency financial needs. Contributions to this fund provide a continual and worthy memorial.

The Carl Baldrige, D.D.S., Endowed Student Loan Fund - Due to the generous donation from the late Dr. Carl Baldrige to the School of Dentistry a dental student loan fund was established through the LSU Health Sciences Center Foundation. Available loans are based on the yearly earnings of the fund. The loan is available to first-year dental students and is awarded according to the priority processing date established by the Financial Aid Office. Loans are based on federal methodology that produces expected family contributions. The amount and number of students depend on yearly projected student costs and the need balance after the student receives Federal Stafford Student Loan money. The loans are interest free and repayable over an 8-year period commencing 6 months after graduation.

SCHOLARSHIPS

Dental

The LSU Health Sciences Center Honors Scholarship - This scholarship is given to the student who earns the highest GPA at the end of the first year, and it continues for the next three years, if the student remains qualified.

The Grace Voigt Scholarship - The late Mrs. Grace Voigt served as director of student affairs from 1968-1992. In her honor the Alumni Association of the LSU School of Dentistry established the scholarship fund through the LSU Health Sciences Center Foundation. The amount of the scholarship derives from the yearly earnings of the Fund. Each year, a rising second-, third-, and fourth-year dental student who exhibits outstanding leadership, character, concern for fellow students and patients, and dedication to dentistry each receives this scholarship.

The Hotel Dieu Medical & Dental Staff Scholarship in Dentistry - In 1997, due to the generous donation of the Hotel Dieu medical staff, a scholarship fund was established through the LSU Health Sciences Center Foundation. The amount of the scholarship derives from the yearly earnings of the fund. This scholarship is awarded annually to a fourth-year dental student who has demonstrated outstanding scholarship, leadership, and professionalism for the first three years of dental school.

The Baldrige Scholarship - Due to the generous donation from the late Dr. Carl Baldrige to the School of Dentistry a scholarship fund was established through the LSU Health Sciences Center Foundation to honor academically outstanding dental students. Scholarships are awarded annually based on the yearly earnings of the fund.

Dental Hygiene

Tracy Helm, RDH, Scholarship in Dental Hygiene - The family of the late Tracy Helm donated \$10,000 the LSUHSC-NO Foundation to establish a scholarship in her memory. The scholarship amount derives from the yearly earnings of the fund. This scholarship is given annually to a second-year dental hygiene student who, in the opinion of the dental hygiene faculty, is the most outgoing, kind, and considerate of his/her fellow students and patients.

The Dean's Scholarship - Annual scholarships in the amount of \$500.00 are awarded to a first- and second-year dental hygiene student who earned the highest overall GPA.

Dental Laboratory Technology

The John Lapez Scholarship - Friends of Mr. John Lapez have contributed to the LSU Health Sciences Center Foundation to establish the scholarship. The amount of the scholarship derives from the yearly earnings of the fund. This scholarship may be awarded annually to an outstanding dental laboratory technology student who, in the opinion of the dental laboratory technology faculty, shows scholarship, leadership, and financial need.

The Dean's Scholarship - Annual scholarships in the amount of \$500.00 are awarded to a first-, second-, and third-year dental laboratory technology student who earned the highest overall GPA.

The Office of Student Affairs can provide scholarship information.

STANDARDS

Academic evaluation in the School of Dentistry is based upon a combination of the intellectual, technical, professional and behavioral performance of a student. It is not sufficient for a student to meet grading requirements since that is only one component of the standards for promotion and graduation. Each student is required to meet not only academic standards that reflect intellectual achievement, but also those that reflect technical standards and professional conduct.

TECHNICAL STANDARDS FOR THE PROFESSION

In addition to proven academic ability and other relevant personal characteristics, the school of dentistry expects all applicants to and students of the programs in dentistry, dental hygiene, dental laboratory technology and advanced education to possess and be able to demonstrate the skills, attributes and qualities set forth below, without unreasonable dependence on technology or intermediaries.

Physical health: The student must possess the physical health and stamina needed to carry out the program of dental education.

Intellectual skills: The student must have sufficient powers of intellect to acquire, assimilate, integrate and apply information. The student must have the intellectual ability to solve problems. The student must possess the ability to comprehend three-dimensional and spatial relationships.

Motor skills: The student must have sufficient use of motor skills to carry out all procedures involved in learning the fundamental sciences and those required in the clinical environment. This includes the ability to participate in relevant educational exercises and to extract information from written sources.

Communication: The student must have sufficient use of the senses of speech, hearing and vision to communicate effectively with patients, teachers and peers in both oral and written form.

Sensory abilities: The student must have sufficient use of the senses of vision, hearing, touch and smell to observe effectively in the classroom, laboratory and clinical setting. Students must possess the ability to observe both close at hand and at a distance.

Behavioral qualities: The student must possess emotional health sufficient to carry out the tasks above, must have good judgment, and must behave in a professional, reliable, mature and responsible manner. The student must be adaptable, possessing sufficient flexibility to function in new and stressful environments. The student must demonstrate appropriate motivation, integrity, compassion, and a genuine interest in caring for others.

Each student must continue to meet all of the TECHNICAL STANDARDS set forth above. A student may be denied permission to continue in the education program at the School of Dentistry should the student fail at any time to demonstrate all of the required TECHNICAL STANDARDS.

ACADEMIC STANDARDS

Academic Performance Advancement Committees

The School of Dentistry has seven academic performance advancement committees including one for each dental class, one for the dental hygiene program, one for the dental laboratory technology program and one for the advanced dental education programs. The academic performance advancement committees are responsible for evaluating the student's scholastic performance and progress, which shall include the student's course grades, compliance with the TECHNICAL STANDARDS and demonstration of PROFESSIONAL CONDUCT expected of a dental professional. The committees meet on a regular basis throughout the year to evaluate student scholastic progress and professional behavior. Students who appear to be experiencing difficulty in maintaining the required standards are informed in writing or through personal counseling. Each student must continue to meet the requirements of SATISFACTORY PROGRESS as defined herein.

Statement of Satisfactory Progress

The academic performance advancement committees evaluate the qualitative and quantitative academic progress of each student and allow the student's continued enrollment in the School of Dentistry if the student is making satisfactory progress. In order to achieve the status of satisfactory academic progress, the student must meet the following minimum standards.

1. The student must satisfactorily complete all requirements in each course.
2. The student must maintain a 2.0 grade point average for each term (Programs in Dentistry, Dental Hygiene and Dental Laboratory Technology). The student must maintain a 3.0 grade point average for each term (Advanced Dental Education Programs).
3. The student must satisfactorily meet all TECHNICAL STANDARDS.
4. The student must demonstrate PROFESSIONAL CONDUCT and an attitude of service and responsibility that is expected of all health professionals.

A student not satisfactorily completing all course requirements may be permitted to remediate, required to retake the course, required to repeat an entire academic year of study or dismissed. A student not satisfactorily meeting all of the TECHNICAL STANDARDS and/or not satisfactorily

demonstrating PROFESSIONAL CONDUCT expected of a health professional may be denied at any time permission to continue in the educational program at the School of Dentistry. The committee may recommend that a student who is not making satisfactory progress be dropped from the rolls of the school and, with approval from the dean, the student's enrollment will be terminated.

Promotions

After a student has been admitted to the School of Dentistry, the student's advancement to the next succeeding class and ultimate graduation depends on the student's demonstration of SATISFACTORY PROGRESS as defined above and the recommendation and approval of the Academic Performance Advancement Committee. The Academic Performance Advancement Committee may deny a student permission to continue in the educational program when the student's conduct, attitude, mental or physical fitness casts grave doubt upon the student's professional capabilities.

The Academic Performance Advancement Committee will consider for promotion a student who has achieved a grade point average of 2.0 or better, has not failed courses during the academic term, has continued to meet the required TECHNICAL STANDARDS of the profession and has continued to demonstrate PROFESSIONAL CONDUCT. The student must satisfactorily complete all requirements in each course. The student who has achieved a grade point average of 2.0 or better (a 3.0 for Advanced Dental Education programs) and has incurred academic deficiencies that the committee has not considered excessive may be allowed to remove the deficiencies in order to be considered for promotion. The Academic Performance Advancement Committee may drop from the rolls at any time during the academic year a student who has incurred excessive academic deficiencies, has failed to satisfactorily meet the required TECHNICAL STANDARDS or has failed to demonstrate PROFESSIONAL CONDUCT.

Any student of a School of Dentistry program who has been dropped from the rolls for academic reasons and has been recommended to pursue defined courses or activities may upon satisfactory completion of said courses or activities, petition the Academic Performance Advancement Committee for readmission to repeat that academic year. When a student is readmitted to repeat an entire academic year, only the course grades achieved in the repeat year will be used to compute satisfactory academic progress for promotion and graduation. The student's complete transcript (grades for all work attempted) while enrolled in the School of Dentistry will still be used for all other purposes.

Each dental student must complete the four-year curriculum in no more than six years after initial enrollment and no year may be repeated more than once. Each dental hygiene student must complete the two-year Bachelor of Science Degree program curriculum in no more than three years after initial enrollment. Each dental laboratory technology student must complete the two-year Associate of Science Degree program curriculum in no more than three years after initial enrollment. Each dental laboratory technology student must complete the one-year Bachelor of Science Degree program curriculum in no more than two years after initial enrollment. The time granted a student for an APPROVED ABSENCE will not be included in the maximum time period for completion of the program.

The Academic Performance Advancement Committee will not approve the promotion of a student to the next succeeding class or for graduation until the student has demonstrated

SATISFACTORY PROGRESS. When a student has incurred deficiencies in any course, the department involved specifies, with the approval of the Academic Performance Advancement Committee, the method of removing deficiencies. The student must promptly remove all deficiencies in order for the Academic Performance Advancement Committee to evaluate the student's progress prior to registration. A student whose performance is unsatisfactory, including receiving a failing course grade, failing to meet the required TECHNICAL STANDARDS or failing to demonstrate PROFESSIONAL CONDUCT, may be considered for dismissal or appropriate academic probation at any time the Academic Performance Advancement Committee thinks such action is in the best interest of the school and/or the student involved.

ATTENDANCE

The School of Dentistry has a standard policy for attendance in all didactic and pre-clinical courses for the Programs in Dentistry, Dental Hygiene and Dental Laboratory Technology and a specific policy for attendance in the laboratory courses for the Program in Dental Laboratory Technology. These policies are included in the *LSUSD Student Handbook of Policies and Procedures*.

Didactic and Pre-clinical Courses

Students are required to attend all scheduled appointments/sessions in each course. Students not present when attendance is taken will be considered absent. Absence in excess of 20% of the total clock hours in any course will result in a final grade reduction of one letter grade for that course. Each department will determine general policy for monitoring attendance in assigned course(s).

There are no excused absences with this policy. The only exception is an APPROVED ABSENCE, as described herein.

Clinical Courses (Program in Dentistry)

Dental students are required to attend all scheduled clinic sessions as a requirement of each specific clinical course. There are no excused absences. The only exception is an APPROVED ABSENCE as described herein.

Clinical Courses (Program in Dental Hygiene)

Dental hygiene students are required to attend all scheduled clinic sessions as a requirement of each specific clinical course. There are no excused absences. The only exception is an APPROVED ABSENCE as described herein.

Laboratory Courses (Program in Dental Laboratory Technology)

Dental laboratory technology students are required to attend 90% of all scheduled laboratory sessions. There are no excused absences. The only exception is an APPROVED ABSENCE as described for didactic and pre-clinical courses above. Students who exceed the 10% missed-session limit shall have their final clinic grade reduced according to the respective clinic-course outline.

GRADING SYSTEM

The School of Dentistry uses the letter grades of "A", "B", "C" and "F" for final course grades. Numerical values are established by the Administrative Council and published in the *LSUSD Student Handbook of Policies and Procedures*. For the Programs in Dentistry, Dental Hygiene and Dental Laboratory Technology, the grades of "A", "B" and "C" indicate passing work, with "A" being the highest grade given. The "F" grade indicates failure in a course. For Advanced Dental Education programs, the grades of "A" and "B" indicate passing work, with "A" being the highest grade given and final course grades of "C" or lower are unacceptable and do not meet the requirements for successful completion of the course work. The LSU Health Sciences Center Office of the Registrar notifies each student of his/her academic standing in writing at the end of the academic year.

For the program in dentistry, the grade point average (GPA) is derived by multiplying the clock hours total by the quality points earned and dividing that product by the total number of hours attempted. Proportional weight is given to the number of clock hours in each course. An "A" has the value of 4 quality points, "B" = 3 quality points, "C" = 2 quality points and "F" = no quality points. Thus, a 2.0 GPA is equivalent to a "C" average.

For the programs in dental hygiene and dental laboratory technology, the grade point average (GPA) is derived by multiplying the number of credit hours assigned to each course by the quality points earned and dividing that product by the total number of credit hours attempted. Proportional weight is given to the number of credit hours in each course. An "A" has the value of 4 quality points, "B" = 3 quality points, "C" = 2 quality points and "F" = no quality points. Thus a 2.0 GPA is equivalent to a "C" average.

For the Advanced Dental Education programs Students must maintain a "B" average (3.0 on a 4.0 scale) overall Grade Point Average (GPA) at the end of each grading period (semester, trimester, etc.) during their program. An average below 3.0 places the student on academic probation. Academic probation must be removed within one semester in order for the student to continue in the program. Extenuating circumstances may allow an additional semester for removal of probation. If the overall GPA is not brought up to an overall "B" (3.0) average by that time, the student may be dismissed for academic reasons. An "A" or "B" grade must be earned in each course in the student's department of study. A minimum "C" grade must be earned in all other required courses. Required courses in which less than the minimum grade is earned must be retaken or, at the discretion of the course director, appropriate remedial work and/or testing may be assigned to assure that the minimum knowledge and grade is achieved for the course. Each course defines the grade scale for that course in a course outline. Earned grades are awarded by the appropriate course director, according to the specific requirements and grading scale of each course.

Pass/Fail Grades

The Pass/Fail grading system applies in certain required courses, as well as elective courses, and the criteria are specified in the evaluation section of the individual course outlines.

For the program in dentistry, when a "Pass" grade is awarded, the student earns the clock hour value of the course; however, should a "Fail" grade be incurred, the clock

hours are charged against the GPA as an "F" would in any letter-graded course.

For the programs in dental hygiene and dental laboratory technology, the student earns the credit hour value of the course; however, should a "Fail" grade be incurred, the credit hours are charged against the GPA as an "F" would in any letter-graded course.

Examinations

Examinations may be written, oral, practical, or a combination of all three. Failure to pay fees may cause a student to be restricted from taking examinations. The department head or the course director with approval of the department head has the option to re-examine any student at any time or to give the student any additional test or tests other than those regularly scheduled, with the objective of arriving at a more accurate evaluation of the student's academic performance.

Examination materials will be retained by the course director/department until after registration for the next academic year unless a grade appeal has been filed. Materials should be retained as long as an appeal is in progress.

ACADEMIC APPEALS

Final Grades

Appeals of final course grades must be initiated by the student within five working days of receipt of the disputed grade. To appeal a final course grade, the student must first meet with the course director to discuss the situation and attempt to arrive at a solution. If the matter is not resolved between the student and the course director and the student wishes to pursue the appeal, the student must then make a written request to the head of the department in which the course was taught asking for a meeting with the department head and the course director. The department head shall arrange a meeting within 10 working days of receipt of the request and, at the close of the meeting or within five working days thereafter, the department head shall render a decision. The department head shall inform all parties of the decision in writing. If the student is dissatisfied with the decision reached, the student may appeal to the Ad Hoc Academic Appeals Committee. The committee shall consist of three faculty members appointed by the dean of the School of Dentistry. The student's appeal to the Standing Appeals Committee must be made within five working days after notification of the department head's decision. The Standing Appeals Committee shall make a decision within fifteen working days from receipt of the student's appeal.

Action of Academic Performance Advancement Committees

Appeals of action(s) taken by the Academic Performance Advancement Committee must be appealed within 5 working days after receipt of notification of the committee action(s). The appeal must be in writing to the dean and contain the following information: (1) a statement of the actions complained of, (2) the relief requested, and (3) a specific statement of the reasons supporting the relief sought. The dean or his assignee may recommend the matter to the Academic Performance Advancement Committee for consideration of additional evidence. The committee shall make its recommendation to the dean within 5 working days

of the hearing. Acting on the committee's advice or independently, the dean shall render a decision. The dean shall make a decision within 30 days from receipt of the student's appeal. The decision shall be in writing and copies of the decision shall be given to all parties. The decision of the appeal reached by the dean represents the final level of due process in the School of Dentistry.

Withdrawals

A student who for legitimate reasons is unable to return to school at the opening of any semester or who, for acceptable reasons, must discontinue school during the academic year will ordinarily be permitted to withdraw in good standing. A student who withdraws from the school will receive a "W" grade for each course that is less than 80% completed, according to assigned clock hours. For courses that are 80% or more complete at the time of withdrawal, a "W" will be recorded when student performance is satisfactory, or an "F" will be recorded when student performance is unsatisfactory. A student who has withdrawn in good standing may apply for readmission on the basis of the student's status at the time of withdrawal. In general, a student will not be considered for readmission if the absence has been for more than two consecutive years.

Approved Absences

The dean or his assignee may grant a petition for a short approved absence in case of illness, participation at a professional meeting, or any emergency, with the explicit understanding that the student will arrange with the faculty involved to make up satisfactorily all the work the student will miss.

PROFESSIONAL CONDUCT

Students must demonstrate the highest standards of character and integrity that warrant the public confidence and trust bestowed on them as health professionals. The standards for PROFESSIONAL CONDUCT are included in the *LSUSD Student Handbook of Policies and Procedures*. Among the elements of professionalism, each student must adhere to the following specific standards of care:

1. Each student must exhibit professional courtesy toward faculty, supporting staff, fellow students and patients;
2. Each student must maintain up-to-date, accurate and complete records regarding treatment performed on patients and patient fees;
3. No student shall deviate from treatment plans unless the deviation is authorized and documented in writing by the appropriate faculty;
4. No student shall jeopardize the well being of a patient under any circumstances.

All documented reports of non-compliance with the standards of PROFESSIONAL CONDUCT specified above are forwarded to the appropriate Academic Performance Advancement Committee for review. The Academic Performance Advancement Committee may deny a student permission to continue in the educational program should the student fail to demonstrate PROFESSIONAL CONDUCT.

Misconduct

Misconduct occurring within or outside the confines of the teaching programs will subject the offending student to appropriate disciplinary measures that can include dismissal. A student who is accused of such offenses will be given an opportunity to establish innocence before the Student Affairs Committee. At the time of matriculation, all students receive a copy of the *LSUHSC School of Dentistry Student Handbook of Policies and Procedures*. The handbook puts forth a complete set of policies and procedures including all phases of due process relating to misconduct.

SUPPORT SERVICES

Educational Support Services

Educational Support Services offered through LSUSD to faculty and staff include, graphic design, photography, website design/updates, television/audiovisual, and exam scoring.

The department offers support in the areas of designing and producing surveys to address quality assurance, patient satisfaction, and educational satisfaction of alumni/ae. The department also offers course evaluations for the programs in dentistry, dental hygiene, dental laboratory technology, and continuing education. It is anticipated that these services will resume in the near future.

Graphic Arts offers a wide variety of production and design services including those for medical illustrations, newsletters, brochures, signs, posters, and certificates. Limited photography services are available onsite for publication purposes, i.e. awards, events, etc. The TV/AV Section operates and maintains the TV/AV equipment throughout the school and also produces TV/AV material in its state-of-the-art studio and production suite for student projects, teaching programs, and other activities. This section oversees scheduling and operation of the four compressed video distance-learning rooms (two at LSUSD, one in Lafayette, and one in Baton Rouge). This section is also responsible for the telecommunications system for the school and manages auditorium and classroom scheduling.

Faculty and staff may also use the many services offered by the LSUHSC Auxiliary Enterprises to supplement the services offered onsite at the LSUHSC School of Dentistry.

Computer Services

LSUSD Computer Services (LSUSD CS) maintains and supports all of the computer related functions of the School of Dentistry. The LSUSD Local Area Network is connected via fiber optic cable to Enterprise Computer Services at the Health Sciences Center Downtown campus. The LSUSD CS supports all faculty, staff, and student workstations, required student laptops, e-mail accounts, and the general-access computers in the dental library computer lab. LSUSD CS operates a help desk line from 8:00 AM to 5:00 PM, and Enterprise Computer Services provides after-hours support. The Library Computer Lab is open all hours that the dental school library is open. LSUSD Computer Services provides students with a computer orientation and makes available to students much of its training sessions on using supported software.

GRADUATION

REQUIREMENTS FOR GRADUATION

1. The student must have fulfilled all requirements of each course and have an overall 2.0 grade point average.
2. The student must have met all of the required TECHNICAL STANDARDS.
3. The student must have demonstrated standards of professional character, conduct and integrity that warrant the public confidence and trust bestowed on them as health professionals.
4. The student must have the approval of the appropriate Academic Performance Advancement Committee, the dean, the Administrative Council, the general faculty of the school and the LSU Board of Supervisors.
5. The student must have met all financial obligations to the school and the LSU System at least ten days before graduation.

AWARDS AND HONORS

Outstanding graduates are recognized each year at a pre-commencement Recognition Ceremony of the School of Dentistry. Awards are presented to graduates to recognize achievements, proficiency, and/or potential in dentistry, dental hygiene, and dental laboratory technology.

Dental Laboratory Technology

The Chancellor's Award - A cash award of \$250 is presented annually to a high-ranking graduating student who, in the opinion of the dental laboratory technology faculty, has done the most to promote the health sciences and the school before the public. This award was established by the chancellor of the health sciences center in 1979.

The Dean's Awards - A cash award of \$100.00 is presented to the graduate who, in the opinion of the dental laboratory technology faculty, represents the highest ideals of the dental laboratory technology profession.

Departments and organizations offer other annual awards.

Dental Hygiene

The Chancellor's Award - A cash award of \$250 is presented annually to a high-ranking graduating student who, in the opinion of the dental hygiene faculty, has done the most to promote the health sciences and the school before the public. This award was established by the chancellor of the health sciences center in 1979.

The Dean's Awards - A cash award of \$100.00 is presented to the graduate who, in the opinion of the dental hygiene faculty, represents the highest ideals of the dental hygiene profession.

Departments and organizations offer other annual awards.

Dental

The Chancellor's Award - A cash award of \$1,000 is presented annually to a high-ranking graduating dental student who has done the most to promote the health sciences and the school before the public. A committee of the faculty appointed by the dean makes the selection. This award was established by the chancellor of the health sciences center in 1977.

The Dean's Award - A cash award of \$250 is presented annually to a graduating dental student who has shown academic excellence combined with those qualities of integrity and leadership traditionally expected of the health professional. A committee of the faculty appointed by the dean makes the selection.

Departments and organizations offer other annual awards.

OTHER INFORMATION

SPECIAL PROGRAMS AND SERVICES

Simulation Laboratories

Two state-of-the-art simulation laboratories with a total of 62 units allow students and practicing dentists to learn the latest in dental procedures under close-to-actual clinic situations. They help students to transition easily from pre-clinical studies to the actual treatment of patients. They also allow students experiencing problems in the clinic to go back to simulation and correct their deficiencies. Each station is complete with hand pieces, water sprays, operator and assistant instruments, lights, mannequin heads and articulators that closely match the clinical situation. In addition, the laboratory contains TV monitors and other equipment to aid in the educational process.

Library

The School of Dentistry Library, a branch of the LSUHSC Libraries, is the only complete collection of dental literature in Louisiana. Located on the 3rd floor of the Administration Building, the collection and services are open to all members of the dental profession. An integrated library system provides access to print and electronic library holdings. Numerous search systems and databases, such as MEDLINE, Cochrane Library, and MD Consult, are available to LSUHSC faculty, students, and staff. Dental library faculty members teach classes and seminars in the use of library services and online search techniques and provide services such as online searching, interlibrary loan, and distance education assistance. The library provides computers for access to library systems, as well as a computer lab with workstations connected to the dental school network. The library conference room may be reserved for seminars and small group presentations.

Externship Program

Beginning in the summer between the third and fourth years of the Program in Dentistry, students have the opportunity to expand dental knowledge and/or clinical skills in hospitals, dental schools, and dental clinics around the world. It allows them to perfect their dental techniques and, in many cases, to provide care to needy populations. The externship program is a tremendous learning experience that provides lasting benefits for all participants.

STUDENT GOVERNMENT

Members of the Executive Council of the Student Government Association consists of one elected representative from each class, class presidents, the elected president, vice president and secretary-treasurer of the student body, and the dental-school yearbook editor. Elections are held annually in April. Class officers for each class are also elected in the spring. First-year class elections are held in October with temporary officers serving until that time.



The association provides a forum for student debates and opinions, and provides a method of dialogue between faculty and student body. The association has a bipartisan function in serving also as the local chapter of the American Student Dental Association and therefore upholds and supports the objectives of the American Student Dental Association.

HONORARY AND PROFESSIONAL GROUPS

The American Dental Association and The American Student Dental Association – The American Student Dental Association is a national student-run organization, which protects and advances the rights, interests, and welfare of students pursuing careers in dentistry. It represents students with a unified voice and provides information, education, advocacy, and services. The association introduces students to lifelong involvement in organized dentistry and promotes change for the betterment of the profession. Students of the school hold membership in these organizations. Each student receives official publications from these associations and is welcome to attend all scientific sessions sponsored by them. Other professional benefits are also available to the student through membership in the ADA and the ASDA.

The American Dental Hygienists' Association and the Student American Dental Hygienists' Association - Students of the school hold membership in these organizations. Each student receives official publications from these associations and is welcome to attend all scientific sessions sponsored by them. Other professional benefits are also available to the student with membership in the ADHA and the SADHA.

Sigma Phi Alpha - Sigma Phi Alpha is the national honor society of the dental hygiene profession. Students elected to membership must rank high in scholarship and character and exhibit potential qualities for future growth in the profession.

Delta Sigma Delta and Psi Omega - These professional dental fraternities aim to promote the high ideals and standards of the profession, advance the professional knowledge and welfare of their members, and provide a medium through which their members, with a common interest, can develop lasting friendships.

Omicron Kappa Upsilon - A national dental honor society founded for the purpose of encouraging scholarship and advancing the ethical standards of the dental profession annually elects members from the fourth-year dental class. Twelve percent of the graduating class for each year may achieve the honor of such membership.

C. Edmund Kells Honor Society – This honor society, named after a pioneer in dentistry, is a student group established in 1971 to honor dental students who have distinguished themselves academically and clinically. Their peers in the society select students based on scholarship and professionalism. One faculty member is also selected each year to honorary membership.

INSTITUTIONAL AFFILIATIONS

The hospitals and other health-related institutions listed below are affiliated with the School of Dentistry for the training of students, postgraduates, and residents:

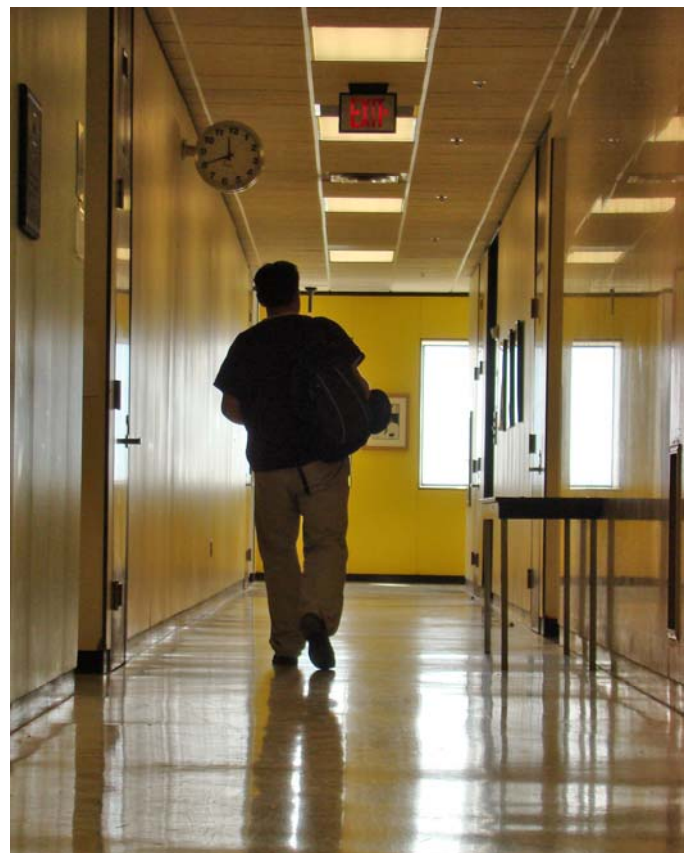
- Children's Hospital of New Orleans
- Earl K. Long Medical Center, Baton Rouge

- Hammond Developmental Center
- Huey P. Long – England Airpark Hospital. Alexandria.
- Lafayette Community Health Center, Lafayette
- Medical Center of Louisiana at New Orleans
- Metropolitan Development Center, Belle Chasse
- The Multipractice Clinic, Independence
- New Orleans Adolescent Hospital
- Pinecrest Developmental Center, Pineville
- LSUHSC South Campus, Baton Rouge

Other health-science facilities throughout the state are used at various times for special and/or individual training.

CHEMICAL DEPENDENCY POLICY

Alcohol abuse and the illegal use or abuse of other drugs are associated with health, safety and social problems. Students may obtain assistance for alcohol and/or drug problems voluntarily through the LSUHSC Campus Assistance Program (CAP) or through an outside provider. School of Dentistry administration may formally refer a student to CAP for a substance abuse evaluation. Any student who refuses formal referral for evaluation and/or treatment for chemical dependency or who is unsuccessful in a treatment program for chemical dependency is subject to suspension from the School of Dentistry by the dean. If a student returns to school after obtaining treatment for chemical dependency, the student will be given the opportunity to sign a Continuation of Enrollment Agreement with the School of Dentistry, which outlines continued compliance with chemical dependency treatment recommendations. Failure to comply with the terms of this agreement may result in termination from the School of Dentistry.



PROGRAM DESCRIPTIONS

DENTAL LABORATORY TECHNOLOGY – AS, BS

GENERAL

The programs lead to employment as a dental laboratory technician. They are designed to prepare the student to function as a technician whose laboratory responsibilities would include construction of either removable appliances, such as partial or complete dentures, or fixed restorations, such as crowns, bridges, porcelain veneers and other all-ceramic restorations. The Bachelor of Science Degree program gives the student further preparation for careers in public health institutions, technical education, laboratory management, and sales. This program also offers students the ability to increase their knowledge and skill in any of the specialty areas of dental laboratory technology in which they may desire to concentrate.

The School offers two dental laboratory technology programs: the Associate of Science Degree in Dental Laboratory Technology and the Bachelor of Science Degree in Dental Laboratory Technology.

The following information concerns the programs in dental laboratory technology offered by the school and pertains to those programs only. Students enrolled in dental laboratory technology will be bound, however, by the same rules and regulations that apply to other students of the school and that are found elsewhere in this catalog.



ADMISSIONS AND REGULATIONS

1. Admission to the program is by competitive application.
2. Attainment of an acceptable quality point average in the required subjects is stressed.
3. If a student is not accepted for a program, a new application and related materials must be submitted each year in which admission consideration is desired.

Students are enrolled once a year. The following are the admission guidelines:

1. After October 1 of the year prior to anticipated entrance, request an application from the Office of Admissions, LSU School of Dentistry, 1100 Florida Avenue, Box 228, New Orleans, LA 70119-2799.
2. The application must be submitted to the school no later than March 31 of the year admission is sought.
3. An official transcript from each college or university attended must be sent by the registrar of each institution directly to the Office of Admissions, LSU School of Dentistry, 1100 Florida Avenue, Box 228, New Orleans, LA 70119-2799.
4. A recent passport-type photograph, full-face view, must accompany the application form.
5. A personal interview with the Dental Laboratory Technology Admissions Committee is required.
6. One confidential recommendation on the form provided is submitted directly to the Office of Admissions by one of the applicant's previous instructors or teachers.

MINIMUM REQUIREMENTS

Careful consideration will be given to those applicants who present evidence of preparation and achievement. For the associate degree program, 27 college-level general education credit hours are required and for the bachelor program 45 college-level general education credit hours are required. These general-education credit hours are in addition to the curriculum in technology at LSUSD and may be taken at an institution of the student's choosing prior to or concurrent with the DLT course work at LSUSD. All subjects in general education must be taken at an institution whose credits are transferable to the LSU system.

All applicants must demonstrate the ability to perform college level work by completing most or all of their general-education requirements prior to admission.

ADDITIONAL EXPENSES

- Uniform \$250
- Instruments (2 years) \$800
- Books (2 years) \$450
- Equipment and Instrument Rental Fee (yearly) \$250

Associate of Science Degree – AS

The Associate of Science degree will be awarded upon completion of the above 27 credit hours and the additional 54 dental-laboratory credit hours for a total of 81 semester hours. No more than three hours of transfer credit will be awarded for any single course. The Associate of Science degree program is designed to give those students who may wish to continue for a Bachelor of Science Degree an opportunity to do so.

REQUIRED COURSES

	Credits
English Composition	6
Mathematics (college-level algebra or higher)	6
Inorganic Chemistry (Lecture)	3
Sociology	3
Humanities*	3
Fine Arts** (music, art, dance, theater, or drawing)	3
Natural Science (biology, zoology, or botany)	3
Total	27

All general study requirements must be completed prior to the start of spring semester of the graduation year.

For prerequisite and enrollment information about the program at LSUSD, contact the LSUSD Dental Laboratory Technology Program at 504-941-8085.

*Humanities - courses must be selected from the following: history, speech, literature, philosophy, religion, or foreign language.

**Fine Arts - drawing is preferred.



Bachelor of Science Degree – BS

All candidates for the Bachelor of Science degree must be graduates of an accredited associate degree program in dental laboratory technology and complete the required 45 hours of general studies credits and additional advanced technical subjects. No more than three hours of transfer credit will be awarded for any single course.

REQUIRED COURSES

	Credits
English Composition	6
English Literature	3
Mathematics (college level algebra or higher)	6
Inorganic Chemistry (lecture)	3
Business Administration or Economics	6
Fine Arts** (Music, Art, Dance, Theater, or Drawing)	3
Natural Science (Biology, Zoology, or Botany in a two-semester sequence)	6
Psychology	3
Sociology	3
Humanities* (English, Literature, History, Speech, Philosophy, or Foreign Language)	6
Total	45

The Bachelor of Science degree will be awarded upon the completion of the required general studies and additional advanced technical subjects. The degree requires a total of 135 hours.

A candidate for the Bachelor of Science degree who has earned 27 hours of general studies and 54 hours of technical studies for the associate degree will therefore have only 18 hours of general studies and 36 hours of third-year advanced technical training remaining.

All general study requirements must be completed prior to the start of the spring semester of the graduation year.

A candidate who has received an associate degree from other accredited program should examine the above list of requirements for general studies.

DENTAL LABORATORY TECHNOLOGY CURRICULUM - AS

(Courses are listed in the sequence as taken in the curriculum)

FIRST YEAR

	Credits
First Semester	
DLT 2101 Dental Morphology	4
DLT 2102 Fixed Prosthodontics I.....	2
DLT 2103 Fundamental of Dental Laboratory Technology.....	2
DLT 2104 Fundamentals of Occlusion I.....	3
DLT 2106 Infectious Disease Control.....	1
General Studies*	6
Second Semester	
DLT 2202 Fixed Prosthodontics II	3
DLT 2204 Concepts of Occlusion II.....	2
DLT 2205 Dental Ceramics I.....	1
DLT 2207 Complete Dentures I.....	3
DLT 2208 Removable Partial Dentures I.....	3
General Studies*	6
Year Total	36

* Up to a maximum of 6 semester hours of general studies may be taken.

SECOND YEAR

(NOTE: Not less than 21 general studies hours must be completed prior to matriculation into the second- year curriculum.)

	Credits
First Semester	
DLT 3105 Dental Ceramics II	1
DLT 3111 Advanced Removable Prosthodontics	2
DLT 3112 Professional Ethics.....	1
DLT 3113 Orthodontic Laboratory	2
DLT 3114 Applied Laboratory Techniques I	4
DLT 3115 Dental Materials Science I	2
General Studies*	6
Second Semester	
DLT 3214 Applied Laboratory Techniques II	15
DLT 3216 Professional Development	1
DLT 3217 Laboratory Management.....	2
DLT 3218 All Ceramic Restorations Advanced Technique	3
Year Total	39

DENTAL LABORATORY TECHNOLOGY CURRICULUM - BS

(Courses taken in addition to AS curriculum)

THIRD YEAR

	Credits
First Semester	
DLT 4102 Advanced Fixed Prosthodontics	1
DLT 4105 Advanced Ceramics	1
DLT 4107 Complete Dentures II	1
DLT 4108 Removable Partial Dentures II	1
DLT 4115 Dental Materials Science II	1
DLT 4119 Technic Methods	7
General Studies*	6
Second Semester	
DLT 4220 Laboratory Assignments	15
DLT 4221 Elective Procedures	3
Year Total	36

DENTAL HYGIENE – BS

NOTE: The following information on the LSUSD programs in dental hygiene pertains to those programs only. Students enrolled in the Dental Hygiene Program are bound by the same rules and regulations that apply to other students of the LSUSD and that are in this catalog/bulletin.

The LSU Health Sciences Center School of Dentistry provides a Bachelor of Science in Dental Hygiene degree at three campuses. The main campus is in New Orleans at the LSUHSC School of Dentistry (LSUSD), and all didactic and clinical course work occurs at the LSUHSC SD. The second campus is in Lafayette, Louisiana, (ULL/LSUSD). This program was established in 1999 as an extension of the LSUSD curriculum and offers a joint degree between LSU Health Sciences Center New Orleans and the University of Louisiana, Lafayette. For the extension program, the majority of the lecture courses are transmitted from LSUSD to ULL/LSUSD, utilizing distance learning technology. All didactic and clinical course work occurs at the Lafayette Community Health Care Center in Lafayette, Louisiana. The third campus is an extension of the LSUSD curriculum at LSU South Campus, Baton Rouge, Louisiana. This program was established in 2007 and the students earn a Bachelor of Science in Dental Hygiene degree from LSU Health Sciences Center. For the extension program, the majority of the lecture courses are transmitted from LSUSD to LSU South Campus, Baton Rouge utilizing distance learning technology. All didactic and clinical course work occurs at the LSU School of Dentistry Clinic at South Campus, Baton Rouge, Louisiana.

ADMISSION AND REGULATIONS

1. Admission to the program is by competitive application.
2. Admission to the Bachelor of Science degree program will be limited to Louisiana residents.
3. Attainment of an acceptable quality point average will be stressed.
4. Attainment of a composite score of 20 on the American College Test (ACT) is required.
5. Experience in a dental setting is strongly encouraged.
6. Prior to enrollment at the LSU School of Dentistry students will be required to submit to a variety of medical tests including serologic tests for hepatitis B virus (HBV), hepatitis C virus, (HCV), and human immunodeficiency virus (HIV). Section 1207 of the State Board of Dentistry Regulations and LSA-R.S. 37:751D require "self-reporting" of seropositivity for these viruses. In such cases the Board of Dentistry may restrict or prohibit seropositive individuals from practicing dentistry or dental hygiene, including participation in programs at the school of dentistry. In accordance with these provisions, it will be necessary for a student in the dental and dental hygiene programs to demonstrate seronegativity for HBV, HCV, and HIV prior to enrollment.
7. If a student is not accepted for a program, a new application and related material must be submitted each year in which consideration for admission is desired.

Admissions Regulations for the LSUHSC-NO School of Dentistry Dental Hygiene Programs in New Orleans, Baton Rouge, and the University of Louisiana Lafayette

Students are enrolled once a year for the fall semester. The following are the admission requirements.

1. After October 15 of the year prior to anticipated admission, request an application from the Office of Admissions, LSU School of Dentistry, 1100 Florida Avenue, Box 228, New Orleans, LA 70119-2799.
2. The completed application must be submitted to the school of dentistry not later than March 15 of the year admission is sought.
3. An official transcript from each college or university attended must be sent by the registrar of each institution directly to the Office of Admissions, LSU School of Dentistry, 1100 Florida Avenue, Box, 228, New Orleans, LA 70119-2799.
4. A recent passport-type photograph, full-face view, must accompany the admission form.
5. A personal interview with the Dental Hygiene Admissions Committee is required.
6. One confidential recommendation on the form provided is submitted directly to the Office of Admissions by one of the applicant's instructors.
7. An official copy of the candidate's American College Testing (ACT) scores is required.



Bachelor of Science Degree

In order to earn a Bachelor of Science degree, the following 61 credit hours of general studies courses are required. No more than three hours of transfer credit will be awarded for any single course.

General Study Courses

	Credits
English Composition	6
Literature (200 level or higher)	3
Math (college level Algebra, Trigonometry, or Statistics)	6
Chemistry	6
Sociology	3
Speech	3
Psychology	3
Computer Literacy	3
Biological Sciences * (12 Credits must be lecture)	13
Fine Arts (Music, Dance, Art or Theater)	3
Humanities **	9
Academic Electives ***	3
Total	61

The Bachelor of Science Degree will be awarded upon completion of the above 61 required credit hours and the additional 64 dental hygiene credit hours for a total of 125 semester hours.

For enrollment in the program at LSUSD, the applicant may take the 61 general studies credit hours at any accredited institution prior to enrollment. Contact the LSUSD Dental Hygiene Program at 504-941-8153 to get information on prerequisites.

For enrollment in the program at the University of Louisiana, Lafayette, refer to the following website for specific information unique to the UL Lafayette program, www.nursing.louisiana.edu/dentalhygiene/dental_hygiene.shtm. Contact the UL Lafayette Dental Hygiene Program at 337-262-2072 to get information on prerequisites.

* Preferred biological courses are general biology, zoology, anatomy & physiology, and microbiology.

** Humanities courses **must** be chosen from the following: history, speech, literature, philosophy, religion, or foreign language. At least 3 credits of humanities must be at or above the sophomore level.

*** Academic electives may be anything except physical education (recommendations are nutrition, speech, psychology).

All dental hygiene students are required to maintain a current healthcare provider certification in cardiopulmonary resuscitation (CPR) from the American Heart Association.

DENTAL HYGIENE CURRICULUM

FIRST YEAR

Credits

First Semester

Basic Science Course

DHY 3101 Gross Anatomy	2
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Clinical Science Courses

DHY 3102 Morphology and Occlusion	2
DHY 3103 Fundamentals of Dental Radiology	2
DHY 3104 Oral Diagnosis	1
DHY 3105 Preclinic	4
DHY 3106 Infectious Disease Control	1
DHY 3107 Overview of the Dental Profession	1
DHY 3108 Professional Development I	1

Second Semester

Basic Science Courses

DHY 3201 Microbiology	3
DHY 3202 General and Oral Physiology	2
DHY 3203 Histology	3

Clinical Science Courses

DHY 3204 Oral Health Promotion and Disease Prevention	2
DHY 3205 Introductory Clinic	3
DHY 3206 Radiographic Interpretation	1
DHY 3208 Professional Development II	2
DHY 3210 Pain Control IIA	2

TOTAL FOR FIRST YEAR DENTAL HYGIENE.....32

SECOND YEAR

Credits

First Semester

Basic Science Courses

DHY 4101 Pharmacology	2
DHY 4102 General and Oral Pathology I	3

Clinical Science Courses

DHY 4103 Clinical Nutrition	2
DHY 4104 Periodontics	2
DHY 4105 Intermediate Clinic	4
DHY 4106 Dental Materials	1
DHY 4107 Internal Medicine for Local Anesthesia	1
DHY 4109 Statistical Evaluation of Dental Literature I	1
DHY 4110 Pain Control I	2

Second Semester

Clinical Science Courses

DHY 4203 Practice Management	2
DHY 4204 Interdisciplinary Principles for Dental Hygiene Practice	2
DHY 4205 Advanced Clinic	4
DHY 4206 Advanced Clinic Seminars	2
DHY 4207 Community Dentistry and Public Health Mechanisms	2
DHY 4209 Statistical Evaluation of Dental Literature II	2

TOTAL FOR SECOND YEAR DENTAL HYGIENE.....32

DENTISTRY – DDS

ADMISSIONS

Method of Application

1. After September 1 of the year prior to anticipated admission, request an application from the Office of Admissions, LSUHSC School of Dentistry, 1100 Florida Avenue, Box 228, New Orleans, LA 70119-2799. A new application and related materials, including transcripts and recommendations, must be submitted each year that an individual desires to be considered for admission.
2. An official transcript from each college or university attended must be sent by the registrar of each institution directly to the Office of Admissions, LSUHSC School of Dentistry, 1100 Florida Avenue, Box 228, New Orleans, LA 70119-2799.
3. Recommendations by the pre-dental advisory group or by two science faculty members who have recently taught the applicant are required. The recommendations are submitted directly to the Office of Admissions, using a form supplied by the office. Special forms devised by pre-dental committees for submitting evaluations are acceptable.
4. A recent, passport-type photograph, full-face view, must accompany the application form.
5. The applicant's Dental Admission Test scores must be sent from the American Dental Association.

Dates for Filing

Completed applications for admission to the first-year class must be submitted by February 28 of the year the student expects to be admitted. Applicants must take the Dental Admission Test and submit the result, along with supplementary evaluation data, such as official transcripts and pre-dental faculty recommendations, by the application deadline.

Personal Interview

Following review of all application materials, competitive applicants will be invited for an interview. The interview is important to both the applicant and the Admissions Committee. It allows the applicant to see the school and talk with both students and faculty. It allows the committee to evaluate the applicant on interest, enthusiasm, and social awareness—qualities that are important for a dentist but that cannot be measured by standardized tests. Also, on the day of the interview, each applicant takes a chalk carving test as a second measure of manual dexterity.



Dental Admission Test

The Division of Educational Measurements of the American Dental Association provides the opportunity for a dental-school applicant to take this test in the spring or fall of each year. The results of the candidate's performance on this test must be submitted to the Admissions Committee by the February 28 deadline date of the year of application. Registration forms for the test may be obtained from the school of dentistry or from the Division of Educational Measurements, American Dental Association, 211 East Chicago Avenue, Chicago, Ill. 60611. For additional information about this test, students should consult their pre-dental advisors or contact the Office of Admissions of the School of Dentistry.

Minimum Requirements

Admission to the LSUHSC School of Dentistry is on a competitive basis. The following preparation and achievement are required for consideration for admission.

1. Attendance for at least three full academic years at a college of arts and sciences accredited by the American Association of Collegiate Registrars and Admissions Officers and completion of not less than 90 semester hours of credit prior to the date of school of dentistry registration, subject to the limitations given in the section on evaluation of college records. The above minimum *requirements may not necessarily be completed prior to application for admission. Approval of admission is tentative, pending satisfactory completion of minimum requirements and maintenance of a satisfactory academic record before the date of registration.

Satisfactory completion of the following college courses

	Semester Hours
Biology / Zoology with Laboratory	12
Inorganic Chemistry with Laboratory	8
Organic Chemistry with Laboratory.....	8
General Physics with Laboratory.....	8
English.....	9

2. Attainment of an acceptable quality point average
3. Submission of acceptable scores on the Dental Admission Test
4. Possession of all the TECHNICAL STANDARDS set forth under ACADEMIC STANDARDS
5. Personal interview

Other Admission Information

Evaluation of College Records—Grade point averages are calculated from all college hours attempted. In calculating the quality point average, grades recorded in institutions at which D is the lowest passing grade are interpreted as follows: A = 4, B = 3, C = 2, D = 1, and F = 0. Correspondence courses and courses in military science, physical education, and other such subjects are not considered in determining the quality point average or the total number of semester hours required for admission. Other courses for which admission credit is not given are those that relate specifically to a professional curriculum such as law, medicine, dental hygiene, dental laboratory technology, education, pharmacy, agriculture, etc.

Other Recommended Courses - Courses that will assist in the development of manual skills, such as drawing, ceramics and sculpture are strongly recommended.

Advanced courses in biological sciences, such as cell and molecular biology, genetics, microbiology, comparative anatomy, physiology, biochemistry and histology are strongly recommended.

Courses in advanced mathematics, psychology, social studies, economics, speech, and philosophy (logic) are also desirable. Selection of Courses - It is strongly recommended that those who wish to prepare themselves for the study of dentistry should enroll in a degree curriculum in college. While most applicants follow a program in biology or chemistry, it is quite possible for those from other major disciplines to receive favorable consideration for admission to dental school. Care should be exercised in planning the course of study to be certain that the required subjects in chemistry, biology, physics, and English can be completed satisfactorily before the date for registration.

If the student does not enroll in a degree curriculum, it is considered important to follow a program that will allow time to take several of the strongly recommended subjects and to complete more than the specified minimal number of required courses and credit hours. Elective courses should be chosen in relation to the student's special interests and aptitude. An understanding of social and community problems will be very helpful in meeting the responsibilities of the profession of dentistry. In addition to a good technical education, it is desirable for the student to have a broad cultural background.

Residency - Admissions preference is given to residents of Louisiana. Residents of Arkansas will be considered under the guidelines of the Arkansas Health Education Loan Program. A limited number of slots may be available for residents of other states.

Committee on Admissions

Responsibility for selection of entering students has been delegated to the Committee on Admissions by the faculty. When all necessary data, credits, and other required information for each application have been received and evaluated, the applicant is considered by the Committee.

Provisions Governing Acceptance of Applicant

1. All offers to accept an applicant for admission to the School of Dentistry are regarded as provisional acceptances. These are based on evidence submitted at the appropriate time that all required course work has been completed prior to the time for registration. The applicant must also demonstrate a continuation of a satisfactory personal performance and a level of academic achievement that is compatible with ability previously demonstrated.
2. Applicants must notify the Office of Admissions of their desire to accept a place in the class within the time specified in the acceptance letter. Failure to notify the office promptly will be considered as sufficient reason to withdraw the offer. Acceptance of the offer for admission should be accomplished in the manner specified in the acceptance notice.

3. It is improper for an applicant to hold more than one place of acceptance at any one time. An applicant who accepts a place in the class is under obligation to cancel the acceptance of places that may have been established previously with other schools. It is also understood that if an applicant who has accepted a place with the school of dentistry subsequently decides to attend another school, the applicant will provide prompt notification of the change in the acceptance status.
4. Prior to enrollment in the school of dentistry students will be required to submit to a variety of medical tests including: serologic tests for hepatitis B virus (HBV), hepatitis C virus (HCV), and human immunodeficiency virus (HIV). Section 1207 of the State Board of Dentistry Regulations and LSA-R.S. 37:751D require "self-reporting" of seropositivity for these viruses. In such cases the Board of Dentistry may restrict or prohibit seropositive individuals from practicing dentistry or dental hygiene, including participation in programs at the school of dentistry. In accordance with these provisions, it will be necessary for students in the dental and dental hygiene programs to demonstrate seronegativity for HBV, HCV, and HIV prior to enrollment.

CURRICULUM

General

The curriculum in dentistry represents a blend of basic, clinical and social sciences covering all four academic years. It is formally structured to present the basic principles, concepts, and philosophies of dentistry, yet flexible to allow for individual student capabilities and interests. Its goal is to inspire the student to academic greatness by enhancing and facilitating the correlation of learning experiences. The diagonal format that extends clinical and basic sciences over the entire four years was used in planning the curriculum. As the emphasis on basic and pre-clinical sciences decreases from year one to year four, the student's exposure to the clinical sciences increases. The objectives of this approach are to help the student interrelate the basic and clinical sciences and to comprehend fully patient care and its rationale.



DENTISTRY CURRICULUM

FIRST YEAR

	Hours
Basic Science Courses	
DENT 1101 Gross Anatomy and Neuroanatomy	168
DENT 1112 General Histology.....	42
DENT 1115 Physiology.....	92
DENT 1118 Microbiology and Genetics.....	60
DENT 1120 Biochemistry & Molecular Biology of the Cell	50
DENT 1121 Oral Histology.....	46

Clinical Science Courses

DENT 1103 Fundamentals of Operative Dentistry.....	200
DENT 1104 Oral Diagnosis I.....	41
DENT 1105 Fundamentals of Dental Radiology	21
DENT 1106 Introduction to Preventive Dentistry.....	14
DENT 1107 Dental Morphology	72
DENT 1108 Principles of Occlusion	48
DENT 1109 Professional Development I	32
DENT 1110 Dental Information Management Skills.....	11
DENT 1111 Infectious Disease Control.....	7
DENT 1116 Growth and Development.....	17
DENT 1117 Cariology	12
DENT 1119 General and Oral Pathology I.....	23

TOTAL for First Year956

SECOND YEAR

	Hours
Basic Science Courses	
DENT 2121 General and Oral Pathology II.....	86
DENT 2122 Pharmacology.....	58

Clinical Science Courses

DENT 2102 Preclinical Fixed Prosthodontics.....	96
DENT 2103 Introduction to Complete Dentures.....	64
DENT 2105 Introduction to Clinical Operative Dentistry.....	92
DENT 2106 Introduction to Periodontics.....	77
DENT 2108 Diagnostic Radiology	18
DENT 2109 Oral Surgery	16
DENT 2110 Treatment Planning I.....	20
DENT 2111 Professional Development II.....	14
DENT 2112 Principles of Occlusion Equilibration.....	38
DENT 2115 Dental Materials Science.....	44
DENT 2116 Introduction to Removable Partial Dentures.....	40
DENT 2117 Pediatric Dentistry Lecture I	16
DENT 2118 Introduction to Orthodontics.....	16
DENT 2119 Preclinical Esthetics I.....	24
DENT 2123 Pain Control I	26
DENT 2124 Pain Control II A	24
DENT 2126 Special Prosthodontic Techniques.....	52
DENT 2127 Introduction to Implant Dentistry.....	16
DENT 2128 Preclinical Dental Prophylaxis	30
DENT 2129 Internal Medicine	27

TOTAL FOR SECOND YEAR..... 894

THIRD YEAR

	Hours
Basic Science Courses	
DENT 3125 Differential Diagnosis of Oral Lesions.....	18

Clinical Science Courses

DENT 3101 Preclinical Orthodontics.....	20
DENT 3102 Pediatric Dentistry Lecture II	16
DENT 3104 Clinical Removable Prosthodontics.....	140
DENT 3105 Advanced Clinical Operative Dentistry.....	143
DENT 3106 Intermediate Periodontics	103
DENT 3107 Clinical Fixed Prosthodontics.....	119
DENT 3108 Pediatric Dentistry Clinic	80
DENT 3109 Clinical Endodontics.....	79
DENT 3110 Advanced Oral Surgery.....	18
DENT 3111 Clinical Orthodontics.....	32
DENT 3112 Oral Diagnosis and Treatment Planning	48
DENT 3113 Dental Radiology III	40
DENT 3115 Oral Oncology.....	14
DENT 3116 Oral Medicine and Pharmacology.....	14
DENT 3118 Introduction to Temporomandibular Joint Dysfunction.....	26
DENT 3119 Pain Control II B	10
DENT 3120 Clinical Oral Surgery.....	48
DENT 3121 Dental Radiosurgery	10
DENT 3122 Professional Development III.....	31
DENT 3123 Implants in Dentistry.....	18
DENT 3126 Preclinical Esthetics II.....	26
DENT 3127 Preclinical Endodontics.....	40

TOTAL for Third Year1093

FOURTH YEAR

	Hours
Clinical Science Courses	
DENT 4101 Comprehensive Care Clinic.....	994
DENT 4102 Senior Intermediate Periodontics	33
DENT 4103 Professional Development IV	52
DENT 4104 Pain Control III.....	18
DENT 4105 Diagnosis and Treatment of Toothache	8
DENT 4106 TMJ Clinic Rotation	12
DENT 4107 Rural Practice Rotation	136
DENT 4108 Advanced Treatment Planning Seminar	40
Selective Courses	0-100

TOTAL FOR FOURTH YEAR..... 1283-1383

MASTER OF SCIENCE IN ORAL BIOLOGY – MS

This Master of Science in Oral Biology Program is offered through the LSU Health Sciences Center School of Graduate Studies. Please consult the School of Graduate Studies section of this publication for complete information.

ADVANCED EDUCATION AND RESIDENCY PROGRAMS

Advanced education programs for specialty training in the areas of endodontics, orthodontics, pediatric dentistry, periodontics and prosthodontics meet the accreditation requirements of the Council on Dental Education of the American Dental Association and the eligibility requirements of the respective specialty boards. Candidates seeking admission to these programs must hold a D.D.S. or D.M.D. degree or the foreign equivalent, and students who complete the requirements of the program are awarded a certificate of proficiency.

Residency and advanced education programs in Comprehensive Dentistry and oral and maxillofacial surgery also meet the accreditation requirements of the Council on Dental Education of the American Dental Association. The residency program in oral and maxillofacial surgery satisfies the requirements of the American Board of Oral and Maxillofacial Surgery and the American Society of Oral and Maxillofacial Surgeons.

Students enrolled in advanced education programs are bound by the same rules and regulations that apply to other students of the school of dentistry, and these guidelines are stated elsewhere in this catalog. More detailed information on each of the programs follows. Inquiries should be directed to the assistant dean for advanced education.

ENDODONTICS

The Program in Endodontics is designed to give advanced education to an individual committed to the practice, teaching, or research of endodontics. Upon satisfactory completion of the program, the student will receive a certificate in endodontics and will be educationally qualified to pursue certification by the American Board of Endodontics. The student will spend approximately 60 percent of the assigned time in clinical practice and the remaining in basic- and clinical- science lectures and seminars, research and teaching. Clinical experience will include the complete scope of endodontic practice. Medically compromised as well as healthy patients are treated under appropriate supervision. The range of treatment includes emergency and diagnostic treatment, non-surgical and surgical therapy, microscopic endodontics, vital and non-vital bleaching procedures, intentional replants, and root-extrusion techniques.

Four applicants are accepted annually. Applicants must have graduated in the upper portion of their dental school class and have successfully completed both parts of the National Board Examination. Research experience and clinical experience beyond dental school (such as private practice, military

experience, residencies, or teaching), will strengthen the applicant's credentials.

The deadline for completed applications is August 20 for PASS and September 1 for LSUSD of the year preceding anticipated enrollment. Interviews are held during September and early October, with acceptances, alternates, and rejections announced by October 15.

COMPREHENSIVE DENTISTRY (PRACTICE RESIDENCY)

The Program in Comprehensive Dentistry at the LSU Health Sciences Center School of Dentistry and the Medical Center of Louisiana at New Orleans (MCLNO) is a two-year hospital-based residency, which offers an unique opportunity for an advanced clinical and didactic experience in a university hospital environment, with additional training in the arts and sciences basic to a general dental practice. The objectives of the program are to educate dentists to function as a part of a hospital team and to gain competency in diagnosing and rendering comprehensive and preventive dental treatment for the medically compromised patient. A Comprehensive Dentistry certificate is awarded to each resident who successfully completes the program.

The primary teaching hospital is the Medical Center of Louisiana at New Orleans and Earl K. Long Medical Center, Baton Rouge. Other affiliated teaching institutions are the LSU Health Sciences Center School of Dentistry, New Orleans, the LSU Health Sciences Center School of Medicine, New Orleans, the V.A. Medical Center, New Orleans. The rotations are scheduled through the departments of Comprehensive Dentistry, pediatric dentistry, oral and maxillofacial surgery, general anesthesia, internal medicine, otorhinolaryngology, and emergency medicine. Residents are also instructed in hospital protocol and organization. Comprehensive care for dental patients on both an outpatient and inpatient basis, which includes extensive use of the operating room, is emphasized. Residents may also gain experience in teaching pre-doctoral students at LSUSD. Annual salaries for the first- and second- year residents are \$40,528 and \$ 41,720 respectively.

Appointment to the program is for a twelve-month period beginning July 1 through June 30, with a contract being sent after notification of acceptance. A new contract is signed at the beginning of the second resident year. October 1 is the deadline for accepting new applications for the following year's resident class. The program participates in the Postdoctoral Application Support Service (PASS). A personal interview with faculty members and a tour of the main facilities in New Orleans (MCLNO, LSUSD) are usually arranged during the months of November and/or December. Applications are accepted from senior dental students who will be completing their predoctoral studies or from graduates of dental schools recognized by the Council on Dental Education of the American Dental Association and have successfully completed Part I and II of the National Board Examinations. Applications from graduates of dental schools from outside the United States may be considered for program acceptance with confirmed successful completion of Parts I and II of the National Board Examinations and the Test of English as a Foreign Language (TOEFL). Applicants are required to secure a restricted or full license to practice dentistry in Louisiana upon acceptance as a resident in the program.

Maxillofacial Prosthetics

The Advanced Educational Program in Maxillofacial Prosthetics is a twelve-month course of study, commencing in July of each year. The time spent in the program is directed to the treatment of patients with congenital and acquired defects of the head and neck area. Upon successful completion of the program, the student will be awarded a certificate in maxillofacial prosthetics and will be eligible to take the American Board of Prosthodontics examination. The 12-month course of study includes the following.

1. Seminar and conferences in various medical specialties pertaining to the treatment of the medically compromised dental patient
2. Instruction in the clinical art of maxillofacial prosthetics
3. Multidisciplinary courses that include radiation oncology and reconstructive surgical principles
4. Experience in a hospital environment at the Medical Center of Louisiana and the Lions LSU Clinics in New Orleans
5. Instruction and clinical procedures in acquired maxillary and mandibular defects
6. Laboratory techniques in all phases of prosthodontics to include complete removable, fixed partial dentures, and extraoral prostheses
7. Optional research opportunities in the basic sciences or clinical areas

One applicant is selected each year. Candidates should possess competitive academic credentials and must have completed a residency program in prosthodontics. A personal site visit is encouraged, and applications must be received by October 15.

ORAL AND MAXILLOFACIAL SURGERY

The Advanced Educational Program in Oral and Maxillofacial Surgery at Louisiana State University Health Sciences Center in New Orleans is a six-year OMS-MD residency program designed to fulfill the educational requirements of the Council on Dental Education of the American Dental Association and the American Board of Oral and Maxillofacial Surgery. Each year four applicants are selected to begin seventy-two months of training. The Medical Center of Louisiana at New Orleans (Charity and University Hospitals in New Orleans) serves as the primary teaching hospital. Other affiliated institutions are Earl K. Long Medical Center in Baton Rouge, Carolinas Healthcare System and the dental and medical schools of Louisiana State University Health Sciences Center. Biomedical-science instruction is incorporated throughout the six-year residency program. Formal didactic courses outside of the medical school curriculum include Applied Head and Neck Surgical Anatomy, Advanced Oral Pathology, TMJ Diseases, and Orthognathic Surgery. Conferences consist of Clinical Pathology, Preoperative Surgery, Journal Club and Oral and Maxillofacial Surgery Teaching Seminars.

Enrollment in the LSU Health Sciences Center School of Medicine in New Orleans for Introduction to Clinical Medicine, Clinical Pathology and Dermatology is concurrent with the initial twelve-month clinical oral and maxillofacial surgery rotation. Advanced standing for third-year entry into medical school is predicated on passage of the national Medical

Boards Step I in June of the applicant's first year of training. Following 24 months of medical school, one year of General Surgery credit is gained with rotation in the Emergency Room, General Surgery and Surgical Subspecialties, Neurosurgery, and Anesthesia. The residents return to the Oral and Maxillofacial Surgery Department for twenty-four months to complete the program.

Patient load during the thirty-six months of oral and maxillofacial surgery training includes extensive maxillofacial hard- and soft-tissue trauma and reconstruction, orthognathic, and craniofacial surgery, temporomandibular joint disorders, all forms of cosmetic surgery, pathology, preprosthetic and implant surgery, advanced exodontia, and ambulatory outpatient general anesthesia. The combined annual inpatient surgery at all teaching hospitals exceeds 1,500 cases. Over 25,000 outpatients are seen each year, which accounts for 6,000 procedures.

The program is closely supervised by five full-time and fifteen part time board certified oral and maxillofacial surgeons. Applicants must be graduates or seniors in the upper 25% of their class of dental schools recognized by the Council on Dental Education of the American Dental Association. Applications from graduates of dental schools outside the U.S. and Canada will be considered if space permits. Participation in the Postdoctoral Application Support Service (PASS) program is required. Additional experience beyond dental school (general practice residency, anesthesia residency, private practice, graduate school, etc.) may strengthen the applicant's credentials. A \$30.00 processing fee payable to the LSU Health Sciences Center School of Dentistry is required of those applying. After all applications have been received and reviewed, invitations for interviews will be sent out by the director of the Department of Oral and Maxillofacial Surgery Residency Program.

Applications are received before October 1st of the preceding year, and applicants must agree to participate in the Oral and Maxillofacial Surgery Residents Matching Program, the description of which is excerpt from the AAOMS below.

The use of the matching program for first-year residents in oral and maxillofacial surgery residency programs has been utilized for residency positions since 1986. This program is sponsored by the American Association of Oral and Maxillofacial Surgeons and administered through the National Matching Service. The matching program is financed by fees paid by the AAOMS, applicants, and programs participating.

The matching program provides an orderly method to enable applicants to obtain positions in the first-year residency program of their choice and also to help programs obtain applicants of their choice. This will eliminate an inequitable recruitment process that forces premature decisions, which put unnecessary pressure on both applicants as well as programs. This is very similar to the National Matching Program for medical students applying to medical residency programs throughout the United States. Applicants and programs continue to contact each other directly and interview and evaluate each other independently of the Matching Program. However, no offers are made during this period. After all the interviews are completed, both applicants and residency programs submit a confidential "Rank Order List" in which they list the applicants or programs in order of their preference. Both applicants and programs may safely list preferred choices first without consideration for how they will be ranked by the other party. All information submitted to the Matching Program is kept confidential.

Participating programs must offer all first-year positions through the Matching Program. Programs may not make or require any commitments or contracts with anyone prior to the release of the match results. Similarly, applicants may apply only to programs that are participating in the Matching Program or until the results of the match are released. The confidential "Rank Order List" submitted by each program and applicant are the sole determinants of their respective order or preference of the match.

The match results constitute a binding commitment from which neither the applicant nor the program can withdraw without mutual written agreement. The program must offer appointments to each applicant with whom it is matched, and the applicant must accept the offer from the program unless both parties agree to release each other from the match result. The program may not accept any applicant who was matched elsewhere and subsequently not released from that match.

Six-Year Oral & Maxillofacial Surgery/MD Program

1st Year

OMS-12 months integrated with

- Graduate Head and Neck Anatomy
- Graduate Oral Pathology Course
- Introduction to Clinical Medicine
- Dermatology
- Clinical Pathology
- Pass Step I of Medical National Boards
- Anesthesiology 2 months

2nd Year

Clerkships of third academic year at LSUHSC-NO School of Medicine

3rd Year

Clerkships of fourth academic year at LSUHSC-NO I School of Medicine.

- Anesthesiology, 2 months
- Oral and Maxillofacial Surgery, 2-3 months
- M.D. Awarded

4th Year

General Surgery I

General Surgery and subspecialties, 5-6 months

Neurosurgery, 3-4 months

OMS, 3-4 months

5th Year

OMS, 12 months

Graduate Orthognathic Surgery Course

6th Year

OMS, 12 months

Elective Cosmetic or Cleft Palate rotation (optional)

Certificate Awarded.

ORAL MEDICINE (RESIDENCY)

The Oral Medicine Residency Program at the LSU School of Dentistry and Medical Center of Louisiana (MCLA) is a comprehensive 24-month hospital-based program. There are no tuition costs associated with the certificate program. There is a parallel Master of Science (M.S.) and Master of Public Health (MPH) degree track. There are tuition costs associated with the MS and MPH degrees.

The Oral Medicine Program combines extensive advanced didactic and clinical experiences that supplement the Comprehensive Dentistry Residency (GPR) curricula and has the objective of providing oral care to a medically complex patient population. Additionally, the program provides advanced clinical experiences in internal medicine, emergency medicine, dermatology, neurology, radiology, hematology, oncology, otorhinolaryngology, pain diagnosis/management and psychiatry. Graduates of this program will be able to provide all aspects of oral health care to medically compromised populations. Graduates will also be adept at diagnosis and treatment of oral mucosal disease, salivary gland disorders and orofacial pain. Successful completion of this intensive program will result in both GPR and oral medicine certificates. This program is fully accredited by the American Board of Oral Medicine, and graduates are eligible for the American Board of Oral Medicine diplomate examination.

The program is chiefly based at The Medical Center of Louisiana at New Orleans. Other affiliated teaching institutions are Louisiana State University School of Dentistry and Touro Medical Center. The program has a competitive salary and benefits package. Salary is \$36,413 (PGY 1) and \$37,484 (PGY 2). Prior research experience, advanced clinical experience or teaching experience is highly desirable.

Prerequisites for application and enrollment into the certificate program include a DMD or DDS degree from an accredited American or Canadian institution. Foreign candidates must possess a DMD, DDS or equivalent degree and demonstrate proficiency in the English language as measured through the Test of English as a Foreign Language (TOEFL) exam. Foreign candidates must have the required student visas. Applicants will be required to secure a restricted or full license to practice dentistry in the state of Louisiana upon acceptance into the program. Degree-seeking candidates may have additional enrollment criteria and prerequisites and should refer to the appropriate section of the catalogue. Personal interviews prior to acceptance are required.

ORTHODONTICS

The Program in Orthodontics is a twenty-four-month course of study beginning in July of each year. The program is designed to offer a broad foundation in the basic sciences and to provide a background of detailed knowledge essential to the understanding of orthodontics. The program meets the educational requirements of the American Board of Orthodontics. It was also accredited in 2001 with a status of "A". Primary emphasis is on clinical training, which is correlated with and supplemented by lecture, seminar, demonstration and conference instruction. Mastery of the edgewise appliance is stressed.

Treatment with functional appliances is also emphasized as an augmentation to fixed appliance therapy. In addition to the treatment of routine orthodontic problems, each student treats several patients with severe malocclusions, requiring a

combined orthodontic surgical approach to therapy. Guest lecturers introduce other appliance techniques currently used throughout the world.

The opportunity exists for students to obtain a Master of Science degree through one of the basic science departments of the Health Sciences Center. Such a program would require the approval of the head of the Department of Orthodontics and the head of the basic science department in which the degree is desired.

It is estimated that approximately twelve additional months of full-time attendance will be necessary to complete the requirements for the Master of Science degree. Some of the courses offered over the two-year period are orthodontic theory and diagnosis, orthodontic technique, biomechanics, surgical orthodontics, craniofacial morphogenesis, anatomy, and statistics. A research project is also required of each student. All applicants are required to take the Graduate Record Examination, foreign students must take the TOEFL, and completed applications must be received by September 1 of the year preceding matriculation.

PEDIATRIC DENTISTRY

The Program in Pediatric Dentistry is university-based and balanced with significant hospital and extramural affiliation at the Medical Center of Louisiana, New Orleans and Children's Hospital of New Orleans, New Orleans. The program is designed to prepare highly qualified specialists for the clinical practice of pediatric dentistry or careers in teaching or research. The twenty-four month course of study includes (1) seminars in clinically oriented basic sciences, (2) instruction in advanced clinical procedures, including minor tooth movement, (3) training in hospital procedure, including general anesthesia, (4) experiences in providing comprehensive dental health for handicapped children, (5) courses in research methodology and biomedical sciences applicable to health care in children. A research project is required for certification.

The program has been planned in accordance with the standards for the Commission on Dental Accreditation Advanced Specialty Education Programs in Pediatric Dentistry and is accredited by the American Dental Association, Council on Dental Education. Upon completion of the program, the postgraduate student receives a certificate in pediatric dentistry and meets eligibility requirements for the American Board of Pediatric Dentistry examination.

Four applicants are selected each year. Stipends for the program include \$11,000 for the first year and \$16,250 for the second year. Applicants should be graduates in the upper half of their class and are encouraged to take the Graduate Record Examination. Completed applications must be received by November 1 of the year preceding matriculation.

PERIODONTICS

The Periodontic Program begins July 1 of each year and is a thirty-six-month course of study. Upon completion of the program, the student will be awarded a certificate in periodontics and will be eligible to take the American Board of Periodontology examination. The program is multifaceted and utilizes facilities and faculty to provide

1. A strong foundation in the basic sciences, including surgical anatomy, cell biology, biochemistry, immunology, and others

2. Clinical science courses that include occlusion, oral medicine, oral pathology, minor tooth movement; and multidisciplinary courses such as periodontic-prosthetics, periodontic-endodontics, dental implantology, etc
3. An extensive review of the periodontal literature to provide the basis for understanding current philosophies of therapy and to establish a biologic basis for formulating comprehensive treatment plans
4. Exposure to a wide range of periodontal problems requiring a variety of therapeutic procedures (Students are encouraged to work with several different full- and part-time faculty to gain experience in and to be able to evaluate firsthand the different techniques available)
5. Research opportunities in either basic science or clinical areas to enable the student to accomplish a meaningful original research project
6. Experience in a hospital environment involving both out-patient and operating-room surgery and rotations in internal medicine and anesthesia
7. Teaching experience in both the classroom and clinic to communicate those principles and skills acquired during training

In addition, faculty input into these various areas is supplemented by several guest lecturers during the year. Up to four applicants are accepted annually. Candidates should possess competitive academic credentials, have passed parts I and II of the National Board examination and have demonstrated a definite interest in periodontics. The Graduate Record Examination is required if a Master of Science degree is to be pursued. Additional experience beyond dental school (internship or residency, military service, private practice, graduate school, etc.) strengthens the applicant's credentials. A personal site visit at a time arranged by the program director is required for the benefit of both the applicant and the faculty. Completed applications are due by August 15th of the year preceding planned entrance.

PROSTHODONTICS

The Program in Prosthodontics is a thirty-six-month course of study, commencing in July of each year. The time spent in the program may vary because it is designed to encompass the three main areas of prosthodontics, namely, removable, fixed and maxillofacial prosthodontics. Upon successful completion of the program, the student will be awarded a certificate in prosthodontics and will be eligible to take the American Board of Prosthodontics examination. The thirty-six-month course of study includes the following; (1) seminars in clinically oriented basic-science courses; (2) instruction in advanced clinical procedures; (3) clinical-science courses, which include occlusion, oral medicine, oral pathology, periodontic-prosthetic, prosthetics, oral facial pain, and other multidisciplinary courses; (4) research opportunities in the basic sciences or clinical areas; (5) selective courses to prepare for a career in academic dentistry; (6) multiple other courses that will allow the student to help tailor the program; and (7) the opportunity to obtain a Master's degree through the Graduate School. Two applicants are selected each year, and candidates should possess competitive academic credentials and have demonstrated an interest in prosthodontics. Additional experience beyond dental school and submission of the results of the Graduate Record Examination strengthen the applicant's credentials. A personal site visit is encouraged for the benefit of the applicant and the faculty. All applications should be received by September 30th.

COURSE DESCRIPTIONS

COURSE NUMBERING SYSTEM

The School of Dentistry course numbering system is four-digits. The first digit represents the year; the second digit represents the semester; the third and fourth digits represent the sequencing of courses. Courses numbered 5000 and above are restricted to students in advanced dental education programs.

Anatomy

ANAT 5407 Advanced Head & Neck Anatomy

Postgraduate Head and Neck Anatomy is a clinically-oriented course which deals with human anatomical structure, embryological development, function and dysfunction of the head and neck in its relationship to clinical practice. This course is designed as an advanced course in head and neck anatomy for post-graduate students in medicine, dentistry and the School of Graduate Studies. The course will include segments on the basic gross anatomy, developmental anatomy, cell biology, neuroanatomy and neurophysiology of the head and neck. Special emphasis on functional considerations and clinical correlations will be given in the course.

Dental Hygiene

DHY 3101 Gross Anatomy

A lecture course to orient the student toward an understanding of the anatomical make-up and integral relationships of the human body and its parts. Particular emphasis is placed on head and neck anatomy. A systematic study is followed by a regional approach to each of the body areas so that the systems are studied in relation to one another.

DHY 3102 Morphology and Occlusion

A lecture and laboratory course involving a detailed study of the anatomy of the teeth, individually and collectively. Information about the anatomical and embryonic differences between individual teeth, developmental disturbances involving the teeth, root structure anomalies, the physiology of mandibular movement, and an introduction to occlusion are integral parts of the course. Students gain laboratory exposure to the individual teeth through drawings of the entire tooth.

DHY 3103 Fundamentals of Dental Radiology

This is an introductory course in dental radiology that includes didactic instruction in radiation physics, radiation biology, radiation hygiene, and radiographic and processing techniques. This course also includes an introduction to the radiological interpretation of normal anatomy, caries, periodontal disease and periapical disease. The student receives supervision in taking digital intra- and extra-oral radiographs on mannequins, as well as patients. Specific requirements on occlusal, Panorex, and complete series of X-rays must be met.

DHY 3104 Oral Diagnosis

An introductory course in diagnosis of normal and pathological conditions of the oral cavity using didactic and clinical instruction. The course includes patient medical history, normal anatomy, general appraisal, soft-tissue examination, charting procedures and the use of appropriate laboratory techniques and other diagnostic aids. The clinical aspect utilizes the application of diagnostic techniques as they apply individually and to each other.

DHY 3105 Pre-clinic

A lecture and laboratory course dealing with the fundamentals necessary in preparation for the clinical experience in dental hygiene. Information on the dental/dental hygiene profession, prophylaxis techniques, clinical procedure, patient management, and oral health education is an integral part of the course. Experience that can be applied to the oral cavity is obtained through instrumentation procedures on mannequins.

DHY 3106 Infectious Disease Control

An introductory course that provides instruction in blood-borne infections such as AIDS and hepatitis. The epidemiology and prevention of these diseases and a complete infection control policy is presented in order that the student may function properly in a dental setting. Federal, state, OSHA and LSUHSC policies concerning legal issues are discussed.

DHY 3107 Overview of the Dental Profession

An introductory course designed to introduce students to the various disciplines in dentistry. An overview of the dental specialties dental nomenclature is strongly emphasized.

DHY 3108 Professional Development I

An introductory course designed to introduce the role of the student as a member of the LSU School of Dentistry and the dental hygiene program. This lecture/seminar course introduces the philosophical concepts of ethics and moral reasoning. Human behavior principles are shared which create an awareness of the issues presented by a culturally diverse student/faculty/patient population. This course also introduces the students to aspects of professional development, such as involvement in professional organizations, and the future of dental hygiene.

DHY 3201 Microbiology

This course is an introduction to the basic principles of bacteriology, mycology, virology and immunology with special emphasis on how they relate to the microbial flora of the oral cavity and to oral disease. Methods of sterilization and disinfection are stressed along with their application to the prevention of cross contamination in the dental office.

DHY 3202 General and Oral Physiology

An introductory course that presents a general survey of the basic physiological principles underlying the function of the different organ systems of the human body, including the central and peripheral nervous system, neuromuscular, endocrine, cardiovascular, respiratory, renal and gastrointestinal systems. The influence of each of these systems on the oral cavity is presented as a separate group of lectures. Lectures are supplemented by slides and videotaped demonstrations.

DHY 3203 Histology

An introductory course designed to provide the student with an understanding of the microscopic anatomy of the human body. Functional topics and embryological development are integrated with histology in the lectures. The course is roughly divided into thirds. The first third of the course is devoted to the study of cell biology and the organization of basic tissues. The second portion deals with histology of selected systems. The final third is concerned with detailed development and histology of the oral cavity and teeth. Lectures are supplemented with photographic slides to enhance the students' appreciation of microscopic anatomy.

DHY 3204 Oral Health Promotion and Disease Prevention

This is an introductory course that presents the etiology and steps in the prevention of dental diseases. Philosophies of primary, secondary and tertiary prevention are discussed. The development and maintenance of dental disease programs are addressed as they relate to communicating with, educating and motivating patients.

DHY 3205 Introductory Clinic

A clinical course that applies techniques, procedures and information presented in Pre-Clinic. The course consists of the clinical treatment of patients for prophylaxis, in varying degrees of difficulty, complete series of X-rays, fluoride treatments, and oral health instruction. The course is supplemented by scheduled seminars on root planing, special patients, use of power scalers, auxiliary health aids, and laboratory diagnostic tests used in dental practice.

DHY 3206 Radiographic Interpretation

This is a comprehensive course in radiographic interpretation of normal anatomy, anomalies, caries, periapical lesions, periodontal disease, cysts, trauma and various pathological lesions of the jaws and associated structures.

DHY 3208 Professional Development II

The course is designed to facilitate communication concepts and skills, and includes exercises in practical application with the dental patient, and other dental professionals. The student is made aware of the various barriers to successful communication by exposure to concepts of culture, verbal and non-verbal language, and group dynamics. Principles of human behavior affecting the dental hygienist's relationship with co-workers and patients, the influence of personality types on interpersonal relations, motivation of patients to proper oral health will also be addressed. Students will also be introduced to a Professional Codes of Ethics and further study in ethics as it relates to patient care.

DHY 3210 Pain Control IIA

One of 2 courses designed to prepare the student for the management of pain, anxiety, and medical emergencies in the dental practice. This course includes the majority of the LSUSD material pertaining to management of medical emergencies. Didactic and clinical instruction in the use of nitrous-oxide analgesia is included in order to qualify the student for the clinical use of this pain-control modality.

DHY 4101 Pharmacology

This course consists of a series of lectures, conferences, and demonstrations emphasizing the pharmaco-dynamics of drug action. This includes modes of administration, mechanisms of action, biotransformation, excretion, drug interactions, and side effects. Special considerations are given to those drugs relevant to the practice of dentistry.

DHY 4102 General and Oral Pathology

This course educates students regarding the pathologic basis for systemic and oral disease. It includes a consideration of basic principles of pathology as well as specific disease processes. The definition, epidemiology, distribution, morphology, symptoms, etiology, treatment, and prognosis of each disease process are studied. Emphasis is placed on oral, and head and neck pathology.

DHY 4103 Clinical Nutrition

This course consists of techniques for diet assessment, nutritional counseling and patient management. It is designed to increase the student's skill in developing a comprehensive disease program to treat individual patients. The course format is a combination of lectures, presentation of abstracts, and discussion of current nutritional issues.

DHY 4104 Periodontics

This is a fundamental lecture course in periodontics with emphasis on a basic understanding of the normal and diseased states of the periodontium. An orientation to the concepts of periodontal examination, charting, diagnosis, treatment planning, root planing, soft-tissue curettage, and other surgical therapeutic techniques is presented.

DHY 4105 Intermediate Clinic

This is a continuation of clinical treatment of patients from Introductory Clinic with the addition of impressions, study casts, root planing, and limited local-anesthesia experiences. Scheduled seminars are held to review clinical procedures. Students are assigned to selected departments within the school as well as extramural clinics for observation and participation.

DHY 4106 Dental Materials

This course provides a working knowledge of metallurgy, ceramics and polymer science. Specific restorative and dental-laboratory products are presented, and their proper manipulation is described. Laboratory sessions involve experience in handling these materials.

DHY 4107 Internal Medicine

This course presents basic principles of medicine as they relate to patients receiving local anesthesia for dental treatment. Emphasis is on understanding disease processes and medical or pharmacologic treatment of the diseases, rather than on diagnosis of disease. Dental -treatment concerns and anesthesia modifications for patients with diseases such as hypertension, asthma, cardiac disease, pulmonary disease, diabetes, liver disease, arthritis, and end-stage renal disease are covered. The interrelationship of medicine and dentistry is stressed.

DHY 4109 Statistical Evaluation of Dental Literature I

This course provides guided direction and practice in reading and interpreting dental literature to enable the student to evaluate critically the reported findings of research studies. It introduces scientific methodology and the use of its attendant statistics, i. e., sample selection, measures of central tendency, measures of variation, tests of significance and correlation coefficients.

DHY 4110 Pain Control I

A lecture course designed to develop an understanding and knowledge of the various techniques of local anesthesia. The course includes the landmarks and relationships of the anatomical structures involved, the chemistry and pharmacology of the local anesthetic solutions, pre-anesthetic evaluation, and the management of complications and emergencies of local anesthesia. A laboratory/clinical session follows the didactic phase. Competence in administering local anesthesia is evaluated in the intermediate and advanced dental hygiene clinical courses.

DHY 4203 Professional Development III

The course is designed to facilitate the transition from student to dental hygiene clinician in a private dental practice. Topics included, but not limited to the use of technology, recall systems, scheduling of patients, maintaining the appointment book, ordering supplies and equipment, and studying state laws and ethics. Students will also be given methods to solve an ethical dilemma as it relates to dental practice. An integral part of the course includes preparation for employment search.

DHY 4204 Interdisciplinary Principles for Dental Hygiene Practice

This course integrates the various disciplines taught in the dental hygiene curriculum. It consists of guest lecturers and case-based exercises.

DHY 4205 Advanced Clinic

This course is a continuation of clinical treatment from Intermediate Clinic with the additional application of duties including sulcular irrigation, tobacco cessation counseling, and pit and fissure sealants. Students have specific local anesthesia requirements. Students are assigned to selected departments within the school, as well as extramural clinics for observation and participation.

DHY 4206 Advanced Clinic Seminars

This course incorporates the literature with the didactic and clinical applications of dental-hygiene care. It promotes the student's understanding of the latest trends and newest technologies in comprehensive dental care.

DHY 4207 Community Dentistry and Public Health Mechanisms

This course focuses on the role of the practicing hygienist in the health ecology of the United States, exploring social issues, consumerism, legislation, alternative systems of health care and other issues. The students are afforded the opportunity for a wide variety of extramural experiences, both observation and participation. The students learn the principles of basic public-health mechanisms of epidemiology, disease measurement, including dental indices, and public-health program planning.

DHY 4209 Statistical Evaluation of Dental Literature II

This course offers a review of current dental hygiene and periodontal literature to provide the basis for understanding current philosophies of theory.

Dental Laboratory Technology

DLT 2101 Dental Morphology

This course is designed to teach the student tooth anatomy along with some relationship to oral anatomy. The course introduces the student to dental language and terminology. This is a technical science, which requires carving and wax build-up techniques. The student is taught the value of tooth anatomy as applied to good esthetics and function in dental restoration.

DLT 2102 Fixed Prosthodontics I

The purpose of this course is to acquaint the student with various requirements for restoring lost tooth structures in the laboratory using techniques and materials as prescribed by the dentist. The dental technician must be able to understand the use of dies and casts in fixed procedures. The student must be able to reproduce lost structures and fabricate a finished product using metals and plastics. This course will employ a combination of both lecture and laboratory sessions aimed at providing the student with skills needed to operate effectively in this vital area of dental technology.

DLT 2103 Fundamentals of Dental Laboratory Technology

This course is designed to give the first-year student the early steps in laboratory procedures. The student will learn model pouring, custom tray making, occlusion rims, mounting casts on articulators, all leading to setting teeth. This course has both lecture and laboratory and is planned to lead the student into the second semester of denture construction. Fixed and removable prosthodontic preparatory procedures are taught in this course.

DLT 2104 Fundamentals of Occlusion I

This lecture laboratory course is designed to provide the student a comprehensive study of theory and practice in occlusal rehabilitation. A primary concern of the dental technologist is the restoration of the occlusal surfaces of teeth of opposing arches together in such a manner that they still function to preserve the health of the masticatory system. The student will study the dynamics of mandibular movement and its effect on tooth form. Principles of articulation and instrumentation will be presented to enable the student to simulate mandibular movements on an articulator. Occlusal restorations will be fabricated in wax on a semi adjustable articulator, according to functional criteria.

DLT 2106 Infectious Disease Control

This is an introductory course providing instructions in blood-borne infections--AIDS and hepatitis. The epidemiology and prevention of these diseases are presented, and a complete infection control policy is presented and discussed in order that the student may function properly in a dental setting. Federal, state, OSHA and medical-center policy concerning legal issues will also be discussed.

DLT 2202 Fixed Prosthodontics II

This course is designed to enhance further the students' knowledge and hand skills by fabricating multi-unit fixed restorations according to work authorization specification. Each class will consist of a lecture and laboratory session through which fixed prosthodontics theory and practice will provide the student with the skills necessary to produce clinically acceptable appliances.

DLT 2204 Concepts of Occlusion II

This is an advanced course designed as a continuation of Fundamentals of Occlusion I. Three additional theories of occlusal rehabilitation will be presented. The student will study the functional relations of the temporomandibular joint. The primary focus of the course is the relationship of the anterior teeth pertaining to form and function. Occlusal restorations will be fabricated in wax on a semi-adjustable articulator, according to the organic theory of occlusion.

DLT 2205 Dental Ceramics I

The purpose of this course is to acquaint the student with procedures and techniques used in restoring lost tooth structures with ceramic materials. Fundamentals of ceramic materials will be taught by lecture and laboratory sessions.

DLT 2207 Complete Dentures I

The aim of this course is to teach students the fundamental skills of fabricating complete dentures for the edentulous patient. The dental technician must have an understanding of the biological and mechanical factors involved in denture construction for the edentulous patient so that the student can better communicate with and serve the needs of the dentist.

DLT 2208 Removable Partial Dentures I

This course is designed to provide the student with intensive study and training in the fabrication of removable partial dentures. The dental laboratory technician must have a thorough understanding of the varying approaches of surveying and framework design to be utilized by dentists. The course employs a combination of lecture and laboratory sessions in order to provide the student with skills the student will need to operate in this vital area.

DLT 3105 Dental Ceramics II

This course is a continuation of Dental Ceramics. The student will study advanced principles of restoring lost tooth structure with porcelain materials. Laboratory exercises include the fabrication of multi-unit porcelain fused to metal bridges, individualized characterization and staining, and porcelain margins. Students are encouraged to pursue individual interests in the ceramic arts.

DLT 3111 Advanced Removable Prosthodontics

This course is designed to give the student further instruction in removable prosthodontics. The basic plan of the course is to divide the lecture and laboratory materials into three major divisions. One part will deal with additional instruction in removable partial design. A second part will be additional instruction in complete dentures. The third division will give the student an introduction to maxillofacial prosthesis. The student will receive both lecture and laboratory learning experiences.

DLT 3112 Professional Ethics

The purpose of this course is to introduce the prospective dental technician to the legal and ethical aspects of the profession of dentistry and dental technology. Its main focus will be on the professional relationship between the dental technician and the dentist. As one of the important links in the process of providing total dental care to every patient, dental technicians must be aware of their responsibility in assuring that the ethical standards of the fields of dentistry and dental technology are maintained.

DLT 3113 Orthodontic Laboratory

This course is designed to teach students how to construct basic orthodontic appliances. Five orthodontic appliances are fabricated with heavy emphasis on wire bending. Lectures are geared to understanding the orthodontic classification system, orthodontic terminology, work authorizations, and purposes of the appliances. Finally, the student is exposed to fixed, banded, edged wise cases and surgical orthodontic cases.

DLT 3114 Applied Laboratory Techniques I

This course is designed to provide the student with applied experiences in all phases of laboratory procedure. More specifically, the course is so arranged that the student will gain experience in all areas of basic laboratory work, including fixed prosthodontics, complete dentures, as well as laboratory work in ceramics. To reinforce and extend the learning previously acquired in the program, small-group seminars will be held periodically. DLT students work closely with the senior dental students fabricating dental restorations in partial support of the school clinics. Communication with the dental team, professionalism, and work ethic is emphasized.

DLT 3115 Dental Materials Science I

Materials-science fundamentals, based upon metallurgy, ceramics, polymer science and surface interactions are presented as background for specific product discussions. Emphasis is placed upon laboratory processes, such as precious and non-precious metal fabrication, porcelain manipulation, denture-base polymer curing, and the proper handling of gypsum products. Time will also be spent on other restorative materials of interest to the dentist and the technician. Laboratory sessions provide experience in materials handling and manipulation and do not emphasize technique. Coordination is made with the physics, chemistry and scientific measurements.

DLT 3214 Applied Laboratory Techniques II

This course is designed to provide the student with applied experiences in all phases of laboratory procedure. The course is so arranged that the student will gain experience in all areas of basic laboratory work, including fixed prosthodontics, complete dentures, as well as advanced laboratory work in ceramics. To reinforce and extend the learning previously acquired in the program, small-group seminars will be held periodically. DLT students continue to work closely with the senior dental students fabricating dental restorations in partial support of the schools clinics. Communication with the dental team, professionalism, and work ethic is emphasized.

DLT 3216 Professional Development

The purpose of this course is to give the student a broad view of the dental profession as it is related to the technician. Guest speakers in various specialties will be meeting with the class, and seminar sessions will be used to discuss viewpoints in dentistry. Some periods will be used to review technology subjects in preparation for board examinations.

DLT 3217 Laboratory Management

This course is a combination of laboratory accounting principles and management based upon the manual of the National Association of Dental Laboratories. This course involves both lecture and workshop and introduces a system of business management for both small and large laboratories.

DLT 3218 All Ceramic Restorations Advanced Technique

This is an advanced ceramic course designed to teach dental laboratory students cosmetic aspects of dental restorations utilizing various all ceramic systems that are available in the dental technology industry. This course includes the fabrication of Composite, Alumina, Zirconia, and Pressed Ceramic Crowns.

DLT 4102 Advanced Fixed Prosthodontics

This course provides the Bachelor of Science degree candidate with advanced experiences in fixed prosthodontics. During the laboratory course the students will fabricate fixed bridges with non-rigid connectors, crowns as partial denture abutments, substructures for ERA attachments, and an implant substructure. These practical exercises will be enhanced with technical readings.

DLT 4105 Advanced Ceramics

This course is designed to offer further instruction to the candidate for the Bachelor of Science degree beyond that which is provided in the Associate Degree Program. The course involves procedures performed in the student laboratory including all ceramic crowns. Anterior and posterior porcelain-fused-to-metal restorations with intracoronal and extracoronal attachments. Selected reading will enhance the techniques performed in the laboratory.

DLT 4107 Complete Dentures II

This course is designed to give the baccalaureate degree candidate advanced experiences in complete denture techniques. Designed around an independent study/seminar format, the student will have an opportunity to process an implant-retained denture and to complete the partial denture started in removable partial denture 2. In addition, the seminar will be used to present and discuss denture topics chosen by the course director.

DLT 4108 Removable Partial Dentures II

This course is designed for advanced experiences in the design and construction of removable partial dentures beyond those provided in the Associate Degree Program. In seminars the student will increase one's ability in removable-partial-denture design and construction, complete partial dentures using various attachments, and read selected technical publications.

DLT 4115 Dental Materials Science II

This is a course offered by the Department of Comprehensive Dentistry and Biomaterials. The course includes seminars and lectures on advanced dental materials topics.

DLT 4119 Technical Methods

This course is designed to provide the baccalaureate-degree candidate with additional practical laboratory experience working on actual patient cases. The student will be assigned space in the student laboratory to complete cases assigned from the Senior Dental Student Clinic, Graduate Prosthodontics Student Clinic, and the support laboratories within the school. Each case will be completed under the guidance of a dental laboratory technology faculty advisor. Research experience in the form of literature reviews in an area of interest enhances comprehension of laboratory methodology.

DLT 4220 Laboratory Assignments

This course is an extension of Technique Methods and serves as an added opportunity for baccalaureate-degree candidates to sharpen skills in their chosen specialty area under the

guidance of dental –laboratory-technology faculty. In addition, students will have an opportunity to rotate through the dental-school service laboratories to pursue advanced work in their specialty area.

DLT 4221 Elective Procedures

Elective laboratory time allows the baccalaureate-degree student to pursue a chosen specialty area in which a case presentation will be developed and presented at the conclusion of the course. The elective will be designed and coordinated by the student under the guidance of the course director.

Dentistry

DENT 1101 Gross Anatomy and Neuroanatomy

This course integrates gross anatomy and neuroanatomy; hence, its purpose is to teach the gross anatomical structures of the human body in an effort to provide the student with an understanding of anatomical relations essential for functional application. The course consists of lectures, laboratory dissections, clinical correlations, radiographic anatomy, computerized tutorials and movies, as well as anatomical models.

DENT 1103 Fundamentals of Operative Dentistry

This lecture and laboratory course teaches the basic principles of cavity design and restoration to prepare students for clinical Comprehensive Dentistry. It teaches procedures necessary to restore teeth with amalgam, cast gold and composite resin. Current bonding systems and adhesive dentistry will be introduced. Cavity preparations are made and restorations placed in extracted natural teeth and plastic teeth in a typodont. The laboratory portion of this course is given in the simulation laboratory to duplicate closely the conditions the student will encounter in the clinic. (Department of Comprehensive Care Dentistry and Biomaterials)

DENT 1104 Oral Diagnosis I

Oral Diagnosis I is an introductory course in oral diagnosis, including didactic and clinical instruction in the techniques of diagnosis. The course will cover the case history, examination of the patient, use of various diagnostic aids, charting procedures, normal anatomy and radiographic techniques. The clinical portion of the course will provide the student with experience in the application of several diagnostic techniques. (Department of Oral Diagnosis, Medicine and Radiology)

DENT 1105 Fundamentals of Dental Radiology

An introductory course in dental radiology, including didactic instruction in radiation physics, radiation biology, radiation hygiene, and radiographic techniques. This course also includes an introduction to the radiological interpretation of normal anatomy, caries, periodontal disease, and periapical disease. (Department of Oral Diagnosis, Medicine and Radiology)

DENT 1106 Introduction to Preventive Dentistry

The preventive dentistry component of the course introduces the student to the theory and practice of preventive dentistry at both the public-health and individual patient-care levels. (Department of Comprehensive Care Dentistry and Biomaterials)

DENT 1107 Dental Morphology

The student's first introduction to the science and art of dentistry, this course examines teeth and their morphology. The students will also develop their artistic and manual skills by carving wax replicas of representative teeth within physiologic parameters. (Department of Prosthodontics)

DENT 1108 Principles of Occlusion

This course teaches the physiology of dental occlusion. Certain concepts will be developed to enable the student to recognize normal structure and normal function of the masticatory system. The focus is on mandibular reference positions and mandibular border and functional movements. (Department of Prosthodontics)

DENT 1109 Professional Development I

This lecture/seminar course is offered in the freshman year and is part of the four-year program to foster professional growth. Designed for the first-year dental student, it provides information to help the student in the transition into professional school and to meet the later demands of the practice of dentistry. The purpose of the course is to introduce the student to the profession, and the course includes such important topics as dental ethics and professional behavior, skills to cope with the rigors of the dental-school curriculum, stress and time management, cross-cultural awareness, opportunities in dentistry and the future of the profession. (Department of Comprehensive Dentistry)

DENT 1110 Dental Information Management Skills

This course teaches dental students the significance, structure, scope, and availability of information in dentistry and related biomedical subjects. By learning how to locate and evaluate dental information, students develop skills applicable to course work, patient care and research. This course includes instruction in searching MEDLINE and finding print and electronic information. Exercises requiring use of library tools familiarize students with dental library resources. (Department of Medical Bibliography)

DENT 1111 Infectious Disease Control

This is an introductory course providing instruction in blood-borne infections—AIDS and hepatitis. The epidemiology and prevention of these diseases are presented, and a complete infection control policy is presented and discussed in order that the student may function properly in a dental setting. Federal, state, OSHA and LSUHSC policies concerning legal issues are also discussed. (Oral Diagnosis, Medicine and Radiology)

DENT 1112 General Histology

This course includes basic cell biology, cell ultrastructure, tissue and organ microanatomy and the development and microanatomy of the craniofacial complex. The course begins with cell biology and the microanatomy of the primary tissues and organ systems. (Department of Oral and Craniofacial Biology)

DENT 1115 Physiology

The principles of cellular and tissue functions and of the regulation and coordination of action of all major organs and systems are studied. Emphasis is placed upon topics that exhibit specific relationships to the health of oral structures and activities that bear direct relationship to problems that arise in dentistry. Computer teaching aids, including didactic animations and power-point presentations, are used in this course. The laboratory is modern. It utilizes computer

recording and analysis for student experiments. Problem solving is also a part of the laboratory environment. The subjects that are studied in laboratory experiments and presented in demonstrations are correlated closely with lectures and conferences. (Department of Physiology)

DENT 1116 Growth And Development

The purpose of this course is to introduce the student to basic concepts of growth and development in the child. Subjects include the birth process, general body growth, neurologic development, craniofacial growth, personality development, language development and dental development. Lectures, by authorities in these particular fields, and assigned reading, augmented with audiovisual materials, are the methods of instruction. (Department of Pediatric Dentistry)

DENT 1117 Cariology

In this course, the student will acquire significant insights into the subject of dental cariology, a study of the occurrence and distribution of dental decay, the caries process and progression, and how to effectively treat dental caries as an infectious disease. This course is designed to consolidate information from many disciplines, to emphasize prevention and reduction of dental caries, and to focus on chemical preventive treatment options, stressing minimal operative intervention and individualizing patient care according to the caries risk assessment of each patient. (Department of Comprehensive Care Dentistry and Biomaterials)

DENT 1118 Microbiology and Genetics

This comprehensive course covers the basic principles of human and microbial genetics, bacteriology, mycology, virology, immunology, parasitology and the application of these subjects to the diagnosis, treatment and prevention of infectious diseases. Lectures are supplemented by informal small-group discussions. Accompanying clinical-case exercises and learning problems, which constitute a major portion of the program, are designed to illustrate principles underlying each area of basic as well as practical diagnostic microbiology and genetics. Major emphasis is on the oral microflora and immune mechanisms in relation to disease states with oral manifestations. Clinical correlations are provided in specific areas by relevant dental and medical school clinical faculty. (Department of Microbiology, Immunology and Parasitology)

DENT 1119 General and Oral Pathology I

This course is an introduction to the study of human disease in general and the oral cavity in particular. Basic principles of pathology are taught and are emphasized when diseases of the various systems of the body are surveyed (Department of Oral Pathology).

DENT 1120 Biochemistry & Molecular Biology of the Cell

This course presents an interrelated series of lectures describing the structure and function of chemical components of the living cell. Examination of the physiological chemistry of the cell in health and disease includes the study of the chemical transformations involved in biochemical genetics, macromolecule synthesis, digestion, intermediary metabolism, respiration, excretion, nutrition, endocrine function and homeostasis. Particular emphasis is given to topics having special relevance to dentistry such as blood clotting, HIV and hepatitis virus, calcification, fluoride action, composition of saliva, salivary gland metabolism and biochemical aspects of caries and periodontal disease. (Department of Oral and Craniofacial Biology)

DENT 1121 Oral Histology

This course continues the concepts of histology and embryology of the oro-facial complex. There is in-depth coverage of prenatal facial development, tooth development and the microanatomy of oral hard and soft tissues. Where applicable, the lectures correlate morphology with function as well as with basic clinical significance. (Department of Oral and Craniofacial Biology)

DENT 2102 Preclinical Fixed Prosthodontics

The fundamentals of tooth preparation for extracoronary single-crown restorations and fixed partial denture abutments are emphasized. Principles of fixed appliance design and fabrication are covered. Also, emphasis is placed on treatment restorations as they relate to the periodontium. Clinically related experience is obtained by using ivory mannequins with specific projects and practical examinations and competency examinations done in the state-of-the-art simulation laboratory. Those aspects relating to occlusion are correlated with the occlusion courses. (Department of Prosthodontics)

DENT 2103 Introduction to Complete Dentures

This course is designed to teach the student a basic technique for rehabilitating the completely edentulous patient. This technique will be taught in lecture, simulation laboratory and laboratory. Building upon entering knowledge and skills, the student will be taught concepts and principles of denture construction in the lectures and will develop the necessary skills in the laboratory to prepare the student to treat an edentulous patient in the clinic. (Department of Prosthodontics)

DENT 2105 Introduction to Clinical Comprehensive Dentistry

In this course the student gains valuable clinical experience and skill in the art and science of Comprehensive Dentistry. The student will treat the patient using the knowledge and technique acquired from previous didactic and laboratory courses. (Department of Comprehensive Care Dentistry and Biomaterials)

DENT 2106 Introduction to Periodontics

This basic course in periodontics teaches the gross and histologic features of the normal periodontium. Emphasis is placed on the recognition of the periodontal lesions with an understanding of all the etiologic factors involved in the initiation and the progression of periodontal diseases. Discussions and lectures stress the need to formulate a logical sequence of therapy based on sound biologic principles and on information obtained from a thorough clinical and radiographic examination. A broad overview of all current and accepted treatment procedures, both surgical and nonsurgical, is presented. Pre-clinical sessions in the simulation laboratory will familiarize students with the use of ultrasonic instruments. Clinical sessions provide the opportunity for students to evaluate, diagnose, treatment plan, and provide nonsurgical therapy for patients with mild to moderate periodontal disease. This experience assists the student in implementing the knowledge obtained in the classroom to a clinical environment. Demonstrations of clinical procedures will include patient management, proper aseptic procedures and selected surgical procedures. (Department of Periodontics)

DENT 2108 Diagnostic Radiology

The purpose of this course is to enable students to recognize and name pathological changes and normal anatomy as seen on intra- and extra-oral radiographs because in any dental treatment, diagnosis of the pathological process is of prime importance. Radiographs, though not the only mode for diagnosis, play a major role in enabling the diagnostician to visualize structures not seen on clinical examination. This course will also deal with the normal anatomic landmarks as seen on intra- and extra-oral radiographs. This knowledge will enable the diagnostician to distinguish the radiographic appearance of normal from those of abnormal structures of the human jaws. (Department of Oral Diagnosis, Medicine and Radiology)

DENT 2109 Oral Surgery

The objectives of this course are to instill in the student knowledge and understanding of the principles of surgery and respect for the microbiologic implications inherent in this art and science. It is designed to equip the student with the fundamentals of uncomplicated and complicated exodontias and armamentarium to use and the management of their less serious complications. Clinical and psychological factors in patient evaluation are stressed. (Department of Oral and Maxillofacial Surgery)

DENT 2110 Treatment Planning I

This is an introductory course in treatment planning. Lectures, demonstrations, and practical exercises are used in the teaching of treatment planning based on the total needs of the patient. (Department of Comprehensive Care Dentistry and Biomaterials)

DENT 2111 Professional Development II

This course is an interdisciplinary course that begins with the description of public health and its relationship to dentistry. The course will then cover biostatistics and epidemiology, two disciplines that are important to a dental student's ability to read and to understand medical and dental literature. The objective of the course is to provide the dental student the necessary knowledge to review critically public health, medical and dental literature. The course is taught as an online course through Sharepoint. (Department of Comprehensive Dentistry)

DENT 2112 Principles of Occlusal Equilibration

This course builds on the first-year course Principles of Occlusion. In this course the concepts of optimal, physiologic and pathogenic dental occlusions are introduced. Also, occlusal therapy methods are presented including dental articulators, selective grinding and restorative methods. (Department of Prosthodontics)

DENT 2115 Dental Materials Science

The purpose of this course is to provide an applied and working understanding of the fundamental nature and behavior of dental materials. The course includes the composition, properties, application, and manipulation of metal-ceramic and polymeric dental materials. The success or failure of many forms of dental treatment depends upon the correct selection of materials possessing adequate properties, as well as careful manipulation of these materials. This course provides a fundamental framework for understanding the capabilities and limitations of dental materials. This knowledge is important for all clinical courses and dental treatment that require the use of dental materials. (Department of Comprehensive Dentistry and Biomaterials)

DENT 2116 Introduction to Removable Partial Dentures

As an introduction to removable prosthodontics, the student will, in this course, design and construct a removable partial denture on a mannequin. Emphasis is placed on basic principles of design and construction of removable-partial-denture components. Special attention is also given to the technical aspects of partial-denture construction relating them biologically to the patient to make it more meaningful. The student will also learn impression techniques, intraoral registrations, placement and adjustment of the prosthesis. (Department of Prosthodontics)

DENT 2117 Pediatric Dentistry Lecture I

This course develops the student's understanding of the principles governing the dental treatment of children. The student will review selected topics in the dental literature including the treatment of traumatized anterior teeth, pulp therapy for primary teeth, and the management of the child dental patient. (Department of Pediatric Dentistry)

DENT 2118 Introduction to Orthodontics

These lectures are constructed to describe the characteristics of normal and abnormal occlusion. Stress is placed on the recognition, classification, development and etiology of malocclusion. The influences of growth and development on the stomatognathic system will also be investigated. The course is preparatory to Pre-clinical Orthodontics given in the third-year. (Department of Orthodontics)

DENT 2119 Preclinical Esthetics I

This course will provide the student with the theoretical and practical knowledge for using the various types of adhesive systems and resin cements (chemical, dual and light-cured), in a step-by-step procedure, while preparing and bonding composite inlays, ceramic veneers and ceramic crowns. The course will provide a unified philosophy and define the standard procedures for students and faculty for bonding indirect restorations, leading to a unified teaching philosophy between the three departments involved in bonding procedures. It will provide the necessary continuity from the second to the fourth year Esthetic Clinic. In addition, sessions on bleaching will provide the students with the theoretical and practical knowledge for this conservative procedure (Departments of Comprehensive Dentistry, Comprehensive Dentistry and Prosthodontics)

DENT 2121 General and Oral Pathology II

This course is a continuation of concepts introduced in the first year class. Special emphasis is placed on oral disease, including developmental defects, dental infections, mucosal neoplasms, salivary gland diseases, and odontogenic cysts and tumors. Systemic diseases with oral manifestations and oral diseases with systemic ramifications are discussed. Lectures are reinforced by showing gross and microscopic images of afflicted patients as well as diseased organs and tissues. (Department of Oral and Maxillofacial Pathology, Health Sciences Center)

DENT 2122 Pharmacology

The purpose of this course is to introduce the student to the rational use of drugs in dentistry. With the authority to prescribe drugs comes the responsibility of being knowledgeable in the use of valuable, but often dangerous, therapeutic agents. It is important to recognize that certain generalizations apply to all drugs. These principles of drug action are the initial focus of discussion. The number of drugs continues to grow and will expand in the future.

To limit confusion, emphasis is placed on single, prototypical agents that are representative of the respective drug classes. Through this approach an understanding of the properties of related agents can be more readily achieved, and at the same time differences that may exist between them can be highlighted. Lectures are designed to familiarize the student with basic mechanisms of action of drugs in relation to their physiologic and biochemical effects, their main therapeutic uses and adverse effects. (Department of Pharmacology and Experimental Therapeutics)

DENT 2123 Pain Control I

This section is designed to develop understanding and knowledge of the various techniques of local anesthesia, landmarks and relationships of the anatomical structures involved, the chemistry and pharmacology of the local anesthetic solutions, pre-anesthetic evaluation, and the complications and emergencies of local anesthesia and their management. A clinical orientation period is given at the end of the course in which students perform all of the necessary local anesthesia blocks on each other. (Department of Oral and Maxillofacial Surgery)

DENT 2124 Pain Control II – Part A

Pain Control II is the second of four courses designed to prepare the student for the management of pain and anxiety and medical emergencies in the dental practice. Patient evaluation as it pertains to sedation with nitrous oxide and medical emergency management will be presented at the beginning of the course. In the first half of the course, the majority of the LSUSD material that pertains to the management of medical emergencies in dental practice is presented. Didactic and clinical instruction in the use of nitrous oxide analgesia will follow during the second half of the course in order to qualify the student for the clinical use of this pain control modality in the school. (Department of Oral and Maxillofacial Surgery)

DENT 2126 Special Prosthodontic Techniques

This course uses the knowledge and skills developed in the courses Introduction to Removable Partial Dentures and Introduction to Complete Dentures as a basis for higher level mastery. One of the didactic objectives is to enable a student to learn the theoretical bases for diagnosis, design and treatment planning for removable partial dentures. Additionally, emphasis is placed on diagnosis and basic principles of design and construction of immediate dentures, overdentures and single dentures. Furthermore, the student learns and develops the necessary skills to relines, rebase and repair complete dentures. The laboratory sessions should enable a student to deal successfully with practical cases drawn from clinical practice. At the conclusion of the course, a student should be able to diagnose correctly oral conditions that influence removable prosthodontic treatment, design removable prostheses and write a work authorization form for the laboratory technician. (Department of Prosthodontics)

DENT 2127 Introduction to Implant Dentistry

In this course the clinical concepts important to assure long-term success will be thoroughly discussed. These include, but are not limited to, treatment planning, occlusion, force transfer, maintenance and esthetics, restorative options for the completely edentulous and the partially edentulous patient. It will also have a focus on the restoration of single-unit restorations and 2-implant-supported overdenture. Included in the course are hands-on laboratory sessions to familiarize the student with several implant systems and the use of the various components in clinical practice when treating a single unit and a 2-implant-supported overdenture. The clinical rotation will complement all aspects of this

course. It will introduce the students to the different restorative options and techniques presently used in implant dentistry. It will also provide the students with a thorough exposure to the different techniques for implant maintenance. (A multidisciplinary faculty from the departments of oral and maxillofacial surgery, periodontics and prosthodontics will teach this course.)

DENT 2128 Preclinical Dental Prophylaxis

Through the pre-clinical dental prophylaxis course the student gains and applies principles and techniques for oral prophylaxis treatment of a dental patient. This information is taught using a lecture, laboratory and clinical format. (Department of Comprehensive Care Dentistry and Biomaterials)

DENT 2129 Internal Medicine

This course presents the basic principles of medicine applied in treating the more common and/or typical diseases of the various systems of the body. Material is presented in a system-by-system approach. Emphasis is generally placed on the understanding of the various disease processes and on medical and pharmacologic treatment, rather than on diagnosis of disease. Throughout the course, the role of the dentist/physician team is stressed in proper dental medical management of the total patient. (Department of Oral Diagnosis, Medicine and Radiology)

DENT 3101 Preclinical Orthodontics

The laboratory exercises in this course emphasize the fabrication and utilization of contemporary orthodontic appliances. In addition, the course introduces students to basic clinical procedures to be performed in the Clinical Orthodontics course. (Department of Orthodontics)

DENT 3102 Pediatric Dentistry Lecture II

This course is a continuation of Pediatric Dentistry Lecture I to develop further the student's understanding of the principles governing the dental treatment of children. Topics include dental arch space management, minor tooth movement, treatment of oral habits, and dental care for handicapped children. (Department of Pediatric Dentistry)

DENT 3104 Clinical Removable Prosthodontics

In this course, the student will learn to diagnose and to increase proficiency in the design, fabrication, and follow-up of complete dentures, removable partial dentures, immediate dentures, and overdentures. Through clinical experience, the student will apply the knowledge and skills gained in the prosthodontic preclinical course. Patient treatment and understanding allow the student to learn how to earn patient trust and cooperation. (Department of Prosthodontics)

DENT 3105 Advanced Clinical Operative Dentistry

The purpose of this course is to develop sound clinical skill and judgment in the placement of a variety of direct and indirect dental restorative materials including composite, amalgam, cast gold and porcelain. Students will learn sound patient management and clinical problem-solving techniques through direct patient care and didactic course work with the goal of gaining the ability to work independently. Confidence in the selection of proper restorative techniques and materials for a variety of clinical needs will be enhanced, and students will learn to evaluate critically new materials and techniques. Successful completion of both didactic and clinical sections is required for completion of this course. (Department of Comprehensive Care Dentistry and Biomaterials)

DENT 3106 Intermediate Periodontics

This course is a continuation of Introduction to Periodontics. Treatment modalities and the biologic basis for various therapeutic procedures will be discussed. The rationale and procedures for management of periodontal diseases will be presented in detail. The basic objective is to provide students with a sound background in all phases of periodontal therapy including assessment of clinical-tissue response and determination of treatment needs. Clinical experience will include the treating of patients possessing moderate-advance periodontal disease, which permits the student to utilize basic non-surgical and surgical procedures emphasized in the didactic material of this course. Emphasis shall be upon initial periodontal therapy and appropriate application of treatment modalities in a proper sequence. (Department of Periodontics)

DENT 3107 Clinical Fixed Prosthodontics

This course will allow the student to gain clinical experience in the discipline of fixed prosthodontics. The student will treat patients requiring single crowns and fixed partial dentures. Patient treatment will allow the student to apply the knowledge and skills gained in the preclinical courses while the student is closely supervised in a clinical setting. The role of fixed prosthodontics, as it relates to other disciplines and total patient care, will be emphasized through detailed treatment plans that encompass all aspects of restorative dentistry. Close cooperation with the removable clinical course is required to facilitate the construction of removable-partial-denture abutment crowns. (Department of Prosthodontics)

DENT 3108 Pediatric Dentistry Clinic

This course provides controlled clinical experiences to teach the third-year student the basic diagnostic and technical skills needed to provide comprehensive dental treatment and good oral health in children. The course also includes a two-week rotation to Children's Hospital as well as pre-clinical simulation laboratory experiences in pediatric dentistry restorative techniques and space maintainer fabrication. (Department of Pediatric Dentistry)

DENT 3109 Clinical Endodontics

In the patient care clinic, all students will treat pulpally involved anterior and bicuspid teeth. The lecture component of the course will supplement the clinical experiences of the student and emphasize the biologic basis of endodontics practice. (Department of Endodontics)

DENT 3110 Advanced Oral Surgery

This comprehensive course will cover a broad scope of clinical problems that commonly confront the dental practitioner. It will cover the diagnosis and surgical management of impacted teeth, preprosthetic surgery, benign odontogenic and nonodontogenic cysts, and tumors of the maxillofacial structures. The principles of biopsy will be covered, as will the diagnosis and medical and surgical management of facial infections. Surgical involvement of the maxillary sinus will be discussed. In addition, there will be an orientation in the fundamentals of diagnosis and treatment of maxillofacial fractures, disorders of the temporomandibular joint, neurologic pain syndromes and dentofacial deformities. (Department of Oral and Maxillofacial Surgery)

DENT 3111 Clinical Orthodontics

The course will support and apply previous principles and philosophies taught in Introduction to Orthodontics and in the Preclinical Orthodontics Laboratory. Each student will be required to treat one case in interceptive or adjunctive orthodontics. These cases typically consist of minor

anteroposterior problems, transverse problems and vertical problems in adult and child patients and are treated using fixed or removable appliances. Small-group seminars will enhance the clinic experience, will expose the students to the diagnosis and treatment of additional minor orthodontic tooth-movement procedures, and will help identify cases that should be referred to a specialist. (Department of Orthodontics)

DENT 3112 Oral Diagnosis and Treatment Planning

This is comprehensive course in oral diagnosis and treatment planning including clinical evaluation, medical history, and patient-treatment planning. In the clinical portion of this course, the student will be required to perform the necessary diagnostic procedures, including radiographs, and to complete the diagnosis and treatment planning for the assigned patients. (Department of Comprehensive Care Dentistry)

DENT 3113 Dental Radiology III

This course is a comprehensive clinical course in dental radiology. Students will receive supervised experience in taking and processing intra- and extra-oral radiographs. They will also receive instruction on the principles of radiological interpretation and will be required to prepare reports on assigned patients. (Department of Oral Diagnosis, Medicine and Radiology)

DENT 3115 Oral Oncology

The objective of this course is to have students gain knowledge about oral care for the oral-cancer patient. The student will be presented the requirements of oral care for oral-cancer patients by the dentist before, during and after oral-cancer therapy either by radiation, surgery or chemotherapy, as well as combinations of these methods. Students will be instructed in the management of problems such as osteoradionecrosis, xerostomia, tooth demineralization (radiation caries), tooth sensitivity, mucositis, edema, necrosis of soft tissue, malnutrition, speech problems, drooling, with special emphasis on prevention. Prosthetic management of the pre- and post-surgical oral - cancer patient will be included. The material will be presented during lectures and supplemented by slide presentations. Lecture handouts will be used to describe in detail the steps for construction of appliances. Subject matter includes pre-surgical aids, prostheses inserted at the time of surgery and post-surgical fabrication, placement and adjustment of appliances to correct maxillary, mandibular and extraoral defects. (Department of Prosthodontics)

DENT 3116 Oral Medicine and Pharmacology

This course will provide instruction in prescription writing along with diagnosis and therapeutic treatment of oral diseases. Also, the course will discuss the practical aspects of clinical pharmacology. The major classes of drugs (antibiotics, analgesics, sedatives, etc.) employed by the practicing dentists will be discussed with the emphasis on correct selection, dosage, duration, action and interaction. In addition, the major classes of drugs that a compromised patient may be taking (cardiovascular, endocrine, psychotherapeutic, etc.) will also receive attention stressing possible interaction with the commonly prescribed dental drugs. At least one lecture session will be devoted to those drugs somewhat unique in the dental profession, such as fluorides, topical steroids for mucosal disease and local anesthetics. (Department of Oral Diagnosis, Medicine and Radiology)

DENT 3118 Introduction to Temporomandibular Joint Dysfunction

In this course, the anatomy and neurophysiology of the masticatory system are reviewed. Epidemiology, etiology, differential diagnoses, methods of evaluation and methods of treatment of temporomandibular disorders are presented. (Department of Prosthodontics)

DENT 3119 Pain Control II B

The purpose of this course is to provide the student with the knowledge of forms of sedation other than nitrous oxide. Oral, nasal, rectal, intramuscular and intravenous sedation are all discussed as well as the pharmacology of the medications given during these techniques. General anesthesia is also discussed in this course. (Departments of Oral and Maxillofacial Surgery)

DENT 3120 Clinical Oral Surgery

This course is designed for students to perform minor oral surgical procedures previously taught in the didactic course, Oral Surgery. It also emphasizes the importance of a complete preoperative evaluation of the patient as well as the operative and postoperative considerations. This course is a three-week rotation in the Oral Surgery Clinic, where each student does the necessary surgeries to make them competent in uncomplicated and complicated exodontias. The simulation lab is also used to introduce them to these techniques and then for their competencies. This course also includes a biopsy clinic, where all types of biopsies and suturing techniques are performed on calf tongue. (Department of Oral and Maxillofacial Surgery)

DENT 3121 Dental Radiosurgery

This course will discuss the basic principles of dental radiosurgery and its clinical application. Specific emphasis will be placed upon the types of electronic currents, equipment, indications and limitations in the technique. Additionally, research results and the clinical use for tissue troughing, recontouring pontic spaces and lengthening clinical crowns will be stressed. The laboratory will provide practical experience in using these techniques on meat. This course will also discuss the history and basic principles of laser surgery, the clinical and basic research in laser surgery and the clinical application of laser surgery and case presentations. (Department of Prosthodontics)

DENT 3122 Professional Development III

The subject matter addressed in this course is designed to meet the needs of third-year dental students as professional and clinical caregivers. The main objective is to enhance the student's competence in response to intrapersonal, interpersonal and social challenges involved in the delivery of dental care. One component of the course focuses on the special issues related to the dental care and treatment of the ever-increasing elderly patient population. Special attention is given to the development of appropriate behavioral skills that focus on the student's clinical behavioral resources necessary for working with dental patients. Ethical issues that pertain to dental practice as they relate to the professional and patients are also discussed. The information presented in this course is also integrated through selected case-based discussion. (Department of Comprehensive Dentistry)

DENT 3123 Implants in Dentistry

In this course the clinical concepts important to assure long-term success will be thoroughly discussed. These include, but are not limited to, treatment planning, occlusion, force transfer, maintenance and esthetics, restorative options for the completely edentulous and the partially edentulous patient. It also has a focus in the restoration of single-unit restorations and the 2-implant-supported overdenture. Included in the course are hands-on laboratory sessions to familiarize the student with several implant systems and the use of the various components in clinical practice when treating a single-unit and a 2-implant-supported overdenture. The clinical rotation will complement all aspects of this course. It will introduce the students to the different restorative options and techniques presently used in implant dentistry. It will also provide the students with a thorough exposure to the different techniques for implant maintenance. (A multidisciplinary faculty from the departments of oral and maxillofacial surgery, periodontics and prosthodontics will teach this course.)

DENT 3125 Differential Diagnosis of Oral Lesions

This course is designed for students to apply the knowledge that they previously gained in oral pathology to clinical situations. Cases are presented in a problem-solving format that is designed to simulate closely clinical settings. The course emphasizes developing and refining the diagnostic skills of the dental student by correlation of clinical, radiographic, and pathologic features. The course also examines current concepts in the etiology, pathogenesis, management, and prognosis of oral abnormalities.

DENT 3126 Preclinical Esthetics II

This course will provide the student with the theoretical and practical knowledge for using the various types of adhesive systems and resin cements (chemical, dual and light-cured), in a step-by-step procedure, while preparing and bonding composite inlays, ceramic veneers and ceramic crowns. The course will provide a unified philosophy and define the standard procedures for students and faculty for bonding indirect restorations, leading to a unified teaching philosophy between the three departments involved in bonding procedures. It will provide the necessary continuity from the second to the fourth year Esthetic Clinic. In addition, sessions on bleaching will provide the students with the theoretical and practical knowledge for this conservative procedure (A multidisciplinary faculty from the departments of Comprehensive Dentistry, Comprehensive Dentistry and prosthodontics will teach this course.)

DENT 3127 Preclinical Endodontics

The main objectives of this lecture and laboratory course are to provide the student with basic concepts and principles of endodontics and to facilitate student proficiency in the technical aspects of orthograde endodontic therapy. This course is intended to provide the foundation skills for each student to be able to provide clinically competent endodontic therapy (uncomplicated cases) for patients. (Department of Endodontics)

DENT 4101 Comprehensive Care Dentistry

The Comprehensive Dentistry fourth-year program was designed to introduce the students to a general practice model. In this clinical course, the students should synthesize and apply the theoretical knowledge and technical skills that they learned in the three previous years in order to render comprehensive care to their patients. The fourth-year experiences are structured to introduce the students to the problems encountered in private practice and to furnish them with added experiences in all of the disciplines of dentistry. The students also participate in study clubs as part of the fourth-year curriculum. The study clubs are designed to provide experience in critical literature review and case presentation. (Department of Comprehensive Care Dentistry and Biomaterials)

DENT 4102 Senior Intermediate Periodontics

This course is a continuation of the third-year course, Intermediate Periodontics, with emphasis on comprehensive periodontal management of the student's patients. Emphasis is placed on supportive periodontal therapy and assessment of treatment responses with appropriate modification of periodontal and restorative treatment plans. The students will continue to refine their diagnostic treatment planning and non-surgical skills. Students may choose to perform uncomplicated surgical procedures for mild-moderate periodontitis. (Department of Periodontics)

DENT 4103 Professional Development IV

The purpose of this course is to help the young professional to develop a thriving "Fee for Service Practice" while fully realizing that dynamic changes and trends in the delivery of dental services are now and will be taking place in the future. The course content will include the following general areas: (1) leadership and philosophy, (2) communication and behavioral science, (3) financial and business management, (4) marketing, and (5) technology. Specifically, the course addresses topics such as developing a practice philosophy and goals; understanding the contractual arrangements of partnership, associateship, and buy-out agreements; understanding the components of dental overhead; enhancing interpersonal communication skills with patients; appreciating the importance of dental ethics and professionalism; understanding the legal ramifications of patient care; implementing effective office systems; and managing/directing office personnel. (Department of Comprehensive Dentistry)

DENT 4104 Pain Control III

Basic considerations in general anesthesia are presented to introduce the student to theories, techniques and principles for the dental patient. The routine course of patient treatment, beginning with admission to the hospital and pre-operative evaluation, the preparation of the patient for a general anesthetic, the operation and follow-up care will be presented. This course covers most alternative measures of pain control including hypnosis, acupuncture, TENS, newer techniques in local anesthesia and others. This course allows the students to perform cricothyrotomies and I.M. injections on cadavers and also includes a summary of medical emergencies in the dental office. (Department of Oral and Maxillofacial Surgery)

DENT 4105 Diagnosis and Treatment of Toothache

The course will concentrate study of the clinical manifestations, diagnosis and treatment of pulpal, referred and periapical pain. Correlations between clinical signs, symptoms, and test results will be studied in order to predictably and efficiently relieve these types of odontogenic pain within time restraints of the emergency appointment. The behavioral and psychological aspects of managing the patient with toothache pain will be discussed in relation to practice management. Difficult diagnostic situations involving fractures of teeth and endodontic-periodontal involvement will be presented with appropriate treatment methodologies. The latest techniques for diagnosis and repair of perforation will be presented. Drug use and abuse by both the patient and dentist will be related to general practice of dentistry. (Department of Endodontics)

DENT 4106 TMJ Clinic Rotation

The fourth-year dental student attends three clinical sessions in the LSU TMJ Clinic where he/she participates actively in the evaluation and management of temporomandibular disorders. (Department of Prosthodontics)

DENT 4107 Rural Practice Rotation

Students spend approximately 125 hours in federally qualified health care clinic in Independence, La.; at the Huey P. Long Hospital in Alexandria, La. and also spend time at the Lafayette Community Health Center in Lafayette, La. These experiences provide an excellent opportunity for students to expand their exposure to preventive, restorative, and oral-surgery experiences in a rural clinic environment. The course is designed to introduce students to the provision of health care services in Louisiana communities with underserved, high-need populations. (Department of Comprehensive Dentistry)

DENT 4108 Advanced Treatment Planning Seminar

The purpose of this course is to expand student thinking in the arena of treatment planning; to change his/her focus from a "requirement mindset," what L.D. Pankey describes as a "tooth dentist," to a mindset that takes into consideration the overall oral health and perceived needs/desires of the patient, what Pankey describes as a "whole person" dentist. The course explores important questions/issues related to "advanced" clinical areas of dentistry such as esthetics, implants, use of attachments, occlusal rehabilitation, and the treatment of patients with compromised general health. The last part of the course will be solely devoted to the presentation/discussion of complex cases. (Department of Comprehensive Dentistry)

DENTISTRY (SELECTIVES)

NOTE: THESE COURSES MAY BE OFFERED DEPENDING ON INSTRUCTOR AVAILABILITY

DENT 4120 Case Analysis in Periodontics

[16 hours] Two of the largest growth areas in dentistry are in the fields of implant dentistry and cosmetic dentistry. Both of these areas have a foundation that relies heavily on the field of periodontics. Since proper periodontal management is a prerequisite for achieving optimum results restoratively, the restorative dentist should be aware of what is possible and feasible from the surgical correction and reconstructive standpoint. This course will provide in-depth exposure to advanced surgical techniques in a variety of clinical situations. This knowledge will assist the general practitioners in making

treatment-planning decisions in many common, but sometimes complicated clinical situations.

DENT 4125 Digital Photography Elective

[6 hours] This course will provide a basic understanding of digital photography and introduce the special considerations necessary for intraoral photography. Both "point and shoot" and single lens reflex cameras will be discussed. Techniques for clinical photography, including patients, study models, shiny objects, and radiographs will be presented, followed by an introduction to computer imaging and patient case presentation.

DENT 4131 Oral and Maxillofacial Surgery Senior Elective

[30 hours] Students will participate in staff OMS cases at clinic, private hospital, and rounds for one-week period.

DENT 4132 Oral Histopathology

[20 clock hours] The purpose of this course is to acquaint students with the histological features of oral diseases and to correlate these features with the clinical presentation. This course should be especially useful for students contemplating entering a surgical specialty of dentistry (oral surgery, periodontics, and endodontics). Evaluation: Attendance and meaningful oral participation.

DENT 4134 Senior Elective Orthodontics Program

[30 hours] The course will support and apply previous principles and philosophies taught in Growth and Development, the Preclinical Orthodontics didactic and laboratory courses, and junior Orthodontic Clinical Course. Students will treat minor anteroposterior problems, transverse problems and vertical problems in adult and child patients and learn to identify cases that should be referred to a specialist. A final grade of "C" or higher in the third-year Clinical Orthodontics course is a prerequisite.

DENT 4135 Advanced Endodontics

[26 hours] Course is to enhance endodontics skills and expand the scope of treatment skills. Students will receive training in more challenging situations including molar therapy, retreatment, difficult access preparation, and optional obturation methods including warm vertical condensation Obtura, Guttaflow, Thermafil and Ultrafil Trifecta. The Endodontic Clinic has been modernized and has the "state of the art" equipment. Undergraduate students should be exposed to the newer concepts of endodontic therapy.

DENT 4136 Basic CAD-CAM

[22 clock hours] This course will involve four preclinical sessions during which the students will learn how to use the CAD-CAM system. They will prepare teeth and construct porcelain inlay and onlay restorations. Following the preclinical and practice, the student will prepare an inlay using the Cerec CAD-CAM system for a patient.

DENT 4138 Nutrition Applied to Dental Practice

[20 hours] Topics include drugs and nutrient interaction, nutrition of salivary glands, nutrition and prostaglandins, nutrition and immune response, nutritional assessment, nutrition and cardiovascular disease, vitamin B complex and oral health, nutrition and fetal growth, lipoprotein disorders, obesity and related implications.

DENT 4140 Externship/Exchange Program

[5 clock hours/week] Externships offer the opportunity to travel and broaden horizons by experiencing dentistry provided in a different environment.

DENT 4141 Clinical Rotation Children's Hospital

[1-100 hours] The purpose of this course is to complement the clinical experience of the pediatric dentistry undergraduate student through direct involvement with Children's Hospital. Students will participate (provide) dental care to patients in the dental clinic and/or in the operating room.

DENT 4142 Oral Surgery Implant Observation

Students will observe patients being treated in various stages of implant treatment. Students will also be introduced to training using the iCAT and other methods to treatment plan multiple type cases.

DENT 4143 Advanced Topics in Dental Research

The focus of this course is to explore and discuss emerging topics within dental research. The class will be taught by both basic science and clinical faculty as topics and expertise will involve Oral and Craniofacial Biology, Comprehensive Dentistry and Biomaterials, Prosthodontics, Periodontics, Pediatric Dentistry, Endodontics and Oral Medicine. Each lecture period will consist of students presenting a primary research article over a topic of his or her choice. The student will be expected to give relevant background necessary to the paper, and present the article in a thorough, scholarly manner to both students, clinical and research faculty (who will be asked to participate based on faculty expertise to the topic at hand). The topic will be discussed and critiqued throughout this process as a means to dissect the paper's relevance, strength and weaknesses and applicability to dentistry.

DENT 4144 Introduction to Bioterrorism

This course will look at dentistry's role in bioterrorism. The basics of bioterrorism, chemical emergencies, radiation terrorism, disaster preparedness and emergency planning will be covered. Past catastrophic events will be analyzed and students will develop their own personal catastrophic response plan.

DENT 4145 Senior Pediatric Dentistry

This course consists of a week-long rotation through the LSU Pediatric Dentistry Clinic and the LSU Dental Clinic at Children's Hospital and the New Orleans Adolescent Hospital. The rotation contains a mix of patient care and observation as well as participating in seminars. Students may elect to register for two weeks if space permits.

DENT 4146 Direct Esthetic Restorations

This course will introduce and reinforce techniques for direct esthetic restorations. Students will develop an understanding of the importance of treatment planning in esthetic dentistry. Principles of preparation design and indications for tooth modification will be demonstrated. Indexing and matrix techniques, shade selection, placement, finishing and polishing of esthetic restorations will be taught. Restoration of badly broken down anterior teeth, direct veneering, diastema closure on other techniques will be discussed.

DENT 4147 The Use of Hypnotherapy in Dentistry

This course will explore and discuss the use of hypnotherapy in treating the dental phobic patient. Additionally, we will look at utilizing hypnosis in controlling pain and bleeding during dental procedures, and teaching self-hypnosis techniques which the clinicians can impart to their patients to

reduce anxiety and fear in future appointments. The course would consist of 4 lecture hours introducing the history of dental hypnotherapy and the basics of the induction process, and then 4 clinical hours in which the students are encouraged to utilize the techniques.

DENT 4149 Baton Rouge LSU South Campus Rotation

The Baton Rouge South Campus rotation allows students the opportunity to perform comprehensive dentistry in an efficient manner using full-time dental assistants. Students can expect to increase their speed in a relaxed environment at the Baton Rouge clinic. Opportunities to work with the General Practice Residents will be available.

DENT 4150 Honors in Research Program

[1-100 hours] It is the primary purpose of this course to expose students to hands-on research and to acquaint them with the use of scientific methods and techniques. This course also will expose the students to the critical evaluation of research publications and provide them with the skills to write and prepare scientific publications and research proposals. In order to promote the retention of students as future faculty it is important to expose these students to the non-clinical aspects of dental research. This exposure requires the one-on-one exposure to existing faculty, and instruction in research design and methodologies. (Minimum for eligibility for Research Honors designation: 150 clock hours over a three-year Period).

DENT 4151 Principles of Management and Business Ethics

Students will be presented with the foundational knowledge to manage a dental practice. The course will cover topics including theories of management and leadership; managing patients; theories of motivation, staff development and training; appraising and rewarding performance; conflict resolution and business ethics. Class meetings will include active learning exercises to stress the points of lectures.

DENT 4160 Honors in Teaching Program

[1-100 hours] The Honors in Teaching Program is an elective program for students who have a definite interest in gaining practical experience in dental education and have a desire to participate in dental education in the future. The students enrolled in this program will have the opportunity to prepare instructional material, tutor and/or provide instruction to dental and dental hygiene or dental laboratory technology students. Depending on their area of interest, students will be given the opportunity to provide instruction in the basic science, preclinical and, in some cases, clinical courses. In order to prepare for their teaching experiences, students will gain knowledge in instructional techniques used by faculty of the School of Dentistry to educate professional students. To enroll in this program, the students must contact the Associate Dean for Academic Affairs, who will work with the student to identify appropriate departments and mentors. Students will be evaluated by the selected mentors and the course director on a 'pass' (successful) or 'fail' (unsuccessful) basis. Successful completion of 150 clock hours of "teaching" credit is required in order to earn the designation of "Honors in Teaching" on the student's LSUHSC transcript. Teaching credit will be determined by the course director and the mentor. Teaching credit will be given for course/lecture/tutoring/program preparation as well as for the time spent delivering the prepared material.

Dentistry (Advanced Education)

DENT 5202 Advanced Dental Materials Science

This post-graduate course will review the fundamentals of dental materials, update the information of the latest development in dental materials, and relate them to the clinic applications. The course content will include the study of the compositions, properties, applications, and manipulation of metallic, ceramic and polymeric dental materials. The course also introduces the graduate students to the common methods and equipment used in dental materials research. Besides lectures and final exam, this course also includes literature reviews and presentations. This course is currently offered every other year (2006, 2008)

DENT 5407 Oral Medicine and Clinical Diagnosis

This course is intended to update and expand the graduate dental students' understanding of current concepts in Internal Medicine and Clinical Diagnosis in the management of medically complex dental patients in an outpatient dental setting. The rationale behind this course is the treatment rendered by the dental specialist requires additional information on common diseases and their management with an emphasis on factors that might significantly influence dental treatment and alter outcomes.

DENT 5507 Advanced Radiology

Advanced Dental Radiology is designed to aid the student in understanding the clinical and research aspects of dental radiology. The course consists of lectures and group seminars covering topics ranging from fundamentals of radiology to advanced imaging modalities.

DENT 5509 Principles of Occlusion

Endodontics

ENDO 5102 Teach Sophomore Preclinical

Teaching allows consolidation of knowledge by requiring instant analysis and judgment in guiding pre-doctoral students in developing skills in preclinical procedures. All students must teach the Preclinical Endodontics Laboratory Course to the sophomore dental students in the Spring Semester of each year. First Year students must also attend all lectures. This course consists of 10 all-day sessions: approximately half of the time is lectures, seminars and demonstrations while the other half is devoted to the development of skills using laboratory exercises.

ENDO 5103 Topical Literature Review

The main purpose of this course is to aid the students in the development of an endodontic philosophy based on available research evidence. The students will also develop skill in the evaluation and interpretation of scientific articles. The students use this philosophy in the selection of procedures performed in the clinic. The dental literature offers the most accessible means for the practitioner to develop a philosophy and to update knowledge and skills. This course uses articles from the dental literature to present classical and current philosophies in selected subject areas. Development of skills in evaluating the literature encourages the student to continue this practice throughout his dental career. The knowledge and skills gained will serve the student well in all clinical procedures and in the successful completion of American Board of Endodontic examinations. Approximately 160 hours are scheduled for the presentation of this course.

Classes meet for approximately 45 sessions of 3 1/2 hours each. Approximately 25-30 articles will be covered in each of the 40 topical sessions.

ENDO 5104 Clinical Endodontic Seminar

The purpose of this seminar is to provide a forum in which clinical experiences can be shared and in which discussion of clinical cases presented will benefit not only the presenter, but all in attendance. Student and faculty presentations of clinical cases will serve as the basis for discussions of diagnosis and treatment philosophies. Individual evaluation of student clinical performance with constructive criticism is also provided. Approximately 80 hours are scheduled for this course on a yearly basis. Seminars meet for 3-hour sessions. Other seminars with guest clinicians are usually added as they are arranged.

ENDO 5105 Endodontic Journal Club

The purpose of this course is to review the current literature for articles pertaining to endodontics. The articles reviewed are evaluated for placement in the Endodontic Literature Review. This allows the student to consider new ideas or information in relationship to classical and current endodontic philosophy. Updating the literature review course is extremely important if one is to keep up with the latest changes in endodontics. The process of reviewing and abstracting the current articles serves as a means of using the skills gained during literature review for comparing and analyzing recent work. There are 14 sessions, each 3 and 1/2 hours. During each session, each article reviewed will be evaluated for the following characteristics: 1) experimental design, materials and methods, and statistical evaluation; 2) reliability and validity of results; 3) relationship of results and conclusion; and 4) value to the literature topic, especially compared to articles already included in respective Literature Review Session.

ENDO 5106 Clinical Endodontics

The clinical emphasis is on developing proficiency with a single basic technique, although competence with alternative techniques is demanded. Clinical experience will include the complete scope of endodontic practice. Medically compromised patients, as well as healthy patients, are treated under appropriate supervision. The range of treatment includes emergency and diagnostic treatment; conservative and surgical therapy; vital and non-vital bleaching procedures; implants, replants, and root-extrusion techniques. A minimum of 300 clinical cases must be completed. These cases must demonstrate a clinically acceptable result. There must be a variety of treatment modalities. Cases are reviewed with all students monthly during Clinical Seminar. Grades are determined by the students' progress in developing stated competencies and proficiencies and by progress toward completion of the required minimum number of cases.

ENDO 5107 Endodontic Research

An original laboratory, animal, or clinical research project must be completed during the 24-month program. This research must result in the production of a publishable manuscript. The results must also be presented in an oral presentation at LSUSD, or in any presentation format at a national meeting (AAE, IADR, etc.). Grades are determined by the students' timely progress in completing the following research activities (appropriate to the research topic): 1) Formulate a research activity, 2) submit a written proposal, in proper format, to the LSUSD Student Research Committee, 3) revision and amendment of the proposal as necessary to receive approval and funding, 4) submit the proposal to the AAE Foundation for funding, 5) obtain Institutional Animal

Care and Utilization Committee approval for studies using animal models, or Institutional Review Board approval for studies using human subjects, 6) conduct the research, 7) analyze the results, and 8) present the results in an oral presentation.

ENDO 5404 Endodontic Office Visitation

This course is intended to acquaint the students with the variety of settings, philosophies, and techniques that can be effective in the private practice of endodontics. Although the students have a wide variety of clinical and patient treatment experiences in the clinical program, there are many organizational and management skills that they do not have the opportunity to develop. This course introduces them to these concepts, and allows them to observe the use of these skills in a private practice setting.

The students will spend 4 or more hours in each of 3 or more endodontic offices for a minimum of 12 hours.

ENDO 5405 Basic Endodontic Review

This course is designed to review current philosophies and techniques of endodontic practice as presented in current textbooks, in order to give the students the opportunity to demonstrate their current endodontic clinical skills, and to allow the students the opportunity to modify their philosophies and techniques and improve their skills.

This course consists of 62 hours in 9 all-day sessions: 16.5 hours of didactic seminars, 42.5 hours of laboratory instruction, reviews, and exercises, and 3 hours of postgrad clinical case review seminar. The seminar sessions consist of a guided discussion of textbook reading assignments. The laboratory sessions guide the students through a self-assessment of their current endodontic techniques and introduce the student to experiences with new materials and techniques. The clinical case review seminar introduces the student to management of complex clinical cases.

ENDO 5406 Teach Junior Clinic

Teaching allows consolidation of knowledge by requiring instant analysis and judgment in guiding pre-doctoral students in reviewing knowledge and rationale and in developing skills in clinical procedures. Second Year students must teach in the Junior Endodontic Clinic and in the Advanced Endodontic Elective Clinic for Seniors. The schedule for this assigned teaching responsibility is included in the Endodontic Postgraduate Schedule. Second Year students also participate in the teaching responsibilities of the Endodontic Department by consultation with students or faculty in other departments. This is done on a time-available basis, depending on student and faculty schedules.

ENDO 5407 Pulpal and Periodontal Biology

The purpose of the Pulpal and Periodontal Biology course is to provide the postgraduate students with an opportunity to review, consolidate, and update their knowledge of the biology of the pulp and periodontium. This course will include a review of current materials and methods necessary for precise and accurate diagnosis, and for appropriate treatment of disease of these tissues. Recent advances in the knowledge of the biochemistry, physiology, and pathogenic mechanisms, and in technology have radically changed methods employed in the diagnosis and treatment of pulpal and periodontal disease. Accurate diagnosis and appropriate application of treatment modalities must be based upon sound biologic principles and upon a firm understanding of tissue - material interactions. This course consists of 12 2-hour sessions and a final 3-hour examination for a total of 27 hours.

Comprehensive Dentistry

GNET 5504 Pain Control and Sedation

This course is intended to provide residents/graduate students with the knowledge prerequisite to the establishment of a dental environment where patients will be able to satisfactorily accept the necessary professional services. Patient evaluation and the psychological aspects of patient management will be presented, along with the modalities of local anesthesia, nitrous oxide, and I.V. sedation. The techniques taught are designed to maintain intact the patient's protective reflexes. The course is intended to provide only the didactic information necessary to safely administer these modalities; it is not designed as a substitute for the vital clinical experiences the residents/graduate students will receive in the other aspects of their training programs.

Microbiology

MICRO 5402 Immunological Aspects of Oral Health Disease

This is a review course covering advanced topics of oral immunology. This course will include the organs and cells of the immune system, the mechanisms associated with innate immunity, the mechanisms associated with adaptive immunity. It will allow the student to distinguish between systemic and mucosal immune mechanisms and relate immune mechanisms to the oral cavity

Oral Biology

(See School of Graduate Studies section for course descriptions.)

Oral Pathology

OPATH 5100 Differential Diagnosis of Oral Lesions

The purpose of this course teaches graduate students and residents the methodology of diagnosing oral diseases. Each classroom session is organized around a clinicopathology conference format during which students are presented with selected oral pathology cases via projected slides and asked to derive a differential diagnosis with emphasis on diagnostic methods and techniques.

OPATH 5501 Pediatric Oral Pathology

The purpose of this course is to provide information on diseases and abnormalities of the oral and maxillofacial regions that affect the pediatric and adolescent age groups. The course will be taught using a lecture and a clinical-pathologic-conference (CPC) problem-solving format in order to develop the diagnostic and management skills expected of dental specialist. The CPC cases are purposely presented in a random order, without regard to categorization or classification, to simulate more closely actual clinical setting.

Orthodontics

ORTHO 5200 Orthodontic Practicum

Students matriculating in the curriculum gain experience with hands on treatment of patients in the clinic in order to see the results of various treatment modalities practiced by the clinical faculty. From their experiences, the students can determine which methods they feel most comfortable with in order to begin developing their own treatment methods to be used upon successful completion of the program.

ORTHO 5201 Orthodontic Seminar

Students matriculating in the curriculum gain experience with diagnosing malocclusions, establishing treatment objectives, and formulating treatment plans for individual cases presented in the seminar on a daily basis. The students present the case's chief complaint, medical and dental histories, clinical exam findings, radiographic exam findings, cephalometric analyses, and diagnostic casts. Using an open format seminar the instructors draw on their own clinical experience to question the students about various aspects of the case being presented. This format offers a unique interaction and discussion between the students and faculty members present for the day. It is expected that with increased exposure to numerous methods of diagnosis, treatment planning, and biomechanical therapy, the students upon graduation have the skills necessary to successfully transition into an orthodontic practice.

ORTHO 5202 Advanced Orthodontic Technique

The purpose of this technique course is to give the first year students an introduction to the materials and wire-bending skills used in treating patients with standard edgewise appliances (0° torque, 0° tip, and 0° rotation). The first year students "treat" cases on orthodontic typodonts to familiarize them with the appliances, instruments, and hand skills that will be used during the treatment of orthodontic patients in the LSU Postgraduate Orthodontic Clinic. The course is taught in conjunction with the Biomechanics course (Ortho 5211) that gives the student an introduction to the principles and application of standard edgewise appliances.

ORTHO 5203 Cephalometric

The purpose of the course is to have the student acquire a working knowledge of Cephalometric Radiology and the ability to apply the information in diagnosing and treatment planning. Students learn the appropriate radiographic techniques, cranial anatomy, cephalometric landmarks, tracing techniques, select analyses with their interpretation and application, how to evaluate changes due to growth and/or treatment through superimpositions of serial radiograph tracings, to evaluate normal tooth formation and eruption, and various arch length analyses and their applications.

ORTHO 5207 Orthodontic Theory and Diagnosis

The faculty gives lectures and reading assignments on the history, theory, and techniques of edgewise orthodontic procedures. A component of the course includes laboratory wire bending. Soldering and detailed wire bending in a modified Tweed philosophy is taught. The students are expected to be proficient in these areas when the course is completed.

ORTHO 5208 Practice Administration

The course is designed to give the residents exposure to practice management techniques that will help them during their initial years in private practice. The course is customized on a yearly basis in order to address the needs of the individual graduates (e.g. – partnership vs. solo practice).

ORTHO 5209 Journal Club

The first and second year Journal Club is a sixteen-hour course, meeting every other week that involves lecture and seminar participation. Postdoctoral students have the opportunity to discuss the merits of clinical techniques and philosophies. The purpose of the course is to familiarize the students with the classic and contemporary literature that has influenced orthodontics and to critically analyze the literature that they have read and will be exposed to. They are encouraged to consider the principals, described in valid literature, as foundations for the development of their clinical and philosophical protocols.

ORTHO 5210 Research

Through the performance of a research project, the students must select a topic, perform a literature search, formulate an experimental design, collect the data and perform appropriate statistical analyses, interpret the results, and present the project (written and orally). All of these tasks give the student an appreciation for the effort necessary to produce quality research. Performing the project also assists the students in analyzing professional literature and approaching professional literature in an unbiased manner

ORTHO 5211 Biomechanics

The purpose of this course is to give the first year students an introduction to the principles and applications used in treating patients with standard edgewise appliances (0° torque, 0° tip, and 0° rotation). Basic concepts of orthodontic mechanics are covered in this course in an effort to give the student the foundation to draw upon for the diagnosing, treatment planning, and treatment of cases. The course is taught in conjunction with the Advanced Orthodontic Technique course (Ortho 5202) in which the first year students "treat" cases on orthodontic typodonts. The Advanced Orthodontic Technique course familiarizes the students with the appliances, instruments, and hand skills that will be used during the treatment of orthodontic patients in the LSU Postgraduate Orthodontic Clinic.

ORTHO 5214 Surgical Orthodontics

The purpose of this course is to relate the specialties of Orthodontics and Oral and Maxillofacial Surgery in regard to the combined therapy required for treating dentofacial deformities. The emphasis will be on diagnosis and treatment planning from a team approach. The rationale for this course is based upon the need for the proper diagnosis of dentofacial deformities, the need for both dental specialties (Orthodontics and Oral and Maxillofacial Surgery) to be aware of what each can do to correct these deformities, and the need for coordination of treatment planning for the proper execution of therapy.

ORTHO 5217 Case Analysis

The course is divided into three main sections: 1) guidance of eruption, 2) approach to early treatment, and 3) evaluation of long-term post-treatment results. The lecture course is designed to aid the students to gain a better understanding what can be done to alleviate problems later in dental development with appropriate action in the mixed dentition. The discussion about possible intervention includes observing the development of the dentition clinically and radiographically, when to extract deciduous teeth and the

reasoning for these extractions, and when to begin biomechanical therapy in the mixed dentition and the reasoning for initiating early treatment. In addition the course reviews cases that have been followed up after at least ten years post-treatment with complete orthodontic records. Discussion includes observation of dental, facial, and cephalometric changes that occur with maturation of the individual and includes problems encountered in retention

ORTHO 5219 Advanced Orthodontic Techniques 2

The purpose of this course is to enhance the materials introduced in the Advanced Orthodontic Techniques course (Ortho 5202) and in the Seminar course (Ortho 5201) with additional information on different orthodontic treatment philosophies and biomechanical principles including: Tweed mechanics, Roth mechanics, MBT mechanics, and Surgical Orthodontic mechanics. Students will integrate the gnathological (occlusion) principles into orthodontic diagnosis and treatment planning for each of these principles. The treatment mechanics for each discipline will be incorporated into the respective treatment philosophy. Students will familiarize themselves with the cephalometric analyses, software applications and instruments used in each of the philosophies.

ORTHO 5220 Advanced Orthodontic Laboratory

The purpose of this course is to instruct the students in the fabrication, adjustment, and utilization of numerous orthodontic appliances (fixed and removable) used during orthodontic treatment to maintain space, control harmful habits, facilitate orthodontic treatment (interceptive, partial, or comprehensive) and to assist in maintaining alignment and fit of the dentition after completion of active orthodontic treatment.

Pedodontics

PEDO 5300 Advanced Pediatric Dentistry Research

All postgraduate students in Pediatric Dentistry are required to complete a research project pertinent to the specialty of Pediatric Dentistry. The student is allocated time on a weekly basis to develop and pursue the research project. The student is encouraged to have scheduled meetings with the course director and other faculty to evaluate progress and develop new ideas or strategies. A list of research done by former residents is available in the program manual. The research may involve surveys, laboratory studies, clinical observational studies, animal experimental models or human subjects studies.

PEDO 5301 Dental Pediatrics

The practice of Pediatric Dentistry requires collaboration and consultation with various other medical specialties. Pediatricians from various specialties are scheduled to lecture to the residents during seminar on various topics in pediatrics, such as endocrinology, cardiology, hematology & oncology, pulmonology, ENT, etc.

PEDO 5302 Advanced Clinical Pediatric Dentistry Children's Hospital

This clinical course is scheduled at Special Children's Dental Clinic at Children's Hospital. Pediatric patients with various medical conditions are scheduled for dental treatment with the residents. The dental care of these patients involves obtaining consults and/or scheduling sedation or OR appointments. It gives the resident the opportunity to learn about medical problems encountered in children and gain experience in providing comprehensive dental care for them.

PEDO 5304 Case Analysis and Treatment Planning

The purpose of this course is to provide the pediatric dentistry postgraduate student with experience and discipline in thorough case work-up, case analysis and oral presentation. A basis is provided in this seminar format for stimulating discussion for pediatric dentistry concepts as they relate to the practical aspects of providing treatment. A further benefit of this course is to promote the sharing of ideas and substantiated opinions of diagnosis and treatment among faculty as well as other residents. Each postgraduate student makes an oral presentation of a particular case that he/ she has been involved with and has completed dental treatment in a prescribed format (data gathering, prioritized treatment plan and risk/ benefits/ alternatives).

PEDO 5306 Advanced Clinical Pediatric Dentistry Children Hospital

This clinical course is scheduled at Special Children's Dental Clinic at Children's Hospital. Pediatric patients with various medical conditions are scheduled for dental treatment with the residents. The dental care of these patients involves obtaining consults and/or scheduling sedation or OR appointments. It gives the resident the opportunity to learn about medical problems encountered in children and gain experience in providing comprehensive dental care for them.

PEDO 5307 Advanced Clinical Pediatric Dentistry LSU

The general objective of this course is to provide the first and second year postgraduate student with experience in treating children with varied social and medical problems. Through careful supervision, the student should become competent in clinical activities such as complex restorations, space management, orthodontic records, management of trauma to the orofacial complex and the provision of restorative dentistry utilizing conscious sedation. Clinical pediatric dentistry provides the postgraduate student with opportunities to diagnose and treat oral disease and anomalies and traumatic injuries to the dentition.

PEDO 5308 Advanced Pediatric Dentistry Seminar

The objective of this course is to review the significant literature in pediatric dentistry. It is the fundamental didactic experience for the pediatric dentistry resident over the two year program. The first year and second year residents meet jointly meet for this seminar for four hours every week. The seminar topics are available in the program manual; the topics are covered only once in the two year period. Reading assignments are made available to the residents via sharepoint and hard copy of the assignments.

PEDO 5314 Pediatric Rotation Children's Hospital

The postgraduate student is assigned for four weeks of Pediatrics rotation at Children's Hospital. During this assignment he/ she will accompany the hospital pediatric staff on ward rounds as well as participate in pediatric outpatient clinics of pulmonology, ENT, neurology, hematology & oncology, radiology and cardiology. The postgraduate student is responsible to the department of Pediatrics at a level similar to a fourth year medical student.

PEDO 5325 Pediatric Anesthesia Rotation

Training in the pharmacology and physiology of general anesthesia agents and training in techniques of administering general anesthesia is provided through four weeks (each year) of assignment to the Department of Anesthesiology at Children's Hospital. The postgraduate students work under the supervision of pediatric anesthesiology staff at Children's Hospital. Residents go on pre-surgery ward rounds, assist in the administration of anesthesia of all types of surgery and attend post surgery rounds.

Periodontics

PERIO 5404 Research

A seminar, laboratory and/or clinical course during which the postgraduate student identifies, develops a protocol for, performs, analyzes the data for, writes up and presents his/her research project. Various types of projects are supervised by different faculty. One credit is earned each semester. Two additional credits are earned in the final semester.

PERIO 5408 Literature Review Seminar

A seminar course during which postgraduate students review assigned readings, develop abstracts, and present and discuss the articles. Comprehensive Basic Science and Clinical Science reading lists are developed by the program director. A trimester system is used to allow all topics to be discussed twice during the three year program. The course is taken each Fall and Spring semester by all students. Two credit hours are earned each session.

PERIO 5409 Periodontic Clinic

Supervised treatment of patients. Students learn diagnosis and evaluation techniques, determine etiology and prognosis, develop treatment plans (periodontal and overall), perform therapy, and develop maintenance schedules for patients with a variety of periodontal and dental implants needs. Clinic sessions and treatment plans are supervised by full and part-time faculty. One credit is earned each summer semester and two credits every Fall and Spring semester during the three year program.

PERIO 5410 Advanced Periodontic Concepts

This seminar course familiarizes the postgraduate students with advanced concepts in the science and art of clinical periodontics through intense study of textbooks and by means of clinical demonstrations. Two credit hours are earned.

PERIO 5411 Journal Club

A seminar course that reviews and discusses current periodontal and dental implant literature. Reading assignments from recent publications are abstracted and discussed, and compared with concepts discussed in PERIO 5408. One credit is earned each year of the three year program.

PERIO 5412 Graduate Teaching

Second and third year postgraduate students gain experience in teaching dental and dental hygiene students. This involves both clinic and didactic instruction developed under faculty supervision. One credit each is earned at the end of the second and third years of the program.

PERIO 5413 Case Presentation Seminar

Postgraduate students present cases they have treated that include at least one surgery. A complete write up is developed, and clinical and radiographic images are presented to other students and faculty. Discussion of the case follows with the student explaining the diagnosis, etiology, treatment plan, and treatment. This is a year long course and one credit is earned at the end of each year of the three year program.

PERIO 5415 Hospital Periodontics

Clinical rotations through various hospital settings to gain experience in treating patients of all ages with a wide variety of medical problems. One credit is earned on completion of a satisfactory number of supervised cases.

PERIO 5421 Periodontal Postgraduate Immunology

An advanced lecture and seminar course to update and complement basic immunology concepts learned in dental school. Emphasis will be placed on application of these concepts to the periodontal tissues. One credit will be earned. This course is given at irregular times.

PERIO 5422 Periodontal Treatment Planning

A seminar course during which postgraduate students develop and present cases that require multidisciplinary treatment plans. One credit is earned each year during the three year program.

Pharmacology

PHARM 5400 Advanced Dental Pharmacology

Prosthodontics

PROS 5420 Advanced Overview Dental Implantology

This course is presented in the group seminar form. This course presents a current overview of dental implants and the techniques used in their placement and restoration. Also presented are Biophysiology and histology of the implant and bone interface. History of dental implants is presented in this course. This course is intended for prosthodontic residents with emphasis on current placement and restorative techniques.

PROS 5501 TMJ and Facial Pain Clinic

The postgraduate prosthodontic and orthodontic programs allow the student time not only to be exposed but treat patients with a variety of symptoms associated with the temporomandibular joint and facial pain. This course allows the resident to gain insight into different techniques and philosophies required in the treatment of these patients. Students will be taught to diagnose and treat patients with such problems.

PROS 5502 Prosthodontic Literature Review

This bibliography is divided into four main sections. (A) Complete Removable Prosthodontics; (B) Fixed Prosthodontics; (C) Partial Removable Prosthodontics; (D) Maxillofacial Prosthodontics. This divides Prosthodontics for systematic study. In actuality, all the sections are applicable during every clinical eventuality. It is hoped that the students will, with experience, recognize and use this comprehensive knowledge and approach in their practice.

PROS 5503 Prosthodontic Treatment Planning Seminar

All postgraduate students, on a rotational basis, will conduct Treatment Planning Seminars. The general format will consist of presentation of data; review of the clinical situation by means of patient analysis, copies of the periodontal charting, projected Kodachrome slides and radiographs, and study casts (mounting optional); detailed diagnosis; enumeration of etiologic factors; and a comprehensive and detailed treatment plan. If treatment has commenced, procedures and results to date shall be presented both verbally and with visual aids.

PROS 5504 Prosthodontic Journal Club

The students are responsible for articles appearing in the prior months or next most recent issues of the assigned periodicals that are pertinent to the sciences, art and practice of prosthodontics. Each student will legibly abstract the selected articles on one side only of 5 X 8 index cards, and will submit these cards to the postgraduate secretary on the Tuesday preceding the seminar for collation, duplication, and distribution to the other participants. Submission of abstracts of articles not assigned, but felt to be of interest of the group, is encouraged.

PROS 5505 Occlusion and TMJ Dysfunction

This course is presented in the group seminar format. Occlusion and TMJ dysfunction literature, both classic and current, is presented. Residents are to read and present to the group articles of interest as assigned by the course director. This course covers the subject in depth.

PROS 5506 Clinical Management of Mandibular Locomotor System Dysfunction

Clinical management of locomotor system dysfunction is presented in the traditional lecture format. TMJ diagnosis and conservative treatment techniques are presented to a variety of dental specialty residents. Current views of pain management for Temporomandibular Disorder problems are discussed. Various types of occlusal stent therapies and their proper use are presented. This course is presented concurrently with PROS 5505 & PROS 5501

PROS 5507 Periodontal-Prosthesis

The purpose of these seminars is to discuss the treatment of the severely periodontally involved patient and present the basic principle of prosthodontics in the treatment thereof. Current concepts, techniques and theories will be studied based on all scientific and clinical evidence available. Further, a review of the literature will be coordinated through the seminars.

PROS 5511 Prosthodontic Practicum

During the time spent by the dental student in pre-clinical and clinical removable prosthodontics, the majority of effort is directed towards learning a specific technique or philosophy in the fabrication of both removable partial and complete dentures. The time allotted during those courses precludes the exposure of the student to other techniques. The student should be given the opportunity for reinforcement in these techniques.

PROS 5514 Principles of Prosthodontics

Students from various backgrounds need to be introduced to specific philosophies and techniques which will be taught during their program. This course will allow the student to be reevaluated as to his strengths in prosthodontics and gain insight into techniques required in specialized cases, i.e., articulators, occlusion and mandibular movements, dental implants and various aspects of esthetics.

PROS 5517 Conjoint Treatment Plan

This course will be presented in the group seminar format. The course will be scheduled irregularly as treatment plans evolve. It consists of patient case presentations of patients both finished and in treatment. All disciplines of and dental specialties are invited to present problem, routine, and board exam patients.

PROS 5518 Postgraduate Implantology

This course will allow students the opportunity to gain knowledge about implant design, the implant bone interface, the implant soft tissue interface and the prosthodontic considerations, which must be incorporated in the restoration to assure long term success.

FACULTY ROSTER

Emeriti

BRUGGERS, HOWARD, DDS, Northwestern University, 1953
Emeritus Professor of Fixed Prosthodontics

BUTLER, JOHN A., DDS, Loma Linda University, 1959
Emeritus Professor of Comprehensive Dentistry

CAPDEBOSCO, CAMILLE B. JR., DDS, Loyola University (Louisiana), 1963
Emeritus Professor of Comprehensive Dentistry

CARIMI, ANTHONY B., DDS, Loyola University (Louisiana), 1949
Emeritus Professor of Community Health and Dental Hygiene

CARVEL, ROSA I., DDS, Loyola University (Louisiana), 1967
Emeritus Professor of Oral Pathology

CASSINGHAM, ROBERT JACK, DDS, Indiana University School of Dentistry, 1958
Emeritus Professor of Periodontics

CROWE, REUBEN A. JR., DDS, Loyola University (Louisiana), 1959
Emeritus Professor of Comprehensive Dentistry

CLIFTON O. DUMMETT, JR., DDS, Indiana University, 1969
Emeritus Professor of Pediatric Dentistry

FERRARO, EUGENE, DMD, Tufts University, 1946
Emeritus Professor of Oral Diagnosis/Medicine/Radiology

FORTIER, PETER A., DDS, University of Tennessee Health Science Center, 1959
Emeritus Professor of Radiology

GARDINER, JAMES F., DDS, Loyola University (Louisiana), 1969
Emeritus Professor of Prosthodontics

GOLDBERG, ALBERT T. II, DDS, Howard University, 1966
Emeritus Professor of Prosthodontics

GUERRA, LOUIS R., DDS, Loyola University (Louisiana), 1959
Emeritus Professor of Prosthodontics

HATREL, PAUL P., DDS, Loyola University (Louisiana), 1959
Emeritus Professor of Comprehensive Dentistry

HERBERT, FRANK L., DDS, Loyola University (Louisiana), 1948
Emeritus Professor of Comprehensive Dentistry

LEGETT, BENJAMIN J., JR., DDS, Loyola University (Louisiana), 1950
Emeritus Professor of Comprehensive Dentistry

SCHIELE, RAYMOND J., DDS, Loyola University (Louisiana), 1956
Emeritus Professor of Prosthodontics

SHAYE, ROBERT, DDS, New York University, College of Dentistry, 1963
Emeritus Professor of Orthodontics

SUNDIN, ROBERT H., DDS, University of Illinois, 1950
Emeritus Professor of Comprehensive Dentistry

ZINCK, JAMES H., DDS, Loyola University (Louisiana), 1959
Emeritus Professor of Comprehensive Dentistry; Eastman Professor of Comprehensive Dentistry

ANDREWS, JOHN, DDS, Medical College of Virginia, 1972
Clinical Assistant Professor of Prosthodontics

ANDRIEU, SANDRA C., PhD, University of New Orleans, 1991
Associate Dean for Academic Affairs and Professor Comprehensive Dentistry, Program in Dental Hygiene

ANZELMO, JOSEPH, DDS, LSU School of Dentistry, 1973
Clinical Assistant Professor of Endodontics

ARCH, GEORGE H., DDS, LSU School of Dentistry, 2002
Clinical Assistant Professor of Endodontics

ARMBRUSTER, PAUL C., DDS, LSU School of Dentistry, 1996
Interim Head and Associate Professor of Orthodontics

ARNOLD, DEBRA C., DDS, LSU School of Dentistry, 1977
Clinical Professor of Prosthodontics

AUCOIN, LEONARD W., JR., MEd, University of New Orleans, 1996
Associate Professor of Clinical Prosthodontics, Director of Program in Dental Laboratory Technology

BADELL, CATHERINE L., DDS, Santa Maria University, 2000
Assistant Professor of Periodontics

BALLARD, RICHARD W., DDS, LSU School of Dentistry, 1992
Assistant Professor of Orthodontics

BARKER, TRICIA S. MEd, University of New Orleans, 2007
Clinical Instructor of Comprehensive Dentistry, Program in Dental Hygiene

BARRE, BARTON C., DDS, LSU School of Dentistry, 1986
Clinical Associate Professor of Prosthodontics

BARSLEY, ROBERT E., DDS, LSU School of Dentistry, 1977
Director of Dental Health Resources/Dental Medicaid and Professor of Oral Diagnosis /Medicine/ Radiology

BATES, MICHAEL L., DDS, MBA, LSU School of Dentistry, 1992
Assistant Professor of Comprehensive Dentistry

BAUDEAN, AUBREY, DDS, LSU School of Dentistry, 1984
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials

BAUDIN II, GERALD A., DDS, LSU School of Dentistry, 2004
Clinical Assistant Professor of Comprehensive Dentistry, Program in Dental Hygiene

BEIER, ERNEST A., DDS, LSU School of Dentistry, 1975
Clinical Assistant Professor of Comprehensive Dentistry

BENOIT, GENEVIEVE M., MEd, University of Southwestern Louisiana, 1992
Associate Professor of Clinical Comprehensive Dentistry, Program in Dental Hygiene

BERCIER, EDWIN L. IV, DDS, LSU School of Dentistry, 2004
Clinical Assistant Professor of Comprehensive Dentistry, Program in Dental Hygiene

BLANCAS, MONICA L., DDS, LSU School of Dentistry, 2000
Clinical Assistant Professor of Comprehensive Dentistry, Program in Dental Hygiene

BLOCK, MICHAEL S., DMD, Harvard School of Dental Medicine, 1979
Professor of Oral and Maxillofacial Surgery

BLYTHE, Jr., David, DDS, Loyola University in New Orleans, 1970
Clinical Assistant Professor of Oral and Maxillofacial Surgery

BRANDER, CRAIG, DDS, LSU School of Dentistry, 1983
Clinical Assistant Professor of Oral and Maxillofacial Surgery

ACOSTA, TRUIT, DDS, LSU School of Dentistry, 1995
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials

AKIN, RICHARD K., DDS, Loyola University (Louisiana), 1968
Clinical Associate Professor of Oral and Maxillofacial Surgery

LSU Health Sciences Center in New Orleans School of Dentistry

- BRANNON, ROBERT B., DDS, Baylor University School of Dentistry, 1966
Associate Professor of Clinical Oral and Maxillofacial Pathology
- BREWER-FORET, DIEDRA L., MED, University of New Orleans, 2005
Assistant Professor of Clinical Comprehensive Dentistry, Program in Dental Hygiene
- BRINDIS, MARCO, DDS, Universidad Intercontinental, Mexico, 1998
Assistant Professor of Prosthodontics
- BRISCO, STEPHEN C., DDS, Louisiana State University, 1986
Associate Professor of Clinical Comprehensive Dentistry
- BROWN, CHRISTOPHER E., DDS, Louisiana State University, 1978
Clinical Assistant Professor of Prosthodontics
- BRUNET, DARLENE P., MED, University of New Orleans, 1990
Director of Student Affairs and Assistant Professor of Clinical Comprehensive Dentistry, Program in Dental Hygiene
- CAO, LINDA, DDS LSU School of Dentistry, 2007
Clinical Assistant Professor of Pediatric Dentistry
- CARIMI, JOHN M., AS, LSU School of Dentistry, 1979
Instructor Dental Health Resources/Dental Medicaid
- CARRUTH, PHILIP L., DDS, University of Tennessee, 1979
Associate Professor of Prosthodontics
- CASADABAN, MICHAEL, DDS, LSU School of Dentistry, 1999
Clinical Assistant Professor of Oral and Maxillofacial Surgery
- CASTELLON, PAULINO, DDS, University of Guadalajara, Mexico, 1996
Assistant Professor of Prosthodontics
- CAVALLINO, CLAUDIA, DDS, LSU School of Dentistry, 2004
Assistant Professor of Pediatric Dentistry
- CAVALLINO, MARVIN, DDS, Indiana University, Loyola University (Louisiana) 1964
Assistant Professor of Pediatric Dentistry
- CHARPENTIER, REBECCA H. DDS, LSU School of Dentistry, 2006
Clinical Assistant Professor of Comprehensive Dentistry, Program in Dental Hygiene
- CHERAMIE, TOBY, DDS, LSU School of Dentistry, 1993
Assistant Professor of Clinical Comprehensive Dentistry
- CHEUK, SHU L., DDS, Washington University School of Dental Medicine, 1973
Professor of Comprehensive Dentistry
- CHICHE, GERARD J., DDS, University of Paris (France), 1980
Professor of Prosthodontics
- CHUSTZ, JOSEPH R., DDS, Loyola University (Louisiana), 1965
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- COLEMAN, CHARLES, DDS, Temple University, 1996
Clinical Assistant Professor of Comprehensive Dentistry
- COMEAX, RANDAL, DDS, LSU School of Dentistry, 1978
Clinical Assistant Professor of Periodontics
- COOK, DEAN, DMD, University of Pennsylvania, 1971
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- COREIL, MARK N., DDS, LSU School of Dentistry, 1986
Clinical Assistant Professor of Orthodontics
- COURTOIS, THERESA, MS, University of Missouri, 1981
Clinical Instructor of Comprehensive Dentistry, Program in Dental Hygiene
- DAGATE, JOHN D., DDS, LSU School of Dentistry, 1980
Associate Professor of Clinical Comprehensive Dentistry and Biomaterials
- DAVIS, ELISKA C., MS, Wright State University, 1987
Assistant Professor of Clinical Comprehensive Dentistry, Program in Dental Hygiene
- DAVIS, DANIELLE, DDS., Meharry Medical Center. 2003
Clinical Assistant Professor of Oral Medicine/Radiology
- DEBOISBLANC, RAPHAEL, DDS, Loyola University of New Orleans, 1958
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- DEJEAN, GANTT, D.D.S, Loyola University (Louisiana), 1972
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials, Program in Dental Hygiene
- DENICOLA, ROSS J., DDS, Loyola University, 1960
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- DESONIER, DAVID, DDS, LSU School of Dentistry, 1981
Assistant Professor of Comprehensive Dentistry and Biomaterials
- DEVEREAUX, Jack P. DDS, LSU School of Dentistry, 1982
Clinical Assistant Professor of Orthodontic
- DONAIRE-PRUDHOMME, PAOLA, DDS, LSU School of Dentistry, 1998
Clinical Assistant Professor of Prosthodontics
- DUBOIS, KENNETH R. DDS, West Virginia University, 1975
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- DUBROC, GLENN C., JR., DDS, LSU School of Dentistry, 1989
Clinical Assistant Professor of Orthodontics
- DURR, AUBREY, DDS, LSU School of Dentistry, 1981
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- DYESS, BRIAN N., DDS, LSU School of Dentistry, 1983
Clinical Assistant Professor of Oral and Maxillofacial Surgery
- ELNAJJAR, SAHAR, DDS, Damascus University (Syria), 1996
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- EVANS, GERALD H., DDS, LSU School of Dentistry, 1979
Interim Head and Professor of Periodontics
- FABRE, KEITH, DDS, LSU School of Dentistry, 2007
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- FAN, YU-WEI, PHD, Tsinghua University (Beijing, China), 2002
Assistant Professor-Research of Comprehensive Dentistry and Biomaterials
- FARRAR, SUZANNE K., MSHCM, University of New Orleans, 2003
Associate Professor of Clinical Comprehensive Dentistry, Program in Dental Hygiene
- FAVALORO, GUY A., DDS, Loyola University (Louisiana), 1963
Clinical Professor of Orthodontics
- FIDEL, PAUL L., PhD, University of Oklahoma, 1988
Associate Dean for Research; Director, Center of Excellence in Oral and Craniofacial Biology; Carl Baldrige Research Professor of Microbiology, Immunology, and Parasitology; Interim Head, Department of Oral and Craniofacial Biology
- FONTENOT, CHARLES J., DDS, LSU School of Dentistry, 1977
Clinical Assistant Professor of Orthodontics

- FOREMAN, EMILY J. DDS, LSU School of Dentistry, 2007
Clinical Assistant Professor of Comprehensive Dentistry, Program in Dental Hygiene
- FOWLER, MELANIE M., DDS, LSU School of Dentistry, 2002
Clinical Assistant Professor of Orthodontics
- FUSELIER, GRACE A., DDS, LSU School of Dentistry, 1984
Clinical Associate Professor of Prosthodontics
- GALLO, JOHN R. III, DDS, M.Ed. LSU School of Dentistry, 1992
Assistant Dean of Clinical Education and Associate Professor of Comprehensive Dentistry and Biomaterials
- GALLAHER, MICHAEL W., DDS, LSU School of Dentistry, 2000
Clinical Assistant Professor of Prosthodontics
- GARBEE, WILLIAM H., DDS, Virginia Commonwealth University, 1975
Associate Professor of Oral Medicine / Radiology
- GOTTSEGEN, MARSHALL I., DDS, Loyola University (Louisiana), 1964
Clinical Professor of Orthodontics
- GREEN, DANA M. BS LSU School of Dentistry, 2003
Clinical Instructor of Comprehensive Dentistry, Program in Dental Hygiene
- GRUNER, RICHARD E., DDS, Loyola University (Louisiana), 1967
Clinical Professor of Prosthodontics
- GUMPERT, CARL, DDS, Loyola University (Louisiana), 1958
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials, Program in Dental Hygiene
- HALL, AUGUSTUS, DDS, LSU School of Dentistry, 2003
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- HARO, HEATHER B. MSHCM, University of New Orleans, 2005
Clinical Instructor of Comprehensive Dentistry, Program in Dental Hygiene
- HARRISON, JAMES D., DDS, Saint Louis University, 1951
Clinical Professor of Prosthodontics
- HASZINGER, AMANDA, DDS, LSU School of Dentistry, 2007
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- HEBERT, MYRA H. Med, University of Louisiana, Lafayette, 2005
Clinical Instructor of Comprehensive Dentistry, Program in Dental Hygiene
- HENRY, CRAIG A., DDS, LSU School of Dentistry, 1977
Clinical Associate Professor of Orthodontics
- HILLER, MICHAEL E., DDS, LSU School of Dentistry, 1987
Clinical Assistant Professor of Orthodontics
- HOCHSTEDLER, J Lee, DDS, University of Tennessee, 1976
Associate Professor of Prosthodontics
- HORNSBY, C. GRADY, JR., DDS, LSU School of Dentistry, 1975
Clinical Associate Professor of Oral and Maxillofacial Surgery
- HOVLAND, ERIC J., DDS, Baltimore College of Dental Surgery, Dental School University of Maryland, 1972
Dean, LSU School of Dentistry and Professor of Endodontics
- HUBAR, J. SEAN, DMD, University of Manitoba, 1979
Professor of Oral Medicine / Radiology
- INDOVINA, ANTHONY A., DDS, LSU School of Dentistry, 1974
Clinical Associate Professor of Oral and Maxillofacial Surgery
- IRELAND, EDWARD J., JR., DDS, Loyola University (Louisiana), 1970
Professor of Comprehensive Dentistry and Biomaterials
- JACKSON, ANTHONY, DDS, LSU School of Dentistry, 1985
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- JEANSONNE, BILLIE G., DDS, Loyola University (Louisiana), 1968
Interim Head and Professor of Endodontics
- KEE, EDWIN, BS, LSU School of Dentistry, 1999
Assistant Professor of Clinical Prosthodontics, Program in Dental Laboratory Technology
- KENT, JOHN N., DDS, University of Nebraska, 1963
Boyd Professor and Head of Oral and Maxillofacial Surgery
- LANG, EBONNT W., BS, LSU School of Dentistry, 2006
Clinical Instructor of Comprehensive Dentistry, Program in Dental Hygiene
- LASSEIGNE, TYLER P., DDS, LSU School of Dentistry, 2003
Clinical Assistant Professor of Prosthodontics
- LEBLANC, JEFFREY, DDS, LSU School of Dentistry, 1993
Clinical Assistant Professor of Orthodontics
- LEDOUX, WILLIAM R., DDS, LSU School of Dentistry, 1977
Clinical Professor of Orthodontics
- LEE, HEEJE, DDS, Yonsei University (South Korea), 1997
Assistant Professor of Prosthodontics
- LEIGH, JANET E., DMD, University of Pennsylvania, 1991
Professor of Comprehensive Dentistry and Head of Department of Oral Medicine/Radiology
- LIBERTO, VINCENT N., DDS, Loyola University (Louisiana), 1957
Assistant Dean for Continuing Education, Professor and Interim Head of Pediatric Dentistry
- LOFTON, HARRIET, BS, Loyola University (Louisiana), 1977
Clinical Instructor of Comprehensive Dentistry and Biomaterials, Program in Dental Hygiene
- LONG, JAMES H., DDS, LSU School of Dentistry, 1982
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- LYNN, LENEISE C., DDS, Harvard University, 1994
Assistant Professor of Endodontics
- MALDONADO, HECTOR R., DDS, LSU School of Dentistry, 1984
Clinical Assistant Professor of Orthodontics
- MARTELLO, FRANCIS G., DDS, LSU School of Dentistry, 1979
Clinical Assistant Professor of Comprehensive Dentistry
- MASON, CAROLINE F., MEd, Loyola University (Louisiana), 1975
Professor of Clinical Comprehensive Dentistry and Director of Program in Dental Hygiene
- MASON, JOHN D., DDS, Virginia Commonwealth University (Medical College of VA), 1974
Associate Professor of Clinical Periodontics
- MC CABE, CHARLES T., DMD, University of Pittsburg, 1976
Clinical Associate Professor of Periodontics
- MC COMBS, MICHAEL, DDS, West Virginia University, 1980
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- MC KEON, DAVID L., DDS, LSU School of Dentistry, 1991
Assistant Professor of Dental Medicaid
- MC KNIGHT, HUGH V., DDS, LSU School of Dentistry, 1978
Clinical Assistant Professor of Comprehensive Dentistry

- MC MINN, ROBERT W., DDS, Loyola University (Louisiana), 1971
Clinical Associate Professor of Orthodontics
- MENDEZ, ARTURO J., DDS, National Autonomous University of Mexico (Mexico), 1974
Interim Head and Professor of Prosthodontics
- MERCANTE, DONALD, PhD, Virginia Poly Technic Institute and State University, 1990
Associate Professor, Research of Comprehensive Dentistry and Biomaterials
- MERMILLIOD, DAVID, DDS, LSU School of Dentistry, 1999
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- MICHAL, BILLY C., DDS, Loyola University (Louisiana) 1961
Clinical Assistant Professor of Pediatric Dentistry
- MISIEK, DALE J., DMD, University of Connecticut School of Dental Medicine, 1978
Clinical Professor of Oral and Maxillofacial Surgery
- MOELLER, LAURIE, DDS, LSU School of Dentistry, 1990
Associate Professor of Clinical Prosthodontics
- MOHAMED, SHAWKY E., B.D.S, University of Cairo, 1961
Professor of Prosthodontics
- MONICA, RONALD A., DDS, St. Louis University Dental School, 1958
Clinical Associate Professor of Periodontics
- MORGAN, KENNETH E., DDS, LSU School of Dentistry, 2003
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials, Program in Dental Hygiene
- MUSSELMAN, ROBERT, DDS, Indiana University School of Dentistry, 1964
Professor of Pediatric Dentistry
- NECAISE, DANNA G. MSHA, University of St. Francis, 2007
Clinical Assistant Professor of Comprehensive Dentistry, Program in Dental Hygiene
- NGUYEN, HIEP Q., DDS, LSU School of Dentistry, 2000
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials, Program in Dental Hygiene
- NGUYEN, KIM T., BS, LSU School of Dentistry, 2004
Clinical Instructor of Comprehensive Dentistry, Program in Dental Hygiene
- NGUYEN, PHUONG L., DDS, LSU School of Dentistry, 2000
Assistant Professor of Orthodontics
- O'BRIEN, MICHEAL, DDS, Loyola University (Louisiana), 1970
Associate Professor of Clinical Oral and Maxillofacial Surgery
- OLINDE, RICHARD, DDS, Louisiana State University, 1975
Clinical Assistant Professor of Pediatric Dentistry
- OLIVIER, BRIAN J., DDS, LSU School of Dentistry, 2002
Clinical Assistant Professor of Orthodontics
- ONCALE, DAVID, DDS, LSU School of Dentistry, 1978
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- O'NEIL, Joseph F., DMD, University of Kentucky, 1971
Clinical Assistant Professor of Orthodontics
- PALAIOLOGOU, ARCHONTIA, DDS, National and Kapodestrian University of Athens, Dental School, 1995
Assistant Professor of Periodontics
- PALAIOLOGOU, ARCHONTIA A., DDS, National and Kapodestrian University of Athens, Dental School, 1995
Assistant Professor of Periodontics
- PALMER, GLEN, PhD, University of Leicester, UK, 2001
Assistant Professor of Oral and Craniofacial Biology
- PARKER, SUSAN, RDH, LSU School of Dentistry, 1975
Assistant Professor of Clinical Periodontics
- PERENACK, JON, DDS, M D, Loma Linda University, 1996
Assistant Professor of Oral and Maxillofacial Surgery
- PERKINS, TERESA, DMD, Harvard University, 1981
Assistant Professor of Pediatric Dentistry
- PHILLIPPE, LYNN, D., DDS, LSU School of Dentistry, 1982
Clinical Assistant Professor of Oral and Maxillofacial Surgery
- PRICE, ASHLEY D., DDS, LSU School of Dentistry, 2006
Clinical Assistant Professor of Comprehensive Dentistry, Program in Dental Hygiene
- QUIN, SHERROD, DDS, LSU School of Dentistry, 1979
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- RASMUSSEN, ROBERT H., EdD, University of New Orleans, 1975
Professor of Comprehensive Dentistry and Biomaterials
- RECORD, BENJAMIN R., DDS, LSU School of Dentistry, 2003
Assistant Professor of Comprehensive Dentistry and Biomaterials
- REGAN, ROBERT L., DDS, LSU School of Dentistry, 1993
Clinical Assistant Professor of Oral and Maxillofacial Surgery
- RICHARDSON, DIONNE, DDS, Meharry Medical College School of Dentistry, 1994
Assistant Professor of Dental Medicaid
- RIPPS, ALAN H., DMD, University of Alabama, 1972
Professor of Clinical Comprehensive Dentistry and Biomaterials
- RITCHIE, JOHN R., DDS, University of Iowa, 1979
Associate Professor and Director of Diversity and Minority Affairs
- RITWIK, PRIYANSHI, DDS, Tamil Nadu Agr University, 2000
Assistant Professor of Pediatric Dentistry
- RIVERA, CLAUDIA, BS LSU School of Dentistry, 2002
Clinical Instructor of Comprehensive Dentistry, Program in Dental Hygiene
- RODRIGUEZ, TOBIAS, PhD, University of Michigan, 2006
Instructor, Department of Oral and Craniofacial Biology
- ROGERS, WILLIAM, CDT, Palm Beach College (Florida), 1978
Clinical Professor of Prosthodontics, Program in Dental Laboratory Technology
- SARKAR, NIKHIL K., PhD, Northwestern University Dental School, (Chicago), 1973
Professor of Comprehensive Dentistry and Biomaterials
- SARPHIE, THEODORE G., PhD, University of Mississippi, 1972
Associate Professor of Cell Biology and Anatomy
- SCHIAVO, JULIE H., M.L.I.S., University of Southern Mississippi, 1996
Instructor of Medical Bibliography
- SCHOTT, KENNETH, DDS, LSU School of Dentistry, 1972
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- SCHWAB, CATHERINE E., DDS LSU School of Dentistry, 1993
Clinical Assistant Professor of Orthodontics
- SCHWANINGER, BERNHARD M., DDS, Zurick, 1970
Clinical Professor of Orthodontics
- SCHWARTZ, ELAINE S., BS, Loyola University (Louisiana), 1977
Clinical Assistant Professor Comprehensive Dentistry, Program in Dental Hygiene
- SERGEANT, ROBERT S., DMD, University of Kentucky College of Dentistry, 1973
Assistant Professor and Head of Comprehensive Dentistry and Biomaterials

LSU Health Sciences Center in New Orleans School of Dentistry

- SHAW-SMITH, PAMELA R., DDS, Georgetown University, 1985
Clinical Assistant Professor of Pediatric Dentistry
- SHOPPER, THOMAS P., DDS, Ohio State University, 1972
Associate Professor of Oral Medicine/Radiology
- SIBLEY, DEPORAH H., MLS, Louisiana State University, 1986
Associate Professor in Medical Bibliography
- SIMMONS, DAVID E. DDS, Loyola University, 1963
Clinical Assistant Professor of Periodontics
- SISON, SHERI M., MDH, University of Tennessee Health Sciences Center, 2007
Clinical Assistant Professor of Comprehensive Dentistry, Program in Dental Hygiene
- SMITH, CHET A., DDS, LSU School of Dentistry, 1990
Associate Professor of Clinical Comprehensive Dentistry & Biomaterials
- SMITH, DEMARCUS D. IV, DDS, LSU School of Dentistry, 1981
Clinical Assistant Professor of Oral and Maxillofacial Surgery
- SMITH, TESSA, DDS, LSU School of Dentistry, 2003
Assistant Professor of Pediatric Dentistry
- SO, JOSEPH S., DDS, Temple University, 2001
Assistant Professor of Prosthodontics
- SORCI, JOSEPH, DDS, LSU School of Dentistry, 1976
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- SPRANLEY, THOMAS, DDS, LSU School of Dentistry, 1983
Assistant Professor-Clinical of Comprehensive Dentistry and Biomaterials
- SPEIER, MICHELLE B., DDS, University of Minnesota, Cambridge, 1989
Clinical Assistant Professor of Endodontics
- ST. ROMAIN, TIMOTHY, DDS, LSU School of Dentistry, 1973
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- STEVENS, HUEY M., DDS, Loyola University (Louisiana), 1954
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials, Program in Dental Hygiene
- STROTHER, ELIZABETH A., AMLS, MBA, University of New Orleans, 1972
Associate Professor of Medical Bibliography
- THIBODAUX, RYAN M., DDS, LSU School of Dentistry, 2000
Clinical Assistant Professor of Prosthodontics
- THUNTHY, KAVAS H., BDS, University of Bombay (India), 1969
Professor of Oral Medicine/ Radiology
- TOM, SAMMY, DDS, LSU School of Dentistry, 2002
Clinical Assistant Professor of Comprehensive Dentistry and Biomaterials
- TOMASZEWSKI, JAMES P, DDS, LSU School of Dentistry, 1974
Clinical Associate Professor, Department of Prosthodontics
- TOSO, DONALD R., DDS, Loyola University (Louisiana), 1966
Clinical Professor of Orthodontics
- TOWNS, TOOLEY M., DDS, Loyola University (Louisiana), 1969
Clinical Associate Professor of Oral and Maxillofacial Surgery
- TOWNSEND, JANICE, DDS, Marquette University, 2005
Assistant Professor of Pediatric Dentistry
- UNLAND, RAYMOND J., DDS, LSU School of Dentistry, 1982
Clinical Assistant Professor of Prosthodontics
- VAN NORTWICK, WALLACE, DDS, LSU School of Dentistry, 1978
Clinical Assistant Professor of Prosthodontics
- VASTARDIS, SOTIRIOS, DDS, University of Athens, 1995
Associate Professor of Periodontics
- VEDROS, LAUREN S., DDS, LSU School of Dentistry, 2000
Clinical Assistant Professor of Endodontics
- VELA, DAVID, BS, Southeastern Louisiana University, 1986
Associate Professor of Clinical Prosthodontics, Program in Dental Laboratory Technology
- WAGUESPACK, GERI M., MS, College of St. Francis, 1987
Clinical Professor of Comprehensive Dentistry, Program in Dental Hygiene
- WALSH, TERENCE E., DDS, Loyola University (Louisiana), 1960
Clinical Professor of Orthodontics
- WEIR, JIM C., JR., DDS, University of Tennessee, 1974
Assistant Dean for Admissions, Professor and Head of Oral and Maxillofacial Pathology
- WELCH, MARK A., DDS, LSU School of Dentistry, 1977
Clinical Assistant Professor of Oral and Maxillofacial Surgery
- WEN, ZEZHANG TOM, Ph.D., University of Nebraska, 1998
Assistant Professor, Department of Oral and Craniofacial Biology
- WHITLEY, JOHN B., DDS, LSU School of Dentistry, 1983
Clinical Associate Professor of Orthodontics
- WILK, RANDALL, DDS, Baylor College of Dentistry, 1987
Clinical Associate Professor of Oral and Maxillofacial Surgery
- WINKLER, MARK M., DDS, LSU School of Dentistry, 1981
Associate Professor of Comprehensive Dentistry and Biomaterials
- XU, XIAOMING, PhD, University of New Orleans, 1996
Assistant Professor- Research of Comprehensive Dentistry and Biomaterials
- YEADON, WILLIAM R., DDS, LSU School of Dentistry, 1981
Associate Professor of-Clinical Comprehensive Dentistry and Biomaterials
- YENUGANTI, JEEVAN KUMAR, DDS, Bapuji Dental College, 2000
Clinical Assistant Professor of Oral Medicine/Radiology
- YU, ALIKA K.F., DDS, SUNY College of Buffalo, 1994
Assistant Professor of Clinical Prosthodontics and Director of Laboratory Services
- ZAVALA, JULIO C., BS, LSU School of Dentistry, 1996
Assistant Professor of Clinical Prosthodontics, Program in Dental Laboratory Technology

RECAPITULATION OF FACULTY

Listed below are active faculty members of the School of Dentistry, by department or other designation, academic rank, and in alphabetical order of each.

Comprehensive Dentistry

PROFESSOR: Cheuk; Ireland; Rasmussen; Ripps, Sarkar;
ASSOCIATE PROFESSOR: Brisco; Dagate; Gallo; Mercante;
Ritchie; Smith; Winkler; Xu; Yeadon
ASSISTANT PROFESSOR: Acosta; Bates; Baudean; Beier;
Cheremie; Chustz; Coleman; Cook; DeBoisblanc;
DeNicola; Desonier; Dubois; Durr; Elnajjar; Fabre; Fan;
Hall; Haszinger; Jackson; Long; Martello; McCombs;
McKnight; Mermilliod; Oncale; Quin; Record; Schott;
Sergent; Spranley; St. Romain; Sorci; Tom

Dental Health Resources, Dental Medicaid

PROFESSOR: Barsley
ASSISTANT PROFESSOR: McKeon; Richardson
INSTRUCTOR: Carimi

Endodontics

PROFESSOR: Hovland; Jeansonne
ASSISTANT PROFESSOR: Anzelmo; Arch; Lynn; Speier;
Vedros

Program in Dental Hygiene

PROFESSOR: Andrieu; Mason; Waguespack
ASSOCIATE PROFESSOR: Benoit; Farrar
ASSISTANT PROFESSOR: Baudin II; Bercier IV;
Blancas; Brewer-Foret; Brunet; Charpentier; Davis; Dejean;
Foreman; Gumpert; Morgan; Necaïse; Nguyen H.; Price;
Schwartz; Sison; Stevens
INSTRUCTOR: Barker; Courtois; Green; Haro; Hebert; Lang;
Lofton; Nguyen,K.; Rivera

Medical Bibliography

ASSOCIATE PROFESSOR: Sibley; Strother
INSTRUCTOR: Schiavo

Oral and Craniofacial Biology

PROFESSOR: Fidel
ASSISTANT PROFESSOR: Wen
INSTRUCTOR: Rodriguez

Oral and Maxillofacial Surgery

PROFESSOR: Block; Kent; Misiek
ASSOCIATE PROFESSOR: Akin; Hornsby, Jr.; Indovina;
O'Brien; Towns; Wilk
ASSISTANT PROFESSOR: Blythe; Brander; Casadaban;
Dyess; Perenak; Philippe; Regan; Smith IV; Welch

Oral and Maxillofacial Pathology

PROFESSOR: Weir
ASSOCIATE PROFESSOR: Brannon

Oral Medicine and Radiology

PROFESSOR: Barsley; Hubar; Leigh; Thunthy
ASSOCIATE PROFESSOR: Garbee; Shopper
ASSISTANT PROFESSOR: Davis; Yenuganti

Orthodontics

PROFESSOR: Favaloro; Gottsegen; Ledoux; Schwaninger;
Toso
ASSOCIATE PROFESSOR: Armbruster; Henry; McMinn;
Walsh; Whitley
ASSISTANT PROFESSOR: Ballard; Coreil; Devereaux; Dubroc;
Fontenot; Fowler; Hiller; Jack; Leblanc; Maldonado;
Nguyen; Olivier; O'Neil; Schwab

Pediatric Dentistry

PROFESSOR: Liberto; Musselman
ASSISTANT PROFESSOR: Cao; Cavallino; Cavallino; Michal;
Olinde; Perkins; Ritwik; Shaw-Smith; Smith; Townsend

Periodontics

PROFESSOR: Evans
ASSOCIATE PROFESSOR: Mason; McCabe; Monica; Vastardis
ASSISTANT PROFESSOR: Badell; Comeaux; Palaiologou;
Parker; Simmons

Program in Dental Laboratory Technology

PROFESSOR: Rogers
ASSOCIATE PROFESSOR: Aucoin; Vela
ASSISTANT PROFESSOR: Kee; Zavala

Prosthodontics

PROFESSOR: Arnold; Chiche; Gruner; Harrison; Mendez;
Mohamed
ASSOCIATE PROFESSOR: Barre; Carruth; Castellon; Fuselier;
Hochstedler; Moeller; Tomaszewski
ASSISTANT PROFESSOR: Andrews; Brindis; Brown; Donaire-
Prudhomme; Gallagher; Lasseigne; Lee; So; Thibodaux;
Unland; Van Nortwick; Yu