



UNIVERSITY OF
LOUISVILLE[®]

SCHOOL OF DENTISTRY

2017-2018

Mailing Address

University of Louisville
School of Dentistry
501 South Preston Street
Louisville, Kentucky 40202

Location

Health Sciences Center

Telephone

Dean's Office: 502-852-5295

Fax: 502-852-3364

Student Affairs: 502-852-5081

Fax: 502-852-1210

Registrar's Office

Belknap Campus: 502-852-6522

School of Dentistry: 502-852-1207

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Department of Anatomical Sciences and Neurobiology
 Department of Biochemistry and Molecular Biology
 Department of Microbiology & Immunology
 Department of Pharmacology & Toxicology
 Department of Physiology & Biophysics

School of Dentistry Departments and Courses

Department of General Dentistry and Oral Medicine
 Department of Orthodontic, Pediatric Dentistry, and Special Care
 Department of Oral Health and Rehabilitation
 Department of Oral Immunology and Infectious Disease
 Department of Surgical and Hospital Dentistry
 Interdisciplinary Studies

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 Administrative Officers of the School of Dentistry
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Graduate Program in Oral Biology

Dental Hygiene Program

Career Counseling

Consult:

Office of Student Affairs
School of Dentistry
Telephone: 852-5081

Office of the Dental Registrar
School of Dentistry
Telephone: 852-1207

Registrar's Office
Belknap Campus
Houchens Building
Telephone: 852-6522

Office of the Bursar
Belknap Campus
Houchens Building
Telephone: 852-6503

Financial Aid Office
School of Dentistry
Telephone: 852-5076

Housing Office
Belknap Campus
Stevenson Hall
Telephone: 852-6636

Department of HSC Public Safety
Abell Building, Suite 120
Telephone: 852-2402

Student Health Services
401 E. Chestnut St., Suite 110
Telephone: 852-6446

Dr. David Scott
School of Dentistry
Telephone: 852-8905

Dental Hygiene Admissions
School of Dentistry
Telephone: 852-5081

School of Medicine
Instructional Bldg. B
Telephone: 852-3846
Career Development Center
2211 S. Brook St.
Houchens Bldg. LL03

Dental Continuing Education

Dental Continuing Education
School of Dentistry
Telephone: 852-5077

Student Government

HSC Student Government Office
Telephone: 852-5041

Postgraduate Programs & Residencies

Endodontic Postgraduate Program

Departments of Oral Health and
Rehabilitation
Telephone: 852-1318

General Practice Residency Program

Department of Surgical and
Hospital Dentistry
Telephone: 852-5083

Oral and Maxillofacial Surgery
Advanced Training Program

Department of Surgical and
Hospital Dentistry
Telephone: 852-5083

Orthodontic Postgraduate Program

Department of Orthodontic, Pediatric
Dentistry, and Special Care
Telephone: 852-5124

Pediatric Dentistry Postgraduate Program

Department of Orthodontic, Pediatric
Dentistry, and Special Care
Telephone: 852-5124

Periodontics Postgraduate Program

Department of Oral Health and
Rehabilitation
Telephone: 852-1213

Prosthodontics Postgraduate Program

Department of Oral Health and
Rehabilitation
Telephone: 852-6928

Departments

Department of General Dentistry and Oral Medicine

Telephone: 852-5661

Department of Molecular, Cellular, and Craniofacial
Biology

Telephone: 852-7507

Department of Orthodontic, Pediatric Dentistry, and
Special Care

Telephone: 852-5124

Department of Oral Health and Rehabilitation

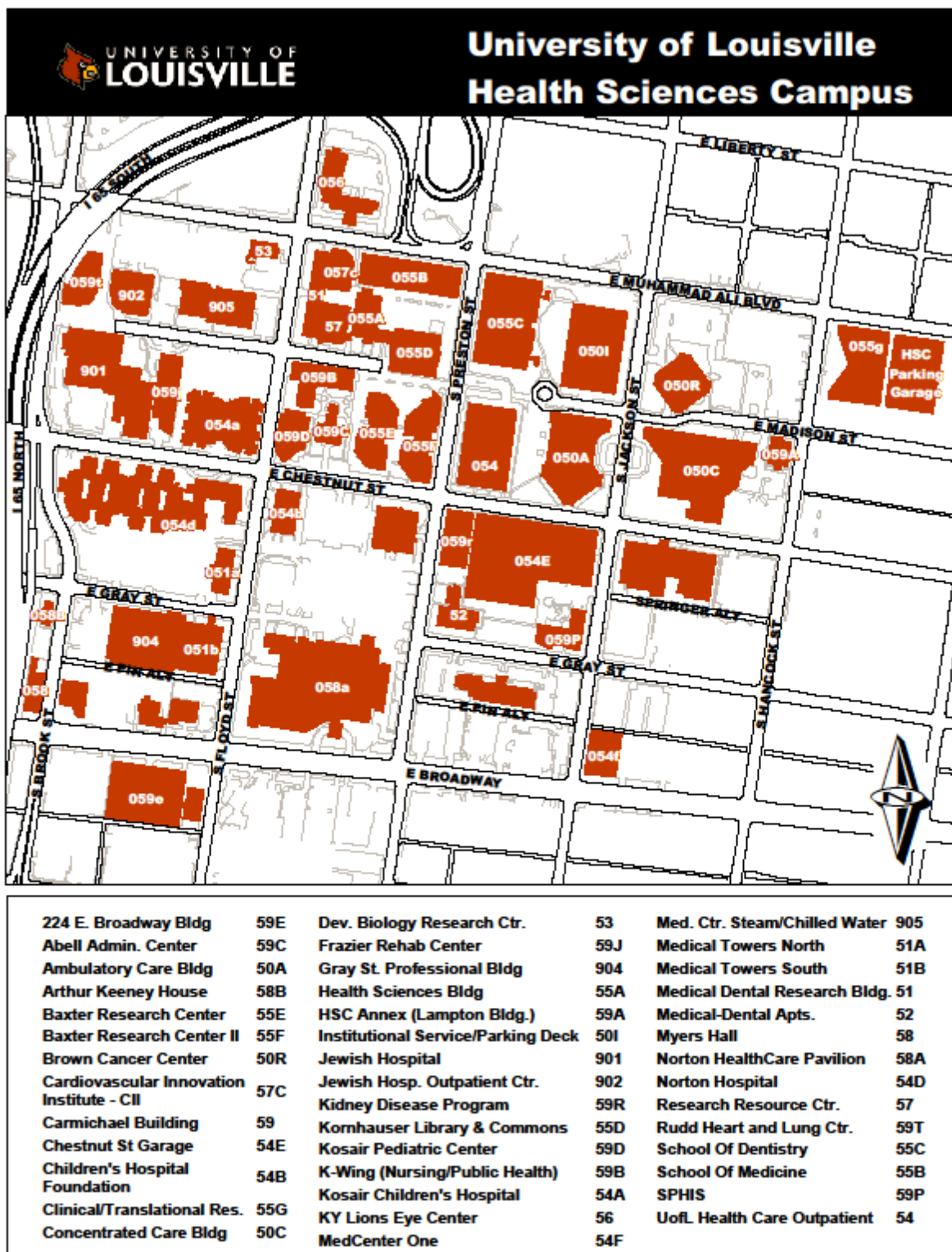
Telephone: 852-6928

Department of Oral Immunology and Infectious Diseases

Telephone: 852-3175

Department of Surgical and Hospital Dentistry

Telephone: 852-5083



“The University of Louisville is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number: 404-679-4501) to award Associate, Baccalaureate, Master’s, Doctoral, and First Professional Degrees (D.M.D., J.D., M.D.).”

The University of Louisville’s School of Dentistry reserves the right to change programs of study, academic requirements, fees, schedules of courses, or the announced academic calendar without prior notice.

The provisions of this publication do not constitute an express or implied contract between the University and any member of the student body, faculty, or general public.

The University of Louisville is an equal opportunity institution and does not discriminate against persons because of race, religion, sex, age, national origin, or handicap.

The REDBOOK is the official statement of the organizational structure, the rules of governance and procedures, and the University-wide policies of the University of Louisville. If there is any conflict between the policies, procedures or other statements contained within this bulletin, the REDBOOK shall govern. Copies of the REDBOOK are under the control of the University Counsel. Official copies are maintained by all University Libraries, the Student Government Association Office, the student grievance officer, and the Vice President for Student Affairs.

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Dean's Office

Message from the Dean:

As the Dean of the School of Dentistry, I am honored to work with outstanding staff, faculty and students at the ULSD. I am excited about the future of our school and the future of dental education. I will work with all the stakeholders (faculty, students, alumni, friends of the Dental School and the university community) to ensure that the University of Louisville School of Dentistry continues to follow the goals set by the University of Louisville 2020 Strategic Plan.

Dentistry's Challenge:

We are continually embracing change, committed to excellence in patient care and research within a contemporary and forward thinking educational environment. We are striving to deliver an innovative and contemporary education to train tomorrow's dentists today.

The School of Dentistry will commit to:

- Educational Excellence
- Research, Scholarship, and Creative Activity
- Community Engagement
- Diversity, Opportunity and Social Justice
- Creative and Responsible Stewardship

T. Gerard Bradley, BDS, MS, Dr.Med.Dent.
Dean

General Information

Health Sciences Center

The University of Louisville Health Sciences Center (HSC) is located just east of downtown Louisville on the Health Sciences Campus and is contiguous to the main properties of three hospital systems—the University Hospital, Jewish Hospital Healthcare Services (JHHS), and Norton Healthcare. Collectively this area, which totals 24 city blocks, is known as the Louisville Medical Center. It is easily accessible from all residential areas of the city. The quadrangle of the HSC includes the Schools of Medicine and Dentistry, the Instructional Building, and the Commons Building which houses an auditorium, library, and café. A building adjacent to the quadrangle houses the School of Nursing, the Children and Youth Health Clinic, and the campus bookstore. The School of Public Health and Information Sciences, administrative offices of the School of Medicine, and conference facilities are housed in the beautifully renovated Abell Administration Building. Other facilities within the Health Sciences complex include the Ambulatory Care Building, an outpatient care facility housing many of the University’s clinical departments and teaching practices as well as the Primary Care Center, and the James Graham Brown Cancer Center, a cancer care and research facility. The Donald E. Baxter and Delia B. Baxter Biomedical Research Buildings total over 17,000 square feet of research space.

History

The University of Louisville, School of Dentistry enjoys a rich heritage in dental education and a reputation for clinical excellence that reaches back to the 1800s.

Since the first class of 10 dentists graduated in 1887, over 7,800 men and women have joined their ranks. With record numbers of outstanding applications – more than 3,000 annually for 120 positions – the school’s tradition of excellence promises to stretch far into the future. More than 1,000 dental hygienists have graduated from ULSD since the program began in 1952. The Dental Hygiene Bachelor of Science program is Kentucky’s only dental hygiene program housed within a dental school.

More than 100,000 patients are seen each year at the dental school. Under the leadership of the ULSD Community Dental Health program, our faculty, staff, and students provide approximately \$1 million worth of dental services to the underserved each year and participate in more than 80 ongoing initiatives to promote oral health.

Innovation in Clinical Education

The University of Louisville, School of Dentistry is a leader in computer-assisted education in both classrooms and clinics. Students can practice clinical skills on lifelike patient mannequins in the Simulation Clinic. The Dental Education Center is outfitted with state-of-the-art equipment. The entire building has wireless access.

The school is newly renovated and designed to provide flexibility and improved patient flow to further enhance students’ clinical education.

Facilities of the School of Dentistry

The three-story School of Dentistry building occupies almost 200,000 square feet at the Health Sciences Center campus. Emphasis has been placed on clinical and laboratory facilities and equipment. Clinical areas have been provided in the School of Dentistry using a cubicle system. In a cubicle, the student conducts his or her practice in an atmosphere of privacy which enhances efficiency and self-confidence in the pursuit of patient-centered care.

The laboratories are multi-disciplinary units which provide an area for individual study and work. Each work station is equipped with both high and low bench positions. The high bench provides all utilities necessary for biological laboratory procedures, while the low bench enables a student to learn preclinical techniques in a sitting position where a patient-simulated manikin and modern equipment closely simulate the clinical environment. Support laboratories adjacent to the unit labs provide areas for technical laboratory procedures.

Research

UofL has emerged as a leader in oral biology research with world class faculty members respected for their discoveries.

- In 2016, the National Institutes of Health (NIH) ranked the University of Louisville, School of Dentistry 17th among all dental schools.
- ULSD grant funding in FY2016 was \$4,443,919.

The University of Louisville, School of Dentistry research program is divided into three sections:

Department of Molecular, Cellular, and Craniofacial Biology

This department conducts fundamental and applied research on cellular and molecular aspects of embryonic development and acquired congenital malformations as well as protein expression and trafficking.

Department of Oral Immunology and Infectious Disease

The department is home to 8 full time faculty and over 50 dedicated staff, students and post-doctoral fellows. The department researchers are involved in cross-disciplinary projects to dissect the molecular and cellular basis of the interactions between oral bacteria and their host, and to define the influence of oral bacteria on diseases in other parts of the body. Oral bacteria persist in the mouth in part by organizing into complex multi-species communities, and have devised sophisticated ways to avoid the attention of the immune system.

Clinical Research

Clinical research is carried out in all of the Clinical Departments in the School of Dentistry.

ULSD STRATEGIC PLAN

2017 – 2020

Introduction:

The University of Louisville's School of Dentistry is a national leader in dental education, research, and service. We will support and expand our leadership position with a commitment to serving the Mission of the University of Louisville, serving the dental health needs of our Commonwealth and nation, by engaging in sponsored research and by educating and training competent health care professionals. We will enhance instructional practices and educational programs through innovative pedagogy and evidenced-based instructional best practices. We believe our commitment to service, innovation in instructional practices, and research will prepare us to address the current evolving dynamic challenges of dental education. We will proactively prepare our students for the future with the knowledge and skills to be excellent oral health care professionals. We will work with partners at the University and beyond to accomplish these goals.

Vision:

We will be national leaders dedicated to the improvement of oral and overall public health of those we serve by providing patient centered care, innovative teaching of health care professionals, and engaging in impactful research.

Mission:

We will improve the oral and overall health of those whom we serve, transforming lives by educating oral health care professionals to provide patient-centered treatment through innovative pedagogical approaches, community engagement, and research.

Core Values:

We will respect all who receive and provide oral health care, embrace diversity, and create a zeal for lifelong learning among those whom we teach, provide a commitment to our community, and demonstrate a dedication to science and discovery that values patients, students, faculty, and staff.

The University and the Community

The health sciences are an integral component of the University of Louisville, although the campus is physically separated from the main Belknap Campus. This relationship gives students and faculty of the Health Sciences Center Campus the support of a diverse educational institution and obligates faculty and students to the total philosophy of the University. The University of Louisville has had close historical ties with the city of Louisville and also with Jefferson County. Founded first in 1798 as Jefferson Seminary and later known as Louisville College, in 1846 it became the University of Louisville and in 1970, a state university.

As a result of this historic development, the University has a special responsibility for the educational and cultural life of this area. This responsibility is reflected in its objectives to preserve and articulate the major elements of man's cultural heritage; assist students in the development of exact, critical, and independent thinking; and further the general education of students, with special emphasis on the recognition of all human values, and of civic and international responsibilities.

The University of Louisville is also well aware of the professional resources it can offer the community of which it is a part and conducts multifaceted programs to use its resources for the benefit of the

communities it serves. The University of Louisville is a vital and integrated component of the city of Louisville, the Commonwealth of Kentucky, and the nation.

Involvement in the community and concern for the community are the basics of University priority. Besides providing the community with educated citizens and competent professionals, the University has demonstrated its concern with environmental factors, social conditions, civic problems, legal questions, and health matters. The faculty and students of the University serve the community in many ways through affiliations with other agencies and through voluntary and independent efforts.

The University of Louisville is the Commonwealth's major urban university and conducts programs related to this mission. The Schools of Medicine, Dentistry, Public Health, and Nursing, have a statewide mission: to provide support services for health practitioners as well as to educate highly competent health professionals. Personnel are intimately involved in long-range health planning for the community and Commonwealth, and their expertise is utilized by individual agency programs and by private health practitioners. The School of Dentistry, deeply committed to community service, constantly seeks ways in which its resources can aid the spectrum of persons throughout the state.

Research activities of the school include the study of the availability of dental services throughout the Commonwealth with the objective of improving the distribution of dentists. Affiliations between the school and several community agencies have been developed to extend and improve dental services provided the agencies and to provide community participation opportunities to students. In addition to many structured programs conducted by the school, concerned students (with faculty support) participate in voluntary community health programs.

The school routinely provides dental service through its clinics and it conducts continuing education activities for practitioners and agencies of the area. Most importantly, it serves the community by graduating highly competent dentists and dental hygienists to help meet the oral health needs of Kentucky.

Drug-Free Schools Notice

As required by the Federal Drug-Free Schools and Communities Act Amendments of 1989, you are hereby notified by the University of Louisville that on University premises or at University-sponsored activities the following acts are prohibited:

1. Distribution, possession, or use of any illegal drug or controlled substance without legal authorization;
2. Providing alcoholic beverages to individuals under 21 years of age, or possession of alcoholic beverages by individuals under 21 years of age; or
3. Illegal possession of an open container of an alcoholic beverage, public intoxication, driving while intoxicated, and drinking alcoholic beverages in an unlicensed public place.

In addition to imposition of disciplinary sanctions under University procedures, including suspension or separation from the University for such acts, students or employees may face prosecution and imprisonment under Federal and Kentucky laws which make such acts felony and misdemeanor crimes.

The health risks associated with the misuse and abuse of mind-altering drugs, including controlled substances and alcohol, include but are not limited to: physical and psychological dependence; damage to the brain, pancreas, kidneys and lungs; high blood pressure, heart attacks, and strokes; ulcers; birth defects; a diminished immune system; and, death.

The Counseling Center and Student Health Services provide assessment and referral services to University students, as well as serving as an alcohol and other drug information/education resource. For further information, call 852-6585.

Admissions Information for the School of Dentistry

Policy

Mission of the Admissions Committee:

The University of Louisville, School Of Dentistry Admissions Committee shall identify, evaluate, and recommend applicants to the Dean who demonstrates the academic, cultural, social, and personal abilities to become safe, competent, beginning general dentists who will serve the community to fulfill our diverse urban and statewide missions.

The Committee on Admissions selects a student on the basis of academic proficiency in pre-dental studies, performance on the Dental Admissions Test, recommendations, and nonacademic factors based on a personal interview. A numerical Admissions Index is used to assist in determining which students will be accepted. Sixty percent of an applicant's index score is based on academic factors and forty percent is based on personal qualities.

Dental students require both cognitive and technical skills to negotiate the curriculum. With this in mind, applicants must be able to meet the [minimum technical standards](#) for admission and matriculation with or without reasonable accommodation.

Candidates for the study of dentistry must have sound ethical and moral character and possess the ability to grow professionally. Applicants for the first-year class of the University of Louisville, School of Dentistry are considered on their own merits, without prejudice regarding race, religion, sex, age, handicap, color, or national origin.

Dentistry is the practice of applied biological science and requires a high degree of technical competence. Since members of the profession have many civic and social responsibilities, a highly developed sense of social awareness is required. An understanding of human nature and human relationships is of utmost importance. In selecting courses in preparation for the study of dentistry, a student should include courses in the natural/physical sciences and in the social sciences and humanities which are the foundations of a liberal education. Additional courses in business, mathematics, and communication skills have proven advantageous to our graduates.

Academic Background

Applicants must have completed a minimum of 90 semester hours of college course work, including 32 hours of science courses, from a U.S. or Canadian school. Applicants who attended an international institution must provide an officially evaluated transcript and must meet all requirements. Applicants who will have earned a baccalaureate degree prior to enrollment are given additional consideration. The Admissions committee reserves the right to modify admission requirements on a case-by-case basis.

Required courses are:

General Chemistry: 2 semesters with labs

Organic Chemistry: 2 semesters with labs

Physics: 1 semester

Biology: 4 semesters

Recommended Biology courses are:

Human Anatomy or comparative anatomy (strongly recommended)

Biochemistry (strongly recommended)

Histology

Physiology

Cellular biology

Microbiology

Immunology

Other upper-level biology courses

It is expected that all applicants will have completed general education requirements and have received a broad exposure to the humanities and social sciences. Additional courses that students have found helpful include fine arts, business, psychology, and communications.

Dental Admission Test

The Dental Admission Test is required of all entering students. Applicants may take the test, via computer, at a date and time of their choosing, but are encouraged to take the test no later than September prior to their anticipated enrollment for the following fall. After registering for the Dental Admission Test through the American Dental Association, applicants may contact a local testing center to schedule a test date. Further information may be obtained from pre-dental advisors, the School of Dentistry, or by writing the Division of Educational Measurements, American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611.

Application

The School of Dentistry participates in the Associated American Dental Schools Application Service (AADSAS). A person interested in making application should go online to: www.adea.org

AADSAS

1400 K Street, NW, Suite 1100

Washington, D.C. 20005

Telephone: 202-289-7201

Students are encouraged to initiate the application process during the summer or early fall to insure sufficient time for processing. Kentucky, out-of-state, and international residents are considered for admission.

Efforts are made to attract minority applicants. All applicants seriously considered for admission must participate in an on-site interview. These individuals are provided information regarding the School's goals, strengths, expectations, and student performance. Financial considerations are also discussed.

Applicants meet with faculty and interact with students. Applications from the American Association of Dental Schools Applications Services (AADSAS) are accepted from June 1 through December 15. The application deadline is December 15 of each year. Approximately 350-400 applicants are interviewed each year to fill a class of 120 (44 Kentucky residents, 76 non-residents).

Letters of acceptance are offered beginning December 1 in accordance with AADSAS policy. A non-refundable deposit of \$200 for in-state, or \$1,000 for out-of-state, is required to reserve a place in the class. The deposit is applied to the cost of registration for the first semester of enrollment. All acceptances are granted contingent upon the satisfactory completion of any college work in progress at the time of acceptance and clearance on an official Certiphi background check. Inquiries concerning admission should be addressed to the following:

Office of Student Affairs
School of Dentistry, Room 234
University of Louisville
Louisville, Kentucky 40292-0001

The School of Dentistry reserves the right to limit enrollment on the basis of scholarship, recommendations, interviews, background checks, and any other factors affecting the admission process.

Timetable of Applications and Acceptance

Filing of formal application

Earliest date: June 1
Latest date: January 1
Application fee: \$65.00

Notification of Acceptance

Earliest date: December 1
Latest date: Varies

Applicant Response to Acceptance

If accepted between December 1 and January 1: 30 days
If accepted between January 1 and February 1: 30 days
If accepted after February 1: 15 days

An advanced tuition fee of \$200 for in-state applicants, or \$1,000 for out-of-state, holds a place in the class. The deposit is non-refundable if applicant cancels acceptance.

Fees and Expenses

Registration Fees

For residents of Kentucky, the tuition for the academic year is \$32,412 annually. For non-residents of Kentucky, the tuition is \$67,564 annually. Questions of resident status should be addressed to the Office of Student Services, University of Louisville, Belknap Campus, Louisville, Kentucky 40292. The amounts include the mandatory student activity and student building fees, but do not include the following:

Fees

| | |
|--|------------------------------|
| Transcript for enrolled students | \$7 mailed; \$10 on the spot |
| Late payment fee | \$100 |
| Transcript after graduation (first one after degree is free) | \$7 mailed; \$10 on the spot |
| Replacement Diploma | \$20 |

Note: Fees and refund schedules are established by the Board of Trustees and are subject to change without prior notice.

Registration Fees (2016-2017)

| | Resident | Non-Resident |
|-------------------|----------|--------------|
| Tuition & fees | \$32,412 | \$67,564 |
| Instrument Rental | 7,000 | 7,000 |
| Total | \$39,412 | \$74,564 |

Payment of Fees and Student Financial Responsibility

University policy requires that registration fees be paid in full at the beginning of each term on or before the designated due date. Payment may be made by cash, money order, or charge card (Master Card, VISA). Other payment options include short-term tuition loan (with repayment occurring during the semester), or financial aid credit. All payment options are detailed on the tuition statement that is mailed to all registered students prior to the start of each semester.

Penalty

The Registrar may discontinue services, including the privilege of registration, to a person having a past due University account. The Bursar's Office ordinarily will accept a check from any person for only the amount which that person owes the University. Checks for larger amounts are not cashed. Checks postdated will not be accepted nor will any check be held for deferred deposit. A \$25 penalty will be charged for returned checks. If such a check and penalty are not paid promptly, the student will be subject to legal action.

Refunds

When a student officially withdraws (see below) from the University or from any course, or courses, for which hourly rates apply, tuition and Student Activity fee charges and credits will be adjusted in the following manner:

| | Semester Charge | Tuition Credit | Fees Credit |
|--|--------------------|-------------------|----------------|
| Withdrawal before the first day of classes | 0% | 100% | 100% |
| Withdrawal through the first week of semester | 0% | 100% | 0% |
| Withdrawal during second week of semester | 50% | 50% | 0% |
| Withdrawal during third or fourth week of semester | 75% | 25% | 0% |
| Withdrawal after fourth week of semester | 100% | 0% | 0% |

This policy applies to all tuition and Student Activity fees except for non-refundable deposits. Special course fees, laboratory fees and the student building fee are refundable only with 100% adjustment.

Withdrawal Policy

The effective withdrawal date is the date on which the withdrawal is processed in the Student Records System. This date is used in calculating any tuition reduction due.

A student who leaves school unofficially, that is, without permission from the Dean's Office, may forfeit all rights to a refund or reduction of account and may receive the mark of "F" in all courses.

Note: The schedules, fees, and regulations specified are subject to change without notice.

Parking

Parking permits are provided for a fee by the University of Louisville. Parking spaces are available to students at the Health Sciences Center campus in designated structures.

Any student planning to drive on the Health Sciences Center campus is required to fill out official automobile registration forms to receive a parking permit. These forms are available in the Office of Public Safety. It is expected that all who avail themselves of the parking facilities provided will do so subject to the rules and regulations of the University and with due regard to the rights of others. Parking tickets must be paid promptly at the Public Safety Office or submitted with a reasonable excuse to the appeal committee; otherwise, such a ticket becomes a charge against the person to whom issued.

The following University parking fees are in effect for 2016-2017 on the HSC Campus

| | |
|------------------|----------------------|
| Student per year | \$379 (white permit) |
| | \$149 (green permit) |

To purchase a permit, pay parking citations or contact the University Parking and Transportation services, visit, <http://louisville.edu/parking>.

Residency Status

13 KAR 2:045. Determination of residency status for admission and tuition assessment purposes.

ULSD accepts both in-state and out-of-state students. A sub-committee of admissions staff use information from the AADSAS application and the ULSD background information form to make initial determination of residency status for admission and tuition assessment purposes. They refer to 13 KAR 2:045 and may use additional documentation to determine the status of applicants who claim Kentucky residency under atypical circumstances.

During the offer period, applicants may petition to the UofL Enrollment Management Office for a change in the residency determination of the sub-committee.

Financial Aid

The Financial Aid Office administers financial aid programs including loans, scholarships, and grants, in accordance with University standards. Funds are limited and are awarded to students who demonstrate need. Financial aid is based on the principle that the primary responsibility for meeting education cost rests with the student. The purpose of financial aid is to help provide a professional education for students who could not attend school without such support. Therefore, parent's income may be analyzed to determine eligibility for some federal financial aid programs.

Various sources of financial aid are available to help the student finance his/her dental education.

Available sources include but are not limited to:

Federal loans administered by the U.S. Dept. of Education:

- Direct Unsubsidized Loan
- Direct Plus Loan

Federal programs administered by the U.S. Dept. of Health and Human Services:

- Health Professions Student Loans (HPSL)
-

American Dental Association Scholarships:

- Dental Student Scholarships
- Inclusion Student Scholarships

UofL Sources

- Alumni and Merit Scholarships
- Summer Research Stipends
- Burgess Loan for students from eastern Kentucky

Numerous private sources:

Students applying to dental school receive information on the types of available financial aid, application procedures, and other useful materials from the Office of Financial Aid, School of Dentistry. Accepted students received additional information.

Applications for Financial Aid

The Office of Financial Aid and Student Employment assist students in meeting their education expenses through scholarships, educational loans, and part-time employment. Any or all of these may be used in varying proportions to help meet financial needs.

Information and application forms for financial aid and information on available scholarships may be obtained from:

Office of Student Financial Aid
Instructional Building, Suite 230
University of Louisville
Louisville, KY 40292

Phone: 502-852-5076

<http://louisville.edu/dentistry/financialaid>

Accommodations and Services

Office of Student Affairs

The Office of Student Affairs of the School of Dentistry coordinates several supportive services for students enrolled in dentistry, dental hygiene, and advanced education programs. Services include coordinating the application process, providing counseling, advising; coordinating tutoring services and serving as a student advocate. The School employs a full time Academic Support Counselor to promote student success.

Office of the Academic Coordinator Sr.

The dental school Academic Coordinator manages all student records and maintains student files for those enrolled in the School of Dentistry. The Academic Coordinator collects and distributes grades and provides services to students who need University records to support their applications for licensure, graduate/postgraduate training, or other positions. The Academic Coordinator's office is located in the Academic Affairs Office.

Housing

Medical/Dental Apartments

The Medical/Dental Complex is located at 627 S. Preston Street on the downtown Health Science Campus. This is a mixed facility of resident apartments, short-term guest apartment units and administrative offices.

The apartments range from studio style to two bedroom apartments. All apartments in this facility are furnished and include full kitchens. Preference is given to students who are enrolled in the health related fields. It is within walking distance of "4th Street Live" and a short drive from Bardstown Road. Med-Dent houses many non-traditional and international students from India, China and Spain.

MDA Residents are required to set up a payment plan or pay their semester balance in full. Residents will need to fill out the Med-Dent Payment Plan and mail it to the Bursar's Office.

24 Hour Visitation

Laundry facilities located on every floor

Playroom located in the basement for children

1 internet drop available per apartment

1 VoIP phone available per apartment

<http://louisville.edu/housing/options/communities/meddent>

Affiliated Apartments

These apartment complexes offer a wide range of housing styles from studio to townhouse options. They may offer six month options as available. Both are located close to University of Louisville Hospital and the Med-Dent Campus. They are a good option for upper class and graduate level students.

Phoenix Place Apartments: 502-582-2801

The Quad: 502-515-2489 (option 3)

Health Insurance

All students are required to carry health insurance which includes insurance for hospitalization. Students should be prepared to show proof of insurance at the time of registration for each term. If the student does not have health insurance from a private carrier, the University of Louisville is pleased to have partnered with Academic Health Plans to provide a student accident and insurance plan to meet the needs of the student body. Students are free to purchase insurance from any source so long as it meets the University's student insurance requirements. Information about these programs can be obtained from:

Cardinal Station

215 Central Ave, Suite 110

Louisville, KY 40208

Appointments/General Info: (502) 852-6479

Student Health Insurance: (502) 852-6519

Fax: (502) 852-0660

Health Promotions and PEACC Program

Student Services Annex (across from campus post office and bursars office.)

2208 South Brook

Louisville, KY 40292

Health Promotion: (502) 852-5429

PEACC Program: (502) 852-2663

Health Sciences Center Office

UofL Health Care Outpatient Center

401 E. Chestnut Street, Suite 110

Louisville, KY 40202

Appointments & General Info: (502) 852-6446

HSC Immunization Program: (502) 852-2708

Student Health Insurance: (502) 852-6519

Fax: (502) 852-6649

Students

Organizations and Activities

American Dental Education Association

The American Dental Education Association (ADEA) is the only organization whose primary objective is the educational process associated with dental and dental auxiliary education. Since ADEA is concerned about the environment in which the student exists and since the Council of Students (ADEA) is the only national forum in which students from all areas of dental education (predoctoral, postdoctoral, hygiene, assisting, and laboratory technology) can come together and share opinions, it is to the student's benefit to participate in significant decision making processes which will affect that environment.

Regional meetings of the Council of Students provide an opportunity to review both local and regional concerns in addition to national issues. Significant impact on the ADEA Policy Statements has originated in regional meetings.

As a member of ADEA, the student has access to the Journal of Dental Education, a monthly publication containing updates on the national issues in dental education.

American Student Dental Association (ASDA)

The School of Dentistry has an American Student Dental Association chapter which was chartered April 14, 1967. The ASDA has as one of its primary functions, the introduction of future dentists into their responsibilities in the professions. The underlying philosophy and professional status of the parent organization, the American Dental Association, carries into ASDA.

Dental students are encouraged to join the American Student Dental Association. The annual student membership fee entitles the student to receive the monthly issue of the Journal of the American Dental Association and to attend local, state, and national meetings. Student members gain free participation in the Group Life Insurance Program which is sponsored by the ADA. Certificates issued provide coverage of \$25,000 plus double indemnity for accidental death. Members of the ASDA are also eligible for the Professional Protector Plan which includes insurance coverage for student dental equipment plus professional liability. Following graduation, qualified student members are admitted to active and full membership in the American Dental Association, subject to ADA rules of membership and at a phased-in reduced dues structure.

American Association for Dental Research Student Research Group (ULSD-SRG)

The American Association for Dental Research sponsors student research groups at each dental school, including SRG meetings at each national AADR annual meeting. The ULSD-SRG welcomes student participation and membership. Students have the opportunity to participate actively in research activities and to present their findings locally, nationally, and internationally.

Louisville American Student Dental Association (LASDA)

The Louisville American Student Dental Association (LASDA) is the official student governing body of the school. The President of LASDA is the official representative of the School of Dentistry on the University Student Senate. LASDA is funded through the Student Government Association and the student activity fee.

LASDA exists to aid dental and dental auxiliary students throughout the course of their education. It sponsors numerous activities: academic, professional, and social. LASDA is composed of the executive officers and representatives from each of the classes of each of the programs of the dental school.

Student National Dental Association (SNDA)

The Student National Dental Association (SNDA) is the student component to the National Dental Association. It was formed by dental students at Meharry Medical College in 1970. It currently stands as the largest minority student organization in the United States. SNDA includes more than 56 colleges and universities across the country including a University of Louisville chapter. SNDA promotes increase in minority enrollment in dental schools and encourages a viable academic and social environment conducive to the mental and professional well being of minority students. It strives to improve the delivery of dental health to all people with emphasis on minorities and the underserved. The SNDA educates and actively involves students of all races and ethnicities in the social, moral, and ethical obligations of the dental profession.

SNDA is also a community based association and works within the community with such programs as the YMCA Black Achievers impressions program and various other annual community programs which entail informing and educating children and adults about the importance of good oral hygiene. SNDA regional and national meetings are held annually to advance and refine the collective efforts of the organization.

Christian Medical & Dental Association (CMDA)

The Christian Medical & Dental Associations exist to motivate, educate, and equip Christian physicians, dentists, and students to glorify God by: living out the character of Christ in their homes, practices, communities, schools and around the world.

Hispanic Student Dental Association

The Hispanic Student Dental Association (HDA) mission is to be the leading voice for Hispanic oral health, and to provide Service, Education, Advocacy, and Leadership (SEAL) for the elimination of oral health disparities in the Hispanic community.

American Association of Women Dentists

The American Association of Women Dentists (AAWD) provides support and education to women dentists. AAWD strives toward the mission of "becoming the recognized resource for connecting and enriching the lives of women dentists."

Asian American Dental Association

The purpose of the Asian American Dental Association (AADA) is to gather dental health care professionals and professional students together to provide quality dental services and education for Asians, Asian-Americans, and other individuals while building cultural awareness to the School of Dentistry and communities.

Student Professionalism and Ethics Association

The Louisville Chapter of the Student Professionalism and Ethics Association in Dentistry (SPEA) is a national, student driven association that was established to promote and support a student's lifelong commitment to ethical behavior in order to benefit the patients they serve and further the dental

profession. The objectives of the Association are to act as a support system for students in strengthening their personal and professional ethics values by: providing a resource for ethics education and development, fostering a non-punitive, open-forum environment for ethics communication, promoting awareness of ethics standards and related issues within dentistry, and collaborating with leadership of the dental profession to effectively advocate for our members. The ULSD chapter of SPEA aims to accomplish these objectives by inviting dental colleges to speak, meetings to discuss relevant topics, and collaborating with the national organization.

Student Activities

Smile Kentucky

Students participate in this program which provides oral health screenings and treatment to children with the greatest need.

D1 Start-Up

LASDA assists in preparing the D1 start-up programs for all incoming D1 dental students and dental hygiene students. Pertinent, useful information is distributed to the students for their reference and use as they begin their course of study.

Research

There are active programs of both basic and clinical research, spanning topics including birth defects, oral immunology, oral health, molecular biology, implantology, radiology, and the relation between oral and systemic disease. Research at ULSD is supported by substantial funding from the National Institutes of Health. Students are encouraged to participate in research activities and each year a minimum of 26 students participate in the summer research program with funding from both internal and external sources.

Fraternities

Alpha Omega and Psi Omega professional fraternities maintain active chapters in the School of Dentistry. Alpha Omega International Dental Fraternity has a chapter in Louisville.

Honors and Awards

To encourage higher scholastic endeavor, leadership, and to stimulate individual study in the various disciplines, honors and awards are given to deserving students. These honors and awards are presented to the recipients at the D4 Celebration Banquet, to which students, their families, and members of the faculty are invited. First and Second Year Basic Science Awards are presented at the Basic Science Awards Program held in January each year.

Alpha Omega Award

The Alpha Omega Award is presented to the graduating dental student who has attained the highest scholastic average in the graduating class.

American College of Dentistry Student Leadership and Professionalism Awards

The Kentucky Section of the American College of Dentistry annually grants an award to the outstanding dental student who has most clearly demonstrated the important characteristics of professionalism and leadership. This honor, which includes an engraved plaque and a cash award, is presented during the

annual meeting of the Kentucky Section of the American College of Dentistry. The student's name also is engraved on the institutional plaque, which is permanently housed in the Office of the Associate Dean for Student and Alumni Affairs.

Basic Science Departmental Awards

Each basic science department recognizes one dental student each year for outstanding academic accomplishments in its discipline. Departmental awards are presented to students during the annual Fall Awards Program, when student accomplishments during the previous academic year are recognized. Awards are given in the following areas: Anatomical Sciences and Neurobiology, Biochemistry and Molecular Biology, Microbiology & Immunology, Physiology, Oral Biology, Pharmacology and Toxicology, and Physiology and Biophysics. Each recipient receives a formal certificate of achievement from the department presenting the award.

Clinical Disciplines

Recognition is made of graduating dental students for outstanding achievement in the following:

- Endodontics:
 - American Association of Endodontics
- Oral and Maxillofacial Surgery:
 - American Association of Oral and Maxillofacial Surgery
 - American Academy of Oral and Maxillofacial Pathology
 - American Dental Society of Anesthesiology
 - X. Elwood Sanders Oral Surgery Award
 - American Academy of Oral and Maxillofacial Radiology
- Oral Medicine:
 - American Academy of Oral Medicine
- Oral Pathology:
 - American Academy of Oral Pathology
- Orthodontics:
 - American Association of Orthodontists
- Pediatric Dentistry:
 - American Academy of Pediatric Dentistry Award
 - Dr. Robert D. Elliott Pediatric Dentistry Award
- Periodontics:
 - American Academy of Periodontology
 - Quintessence Book Award for Clinical Achievement in Periodontics
- Preventive Dentistry:
 - Alliance to the Louisville Dental Society Award
- Prosthodontics:
 - Dentsply International Merit Award in Removable Prosthodontics
 - Hanau Prosthodontic Award
 - L.D. Pankey Occlusion Award
 - Southeastern Academy of Prosthodontics
 - ICOI/Sullivan-Schein Dental Pre-doctoral Achievement Award
 - AAID Undergraduate Dental Student Award
 - Academy of Osseointegration Outstanding Dental Student in Implant Dentistry

- American College of Prosthodontists Predoctoral Student Prosthodontic Achievement Award
- Diagnosis and General Dentistry:
 - Louisville Dental Society Professionalism Award
 - Quintessence Book Award for Clinical Achievement in Restorative Dentistry
 - American Academy of Orofacial Pain
 - Academy of Dental Materials
 - Academy of Operative Dentistry
 - American Academy of Esthetic Dentistry
 - Dr. J.L. Shaver, Jr. FAGD Kentucky Academy of General Dentistry
- Community Dentistry
 - The American Association of Public Health Dentistry
 - The E.B. Gernert Community Service Award
- Pierre Fauchard Award
- Quintessence Book Award for Research
- American Association of Oral Biologists
- Oral Health and Systemic Disease Research Award
- American Association of Women Dentists
- Karen Andrus Award
- American Student Dental Association Award for Excellence
- American College of Dentists Student Leadership and Professionalism Award
- Scholastic Achievement Award of Psi Omega Fraternity
- Alpha Omega International Dental Fraternity Award

Delphi Society

The Delphi Society was chartered in 1980 to officially recognize dental students who have shown exceptional aptitude and interest in dental basic sciences. This is an honorary group dedicated to the recognition of student achievement in biosciences and research. Students are eligible for induction after their successful completion of two full years in the dental curriculum.

International College of Dentists Award

This award is presented to the graduating dental student who has shown the greatest amount of professional growth during the undergraduate dental program.

Omicron Delta Kappa

This national honorary leadership fraternity of outstanding graduates elects students who are outstanding in leadership in fields of scholarship, social and religious affairs, athletics, publications, and speech, music, and dramatic arts. The Omicron Delta Kappa Award is given to the graduating student in each college of the University who, in the opinion of a committee of the faculty, best exemplifies the qualities of leadership encouraged by ODK.

Omicron Kappa Upsilon

Omicron Kappa Upsilon (OKU), a national honor society, was founded in 1914 to recognize exemplary traits of character, scholarship and the potential for future professional growth. Twelve percent of the seniors are selected by OKU faculty members from students in the upper 20% in their class for induction

during a special fraternity dinner in April. The recipients are also recognized during the Senior Awards ceremony in May. Because of its very rigorous selection criteria, OKU is widely recognized as one of the most prestigious awards that can be earned by a dental student.

Psi Omega

The Psi Omega fraternity annually gives fraternal and scholastic achievement awards in addition to senior recognition awards.

Alpha Omega Scholarship Award

This award is presented to the student with the highest grade point average at the end of the fall semester of the D4 year.

Dean's List and Dean's Scholar

The SPPC shall identify students who are worthy of recognition for academic excellence at the end of the students' D1 and D2 semesters. The following guidelines shall be followed in making recommendations to the Dean.

1. The SPPC shall recommend that each student who has a cumulative GPA of at least 3.50 and earns a current term GPA of 3.70 or above, be placed on the DEAN'S LIST for that term and receive a congratulatory letter from the Office of the Dean.
2. The SPPC shall recommend that each student who has a cumulative GPA of at least 3.70 and earns a current term GPA of 3.90 or above be designated as a DEAN'S SCHOLAR for that term and receive a congratulatory letter from the Office of the Dean commending him/her for this exceptional level of scholarship.
3. In order to be eligible for recommendation for DEAN'S LIST or DEAN'S SCHOLAR recognition, a student may not have an "F" grade, a "D" grade or a "W" (administrative withdrawal) in a required course during the term just completed. Also, the student may not have an "I" or "X" grade unresolved from any of the previous semesters (excluding the term just completed).

Graduation Honors

Candidates for graduation who have achieved the appropriate GPA prior to the date of graduation will have the honor designated on their diploma and receive an appropriate University recognition to be worn at the commencement ceremony.

Grades earned during the terminal semester (i.e. second semester of the D4 year) are not included in the determination of the candidate's GPA. Therefore, candidates who will have earned honors after the current term's grades are recorded will not have honors on their diploma, nor be recognized at the commencement ceremony, but will have honors recorded on their permanent record and final transcripts.

Students who graduate with grade point averages of at least 3.70 will be designated as follows:

- | | | |
|---|-----------------|------------------------|
| * | 3.700 or higher | cum laude |
| * | 3.800 or higher | magna cum laude |
| * | 3.900 or higher | summa cum laude |

DMD Curriculum 2017-18 Academic Year

D1 Year

| Courses by Category | | | | | |
|----------------------------|---------------------------------------|------------|--------|------|--------|
| Biomedical Science Courses | | | | | |
| Course Number | Course Name | Credit hrs | Summer | Fall | Spring |
| BMSC 802-01 | Histology (General and Oral) | 5 | | X | |
| BMSC 805-01 | Physiology | 6 | | X | |
| BMSC 809-02 | Survey of Dental Gross & Neuroanatomy | 7 | | | X |
| BMSC 804-02 | Biochemistry | 5 | | | X |

| Courses by Category | | | | | |
|------------------------------|--------------------------------------|------------|--------|------|--------|
| Oral Health Sciences Courses | | | | | |
| Course Number | Course Name | Credit hrs | Summer | Fall | Spring |
| GDOM 800-12 | Dental Anatomy & Occlusion Lecture | 1 | X | X | |
| GDOM 801-12 | Dental Anatomy & Occlusion Lab | 3 | X | X | |
| GDOM 802-01 | Intro to Preventive Dentistry | 1 | X | | |
| OHR 801-01 | Infection Control | 1 | X | | |
| GDOM 807-01 | Evidence Based Decision Making | 0.5 | | X | |
| OIID 800-01 | Correlated Sciences | 1 | | X | |
| SUHD 813-01 | Oral Radiology I | 2 | | X | |
| GDOM 803-12 | Preclinical Oper Dentistry I Lecture | 2.5 | | X | X |
| GDOM 804-12 | Preclinical Oper Dentistry I Lab | 6 | | X | X |
| GDOM 805-12 | Introduction to Clinical Dentistry I | 2.5 | | X | X |
| OPSC 800-02 | Growth & Development | 1 | | | X |
| OHR 830-02 | Periodontics I | 1 | | | X |
| SUHD 817-02 | Cariology | 0.5 | | | X |

D2 Year

| Courses by Category | | | | | |
|----------------------------|-----------------------------|------------|--------|------|--------|
| Biomedical Science Courses | | | | | |
| Course Number | Course Name | Credit hrs | Summer | Fall | Spring |
| BMSC 806-03 | Microbiology and Immunology | 4 | X | | |
| SUHD 803-06 | Oral Pathology | 4 | | | X |

| Courses by Category | | | | | |
|------------------------------|---------------------------------------|------------|--------|------|--------|
| Oral Health Sciences Courses | | | | | |
| Course Number | Course Name | Credit hrs | Summer | Fall | Spring |
| GDOM 810-42 | Physical Diagnosis | 2 | X | X | X |
| GDOM 812-34 | Introduction to Clinical Dentistry II | 3 | X | X | X |
| SUHD 814-03 | Oral Radiology II | 1 | X | | |
| OHR 835-03 | Periodontics II | 1 | | X | |
| OHR 860-03 | Preclinical Occlusion and TMD | 3 | | X | |
| OHR 861-03 | Intro to Indirect Restorations Lec | 2 | | X | |
| OHR 862-03 | Intro to Indirect Restorations Lab | 3 | | X | |
| OHR 867-04 | Preclinl Complete Dentures 1 Lec | 1 | | X | |
| OHR 868-04 | Preclinl Complete Dentures 1 Lab | 1.5 | | X | |
| OPSC 804-03 | Pediatric Dentistry I | 1 | | X | |
| SUHD 815-34 | Clinical Oral Radiology | 1 | | X | X |
| SUHD 821-03 | General Pathology | 5 | | X | |

| | | | | | |
|-------------|--------------------------------------|-----|--|---|---|
| GDOM 824-04 | Preclinical Treatment Planning | 5 | | X | X |
| OHR 838-04 | Periodontal Modular Learning | 2 | | | X |
| OHR 865-04 | Preclinical Fixed Pros Lecture I | 1 | | | X |
| OHR 866-04 | Preclinical Fixed Pros Lab I | 4 | | | X |
| OHR 863-03 | Removable Partial Dentures Lec | 1.5 | | | X |
| OHR 864-03 | Removable Partial Dentures Lab | 2.5 | | | X |
| OHR 869-04 | Removable Partial Dentures II | 1 | | | X |
| OHR 870-04 | Intro to Implant Dentistry | 1 | | | X |
| OPSC 815-04 | Preclinical Ortho/Pedo Lecture & Lab | 3 | | | X |

D3 Year

| Courses by Category | | | | | |
|----------------------------|-----------------------------|------------|--------|------|--------|
| Biomedical Science Courses | | | | | |
| Course Number | Course Name | Credit hrs | Summer | Fall | Spring |
| GDOM 830-06 | Dental Clinical Pharm | 2 | | | X |
| BMSC 807-04 | Pharm & Dental Therapeutics | 4 | | X | |

| Courses by Category | | | | | |
|------------------------------|-----------------------------------|------------|--------|------|--------|
| Oral Health Sciences Courses | | | | | |
| Course Number | Course Name | Credit hrs | Summer | Fall | Spring |
| SUHD 802-43 | Pain and Anxiety Control | 3 | X | | |
| GDOM 815-05 | Aux Ret Direct Cusp Replace | 1 | X | | |
| OHR 805-05 | Endodontics I | 3 | X | | |
| GDOM 831-05 | Operative Dentistry III | 0.5 | | X | |
| GDOM 835-05 | Oral Medicine | 3 | | X | |
| GDOM 876-05 | Principles of Esthetic Dentistry | 3 | X | | |
| OHR 840-05 | Periodontics III | 1 | | X | |
| OHR 881-05 | Implant Dentistry | 1 | | X | |
| OHR 885-05 | Clinical Complete Dentures I Lec | 2 | | X | |
| OPSC 806-05 | Pediatric Dentistry II | 1 | | X | |
| SUHD 805-05 | Principles of Oral Surgery I | 1 | | X | |
| GDOM 833-56 | Clinical Treatment Planning I | 3 | | X | X |
| GDOM 834-56 | Clinical Operative Dentistry I | 4.5 | | X | X |
| GDOM 840-56 | Clinical Patient Management I | 4 | | X | X |
| OHR 815-56 | Endodontics II | 1 | | X | X |
| OHR 818-56 | Jr. Clinical Endodontics | 1 | | X | X |
| OHR 886-56 | Clinical CD II Experience | 2 | | X | X |
| OHR 888-56 | Jr. Clinical Fixed Prosthodontics | 2 | | X | X |
| SUHD 807-56 | Clinical Oral Surgery I | 4 | | X | X |
| GDOM 845-58 | Clinical Diagnosis | 3 | | X | X |
| OHR 852-58 | Clinical Periodontics | 3 | | X | X |
| OHR 855-58 | Clinical Preventive Dentistry | 3 | | X | X |
| OPSC 813-58 | Clinical Pediatric Dentistry | 5 | | X | X |
| GDOM 832-06 | Intro to Practice Management | 1 | | | X |
| GDOM 849-06 | Ethical Issues in Dentistry | 1 | | | X |
| OHR 889-07 | Advanced Concepts in Dentistry I | 1 | | | X |
| OPSC 805-06 | Principles of Orthodontics II | 1 | | | X |
| OPSC 811-06 | Concepts in Special Patient Care | 1 | | | X |
| OPSC 816-06 | Pediatric Special Needs | 1 | | | X |
| SUHD 806-06 | Principles of Oral Surgery II | 1 | | | X |

| | | | | | |
|-------------|------------------------------------|-----|--|--|---|
| SUHD 816-06 | Advanced Radiologic Interpretation | 1 | | | X |
| OHR 856-06 | Advanced Periodontics Selective | 0.5 | | | X |

D4 Year

| Courses by Category | | | | | |
|------------------------------|---|------------|--------|------|--------|
| Oral Health Sciences Courses | | | | | |
| Course Number | Course Name | Credit hrs | Summer | Fall | Spring |
| GDOM 848-07 | Clinical Extramural Experience | 4 | X | X | |
| GDOM 820-07 | Community Service | 0.5 | | X | |
| GDOM 841-07 | Senior Practice Management | 4 | | X | |
| GDOM 842-07 | Restorative Dentistry Review (online) | 1 | | X | |
| GDOM 856-07 | Special Topics in Clinical Dentistry (online) | 1 | | X | |
| OHR 850-07 | Advanced Periodontics (online) | 1 | | X | |
| SUHD 808-07 | Clinical Oral Surgery II | 2 | | X | |
| SUHD 811-07 | Gen. Med. In Dentistry | 1 | | X | |
| GDOM 844-78 | Clinical Treatment Planning II | 2 | | X | X |
| GDOM 846-78 | Clinical Operative Dentistry II | 6 | | X | X |
| GDOM 855-78 | Clinical Patient Management II | 4 | | X | X |
| OHR 825-78 | Senior Clinical Endodontics | 2 | | X | X |
| OHR 891-78 | Clinical Complete Dentures IV | 2 | | X | X |
| OPSC 809-78 | Clinical Orthodontics | 1 | | X | X |
| GDOM 879-01 | Intro to Photography in Dent (sel.) | 1 | | X | X |
| GDOM 845-58 | Clinical Diagnosis | 3 | | X | X |
| OHR 852-58 | Clinical Periodontics | 3 | | X | X |
| OHR 855-58 | Clinical Preventive Dentistry | 3 | | X | X |
| OPSC 813-58 | Clinical Pediatric Dentistry | 5 | | X | X |
| OHR 897-08 | Advanced Concepts in Dentistry II | 1 | | | X |
| OHR 893-08 | Sr. Cl. Removable Partial Dentures | 3 | | | X |
| OHR 895-08 | Sr. Clinical Fixed Prosthodontics | 7 | | | X |
| GDOM 880-08 | Geriatric Dentistry (sel.) | 1 | | X | X |
| GDOM 881-08 | Adv Occl & Restorative Con (sel.) | 1 | | X | X |
| OHR 828-08 | Endodontic Selective (sel.) | 1 | | | X |
| SUHD 823-08 | Oral Pathology (sel.) | 1 | | | X |

Academic Policies and Degree Requirements

Guidelines for Admission by Transfer

Under exceptional circumstances, highly qualified students who are currently enrolled in an ADA accredited dental school may be considered for transfer. The candidate must be in good standing and rank in the upper 30% of their class with a minimum GPA of 3.0. Consideration will be based on the quality of the candidate, resources, and space availability. The DMD Admissions Committee will interview eligible candidates and make recommendations for admission to the Dean. If accepted, the Associate Dean for Academic Affairs will determine appropriate placement in the program based and will assure that the student is scheduled to earn at least one-third of the credits toward the DMD degree at ULSD.

Required documentation:

1. Completed University of Louisville School of Dentistry Application form.
2. Residency Determination Form.
3. Official transcripts from all post-secondary institutions attended (both pre-dental and dental).
4. Dental Admissions Test scores
5. National Board Dental Examination Part I scores, if taken.
6. Current resume listing all undergraduate and graduate employment, research, and community service.
7. Official description of the courses completed in the curriculum of their current dental school.
8. Letter from the Dean (or designate) of the current dental school that verifies that the student is in good standing, the student's GPA and Class Rank (on a yearly basis, if possible), and whether the student has ever been on academic or disciplinary probation.
9. Three letters of recommendation.

Pre-dental college and DAT performance must meet or exceed the minimum standards of the entering class to which the transfer candidate is applying. The candidate's credentials must also fulfill the University of Louisville School of Dentistry's admission requirements regarding undergraduate courses and credit hours. All undergraduate course work must have been completed at an accredited U.S. or Canadian college or university. The student will be evaluated relative to his/her performance in their current dental school. The candidate must have completed, at the time of the requested transfer, a dental curriculum that is consistent with the curriculum of ULSD in content, quantity, and quality. The ULSD Office of Academic Affairs, along with appropriate course directors, will review the submitted curricula for congruency with the ULSD curriculum.

If the transfer candidate fails to meet any of the previously stated conditions, the Admissions Committee may elect to end the process at this point. If the Committee chooses to pursue the application, an on-site interview will be scheduled. Additional qualifying written and practical examinations may be required. The Admissions Committee will forward their recommendation to the Dean. An accepted student will be placed into a class in the regular curriculum, at a level designated by the Associate Dean for Pre-doctoral Education and approved by the involved course directors.

The transfer student must fulfill all standards of competency as defined by the University of Louisville School of Dentistry. The candidate should be aware that, due to curricular differences, he/she may be required to repeat a year and their anticipated graduation date may be delayed.

All application materials should be submitted directly to the Office of Student Affairs, University of Louisville, School of Dentistry, 501 S. Preston St., Louisville, KY 40202.

All documentation must be received no later than January 1 of the year of desired transfer.

Policy on International Students applying to the DMD Program

ULSD welcomes applications from international students who meet eligibility guidelines of the School of Dentistry and the University of Louisville. Interested applicants should review all the University requirements on the International Students & Scholars website at:

<http://louisville.edu/provost/intcent/is/is.html>

Academic Requirements:

All applicants should have completed a minimum of 90 semester hours of college course work, including a minimum of 32 hours of science courses. If a student is applying with credits from an international post-secondary institution, in addition to the AADSAS application requirements, AADSAS must receive an official transcript evaluation report from Educational Credential Evaluators (ECE).

English Language Proficiency Requirement for DMD program:

Applicants whose native language is not English must submit official TOEFL iBT scores. Preference is given to candidates with a minimum score of 100 and with listening and speaking section scores at 26 or above.

Policy for Internationally trained dentists - Advanced Standing Option for Admission to DMD Program

NOTE: This program is dependent on space available in the class. Contact ULSD Student Affairs for more information prior to applying for the program.

Applicants apply through the ADEA's Centralized Application for Advanced Placement for International Dentist (CAAPID) at http://www.adea.org/dental_education_pathways/CAAPID/Pages/default.aspx

Description of Program

The University of Louisville School of Dentistry offers an Advanced Standing admission option into the DMD program for selected individuals who have received a dental degree from an institution outside the United States or Canada. The total number of students admitted is dependent upon the school's available resources. The program will be customized for each admitted student and will range from two to three years in length.

Contact Information

Dianne Foster
University of Louisville
School of Dentistry
Office of Student Affairs, Room 234
501 S. Preston St.
Louisville, KY 40202

Telephone: 502-852-5081
Fax: 502-852-1210
Email: advadms@louisville.edu

Program Details

Length of Program: minimum of 28 months
Program Deadline: June 15
Start Date: January
Class Size: based on space available

Degree Awarded: D.M.D.

Tuition: Same as ULSD traditional program,

Current tuition rates listed on website: <https://louisville.edu/dental/dmd/tuition>

Requirements to Apply to Program – submit the following to CAAPID

English Language Proficiency

- Must be proficient in the English language
- Applicants whose native language is not English are required to provide TOEFL scores unless they have taken at least 90 college credit hours in a U.S. or Canadian institution of higher education.
- Only Internet-based TOEFL (iBT) scores are accepted- submit to CAAPID
- Preference given to those scoring at or above a total score of 100 and 26 in speaking and listening
- The institution code for submitting TOEFL scores to the University of Louisville School of Dentistry is 5933. For more information about TOEFL testing, go to: www.ets.org

National Board Dental Examination Requirements

- Program requires passing of NBDE Part I to be considered for admission
- Submit Part I National Board Dental Examination scores to CAAPID
- Application eligibility requires a minimum score of 75 on Part I or “pass” if no numerical score is issued

Personal Statement

- Short essay describing why you desire to enter the DMD program

Letter of Evaluation

- Two letters of evaluation required (one professional and one from the senior administrator or dean of applicant’s dental school), written within one year of the application- submit to CAAPID

Transcripts and Evaluations

- Applicant must submit to CAAPID a detailed evaluation by Educational Credentials Evaluators, Inc. (ECE)

Application Fees

- Pay \$65 application fee to program online only AFTER requested to do so by program- do NOT send payments to ULSD until requested.

Special notes:

Only applications that are complete with all the ULSD requirements listed above fulfilled by the application deadline of June 15 will be considered by the Admissions Committee.

Applicants- please DO NOT submit original documents to ULSD. Only admitted students are required to submit original documents directly to ULSD.

Minimum Technical Standards for Admissions and Matriculation

The University of Louisville School of Dentistry is committed to the principle of diversity in all areas. In that spirit, the School is open for admission to all qualified individuals and complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (1993).

The School recognizes the award of a Doctor of Dental Medicine (DMD) degree carries with it the full authority of the institution and communicates to those who might seek the services of the bearer that he or she is competent to practice dentistry. The DMD degree is unique in that the graduate is prepared and, upon licensure, is allowed to practice all disciplines of the dental profession. This requires that the student acquire didactic knowledge as well as learning skills and attitudes essential to the profession and agreed upon by the faculty as requisite for the practice of dentistry. The student requires both cognitive and technical skills to negotiate the curriculum.

The School is aware of the unique nature of the dental curriculum. Applicants must possess the skills and abilities that will allow them to successfully complete the course of study and receive the full benefit of the education. In the process the student is required to manage or perform treatment on the patients of the School. The School has the responsibility of ensuring the well-being of patients. This includes the completion of treatment safely and within an acceptable amount of time. With this in mind, the student must be able to meet the following technical standards with or without reasonable accommodation.

1. Motor Skills

Candidates must have sufficient motor function to elicit information from patients through such diagnostic procedures as palpation, auscultation, and percussion. Candidates should be able to execute motor movements that are reasonably required to provide oral health care and emergency treatment to patients. Examples of such emergency treatment are: cardiopulmonary resuscitation, application of pressure to stop bleeding, the opening of obstructed airways, the suturing of simple wounds, and uncomplicated oral and maxillofacial surgical procedures. Such actions require coordination of both gross and fine muscular movements, equilibrium, and functional use of the senses of touch and vision.

2. Sensory/Observation

Candidates must be able to perform visual and tactile dental examinations and treatment including use of visual acuity and color vision, to discern differences and variations in color, shape, and general appearance between normal and abnormal soft and hard tissues. Use of tactile senses may be either by direct palpation or indirect through instrumentation.

3. Communication

Candidates must have sufficient facility with the English language to: (a) retrieve information from texts and lectures and communicate concepts on written exams and patient charts; (b) communicate effectively with patients in order to develop a health history, identify problems presented, explain alternative solutions, and give directions during treatment and post-treatment; and (c) coordinate patient care with all members of the health care team. In any case where a candidate's ability to communicate through these sensory modalities is compromised, the candidate must demonstrate alternative means and/or ability to acquire and communicate essential information.

4. Cognitive

Candidates must be able to comprehend three dimensional relationships and to understand the spatial relationships of structures. Problem solving, a critical skill demanded of dentists, requires all of these intellectual abilities.

Candidates must be able to perform these problem solving skills in a timely fashion.

5. Behavioral

Candidates must be able to tolerate physically-taxing workloads and to function effectively under stress. Compassion, integrity, concern for others, interpersonal skills, interest, and motivation are all personal qualities that will be assessed during the admissions and educational process. Further, candidates must be able to manage apprehensive patients with a range of moods and behaviors in a tactful, congenial, personal manner so as not to alienate or antagonize them. Candidates will be expected to accept criticism and respond by appropriate modification of behavior.

* * * *

The School will consider for admission any applicant capable of acquiring the necessary knowledge and having the ability to perform, or learn to perform, the skill specified in these standards. The School has determined that these skills are essential to the program of instruction.

Although the School may not inquire whether an applicant has a disability prior to making a decision on admission, an applicant may disclose during the admissions process a disability for which he or she wishes accommodation during the admissions process or upon admission. If this occurs, the School will request the applicant to provide documentation of the disability to the Director of Admissions. The Admissions Committee will consider the applicant based on the published criteria for admission of all applicants. The Admissions Committee will make a determination as to whether the applicant can perform the essential functions of the educational program, taking into account the accommodations that the applicant has requested or alternative reasonable accommodations that the institution can offer.

After admission, a student who discloses a disability and requests accommodation may be asked to provide documentation of his or her disability for the purpose of determining appropriate accommodations, including modification to the program. The School will provide reasonable accommodations, but is not required to make modifications that would fundamentally alter the nature of the program or provide auxiliary aids that present an undue burden to the School. The student must be able to perform all of the technical standards with or without accommodation to matriculate or continue in the curriculum. Costs of reasonable accommodations will be borne by the School unless otherwise funded.

Requests for accommodation should be initiated with the Academic Support Counselor.

Requests Regarding Disability

The School may not inquire whether an applicant has a disability prior to making an admissions decision. However, an applicant may disclose during the admissions process a disability for which he or she wishes accommodation during the admissions process or after admission. If this occurs, the following steps must be taken:

- Documentation of the disability must be provided to the Director of Admissions, School of Dentistry.
- Using published criteria for admission of all applicants, the Admissions Committee must consider the applicant and the disability.

- Taking into account the accommodations that the applicant has requested or the alternative reasonable accommodations that the institution can offer, the Admissions Committee must determine whether the applicant can perform the essential functions of the educational program.

Guidelines for Students with Disabilities

***Accommodations for Specific Disabilities**

The University of Louisville is committed to equal opportunity and challenge for all academically qualified students and does not discriminate on the basis of disability. Accommodations are available to encourage students with disabilities to take full advantage of the University's educational, social, and cultural opportunities.

The Disability Resource Center (119 Stevenson Hall, 852-6938) is responsible for the coordination of programs and services for qualified applicants for admission and enrolled students with disabilities. Determination of eligibility for services and appropriate accommodations is determined by staff of the Disability Resource Center after review of documentation of disability.

As needed, DRC staff will discuss the student's request for services with the student to determine appropriate accommodations and/or consult with the faculty member or other involved office regarding the request. When there is any question about the appropriateness of the student's requested accommodation, the DRC staff member will inform the student of the decision.

Questions or concerns related to requested accommodations not resolved with individual DRC staff should first be discussed informally with the Director of DRC and then be subject to informal consultation with the Vice President for Student Affairs. Written student complaints submitted to the DRC will be addressed by the DRC in writing to the sender. Matters that remain unresolved may be formally presented by the student to the ADA Compliance Officer located in the Office of Affirmative Action by following the ADA Grievance Procedure. A complaint should be filed within 180 days after the complainant becomes aware of the alleged violation. Formal appeals include a written statement regarding the nature of the complaint, results of the informal meetings, and requested resolution. All formal appeals will be promptly investigated and a decision will be rendered within 60 working days of the date of receipt. Please contact the Office of Affirmative Action for additional information on the grievance procedure.

Applying for and requesting Support Services

Referrals- Students and potential students are referred to DRC by publications such as UofL application packets, schedules of classes and catalogs. Students are referred by community agency personnel, UofL faculty and staff and other students, high school counselors, health care professionals, family members and others. Referrals are made verbally or in writing. Referrals should be routed to the appropriate coordinator or to the Director when DRC staff has questions regarding the appropriate staff member to work with a student.

- **Colleen Martin, Director:** Physical Disability, Psychological Disability, Deaf, Hard of Hearing, Chronic Health, Temporary and Other Disability Services
colleen.gettys@louisville.edu
- **Katheryn Lane , Disability Resources Coordinator - Senior:** Blind / Visual Impairment Services, Accommodated Exam Program
katheryn.lane@louisville.edu
- **Teresa Fisher, Program Assistant-Senior** Accommodated Exam Program

Teresa.fisher@louisville.edu

- **Nick Wright, Note Taker Coordinator:** Supervision of Note Taking Services
nlwrig03@louisville.edu

Submitting documentation of disability

All students seeking assistance from DRC must disclose the presence of a disability. In most cases, the student will be asked to submit documentation of disability for review by the appropriate DRC staff person. Upon receipt and review of the documentation, an intake appointment will be scheduled. Contact the Disability Resource Center for additional information about guidelines for diagnostic criteria. Read our [Documentation Guidelines](#) for more information.

Intake appointment

After review of documentation, the appropriate coordinator will contact the student for an intake appointment. At this meeting, the student's eligibility for accommodations and anticipated needs will be discussed. Policies and procedures regarding specific accommodations, such as letters for faculty, exam accommodation, supplemental note-taking service, etc. will be discussed.

Requesting specific accommodations

Requests for accommodations coordinated by the Disability Resource Center are made by completing a Service Request Form (available at the Disability Resource Center) and submitting the form along with a copy of class schedule to the appropriate DRC Coordinator. It is the responsibility of the student to request specific accommodations each semester via the Service Request Form. Please remember that accommodations can generally occur only after submission of appropriate documentation, review by the coordinator, determination of eligibility for specific services, and request by student for specific accommodations.

Timeliness of requests

Submission of accommodation requests for instructor letters, exam accommodation, and supplemental note-taking services should generally be submitted no later than two weeks prior to beginning of term. Some accommodations (such as interpreter service and taped textbooks) require much more notice. Please refer to policies and procedures for [specific accommodations](#) such as reader service, interpreter service, for additional information on timeliness of requests. Although DRC staff will make reasonable effort to process all requests, untimely requests may result in delay of accommodations.

Academic Adjustments

Academic requirements will be modified, as necessary, to ensure that they do not discriminate against qualified applicants or currently enrolled students with disabilities. At the student's request, DRC staff recommends academic adjustments in compliance with legal mandates. Academic requirements that are essential to programs of instruction are not considered discriminatory.

Modifications shall not affect the substance of the educational programs or compromise educational standards. Students can ask the appropriate DRC staff member to provide a memo recommending academic adjustments for each class in which the student is enrolled. Because of the diversity of individual needs relating to disabilities and the uniqueness of each class, students must discuss their requests for course modifications with their instructors each semester.

DRC Availability

The staff is available to consult with students on an appointment basis, Monday through Friday, 8:30 AM to 5:00 PM. Other hours may be available. To ensure that staff is available and have adequate time to meet with you, please call and schedule an appointment.

ACADEMIC POLICIES

The Academic D.M.D. Program Policies are defined to provide uniform coordination and consistency for the management of the D.M.D. educational program. Department and University policies exist for the following items discussed. The policies are developed within the context of the University of Louisville Student Handbook which sets forth University Policies and Guidelines for students.

UNIVERSITY OF LOUISVILLE ACADEMIC POLICY

The University of Louisville has adopted policy regarding student and faculty rights and responsibilities in academic matters. The Code of Student Rights and Responsibilities (UofL Student Handbook) states in part:

Section 4. Classroom Rights and Responsibilities

- A. *A student shall be evaluated on demonstrated knowledge and academic performance, and not on the basis of personal or political beliefs or on the basis of race, color, national origin, religion, sex, age, or handicap not affecting academic performance.*
- B. *A student has freedom of inquiry, of legitimate classroom discussion, and of free expression of his or her opinion, subject to the teacher's responsibilities to maintain order and to complete the course requirements.*
- C. *A student is responsible for fulfilling the stated requirements of all courses in which he or she is enrolled.*
- D. *A student has the right:*
 - 1. *to be informed in reasonable detail at the first or second class meeting about the nature of the course and to expect the course to correspond generally to its description in the appropriate University catalog or bulletin;*
 - 2. *to be informed in writing and in reasonable detail at the first or second class meeting of course requirements and assignments;*
 - 3. *to be informed in writing and in reasonable detail at the first or second class meeting of standards and methods used in evaluating the student's academic performance;*
 - 4. *to be informed in writing of any necessary changes in assignments, requirements, or methods of grading during the semester with the reasons for such changes.*
- E. *A student has the right to confidentiality in the student/teacher relationship regarding the student's personal or political beliefs. Disclosures of a student's personal or political beliefs, expressed in writing or in private conversation, shall not be made public without explicit permission of the student.*

Charges of violations of these classroom rights and responsibilities shall be handled through the appropriate academic unit level procedures.

D.M.D. ACADEMIC POLICIES

STUDENT RESPONSIBILITIES

1. It is the responsibility of the student to know and comply with all university, school, department and course policies, guidelines, and requirements.
2. It is the responsibility of students to know their academic status.
3. It is the responsibility of the student to immediately inform the Associate Dean for Academic Affairs of personal circumstances (*e.g.*, medical/family leave, serious illness, financial difficulties) likely to affect the student's academic performance.
4. It is the responsibility of the student to attend all scheduled classes, laboratory sessions, clinical sessions and rotations, quizzes and examinations. Student absence does not eliminate student accountability for instruction presented. Each course director shall determine and publish in the course syllabus the method of attendance monitoring and the consequence of non-attendance.
5. It is the responsibility of the student to **immediately** inform the Office of Student Affairs of a change of name, address and/or telephone number.
6. It is the responsibility of students to conduct themselves ethically in all academic and non-academic activities.

FACULTY RESPONSIBILITIES--COURSE REQUIREMENTS/SYLLABI

Each semester, an electronic copy of the current course syllabus shall be posted to the course shell in Blackboard and forwarded to the Office of Academic Affairs. During the first class session, the course director shall assure that students receive information concerning the course. This information shall be outlined in a standardized course syllabus which, at a minimum, shall consist of the following:

1. a general description of the course consistent with the official course description as approved by the DMD Curriculum Committee.
2. course objectives and course content
3. examination information that includes the date, format, and grading criteria for each examination.
4. the criteria and evaluation methods used to determine the final course grade.
5. the verbatim statement regarding the School of Dentistry Professional Responsibility and Decorum Policies:

The School of Dentistry has adopted The Code of Professional Responsibility and The Professional Decorum Policy, which will be strictly enforced in this course. All students participating in this course should familiarize themselves with the content and intent of these documents in order to fully conform with their behavioral requirements.
6. additional course requirements.
7. additional University and ULSD policies.

EVALUATION AND GRADING

1. The student shall be informed in reasonable detail regarding standards and methods used in evaluating student academic performance. Each course director shall develop course objectives, state evaluation methods and publish and distribute this information in a course syllabus. For clinical courses, clinical requirements and evaluation criteria shall be provided in writing to each student at or before the time of initial clinic entry.

2. Evaluation criteria shall be standardized within a discipline. It is the department chairperson's responsibility to ensure the application of standardized criteria by all faculty who participate in a particular course.
3. Evaluation criteria and dates of scheduled quizzes, examinations, projects and papers shall be communicated to each student in writing in the course syllabus.
4. Evaluation of student performance shall be conducted at appropriate intervals throughout the period of instruction. Midterm evaluation reports shall be provided to the student and the Associate Dean for Academic Affairs by course directors through their department chairpersons in advance of the Student Progress and Promotion Committee (SPPC) midterm review (SPPC Policy Statement).
5. Each course director shall issue a final course grade based upon student performance in relation to published course objectives. Final course grades are due in ULink/PeopleSoft not later than 48 hours after the final exam. Grading format (*e.g.*, letter grade, P/F) is approved by the D.M.D. Curriculum Committee. Basic Sciences courses are the only classes approved to use +/- grading; all other D.M.D. courses are letter grades or P/F. Letter grades are awarded quality points used in the determination of the numerical grade point average (GPA) based upon a 4.0 scale.
6. A student may challenge a didactic or clinical evaluation or final course grade.
Academic Grievance Procedure:
<http://louisville.edu/dos/students/studentpoliciesandprocedures/student-grievance>

DETERMINATION OF STUDENT STATUS

Formal review of student progress is made by the Student Progress and Promotion Committee on a periodic basis. *The Student Progress and Promotion Guidelines* are used to determine the status of each student at the end of each term. SPPC Guidelines are the principal standards for determination of student academic status. Motions made by the SPPC constitute recommendations to the Associate Dean for Academic Affairs through the chair of the committee. Students may appeal the Associate Dean's decision to the Dean. The Dean's decision is final. A copy of the SPPC Guidelines is available online to entering students during their first week of classes.

CRITERIA FOR GRADUATION

1. The student must have completed all required courses and selective courses in which he/she enrolled and have no outstanding "I", "X", or "F" grades.
2. "D" grades indicate poor performance and are not acceptable for clinical disciplines.
3. The student must have a cumulative GPA of at least 2.000.
4. The student must be formally recommended for the degree by the ULSD Faculty Assembly and by the Dean, and must be approved for the degree by the Board of Trustees.

Successful and timely completion of all courses and the requirements therein must be accomplished before a student will be approved for graduation from the School of Dentistry. Students must complete the curriculum within 6 years (including summer sessions) in residence or be subject to dismissal. Students in a dual degree program may request from the Dean a waiver of the 6 year requirement.

PROMOTION AND CLINIC PRIVILEGES

Promotion through curriculum is at the discretion of the Student Progress and Promotion Committee (SPPC) as based on successful completion of appropriate courses.

DETERMINATION OF GRADE POINT AVERAGE (GPA)

A cumulative grade point average is calculated as an indicator of overall academic performance in the D.M.D. program and is used as a criterion for graduation requirements, graduation honors or other academic distinctions, and for determining academic class rank in the program. Only course grades required in the D.M.D. program of study are used in the calculation of the grade point average. **Basic Science courses are permitted to use the plus or minus; all other courses in the DMD curriculum use letter grades only with no plus or minus.**

(see note below regarding Oral Biology or other non D.M.D. courses taken while enrolled as a D.M.D. candidate)

The following grade point scale is utilized for all courses in the DMD curriculum:

| Grade | Quality Points | Grade | Quality Points |
|-------|----------------|-------|----------------|
| A+ | 4.0 | C | 2.0 |
| A | 4.0 | C- | 1.7 |
| A- | 3.7 | D+ | 1.3 |
| B+ | 3.3 | D | 1.0 |
| B | 3.0 | D- | 0.7 |
| B- | 2.7 | F | 0.0 |
| C+ | 2.3 | | |

P/F", "X", and "I" grades shall not be used in calculating a GPA.

All courses are assigned credit hours by the Curriculum Committee. By multiplying the credit hours for each course by the quality points earned in the course, the total number of academic points for the semester's course work is determined.

The cumulative GPA is calculated by adding all academic points earned in the dental curriculum and dividing by the total number of credit hours taken **including failures**. (The School of Dentistry will use the University's repeat option of averaging all grade attempts in the GPA.)

Note: Oral Biology or Other non-D.M.D. courses

Any courses taken during the student's enrollment in the Oral Biology Masters program or other non-D.M.D. required course for which credit has been granted will be included in a separate GPA. Grades earned in any Masters/PhD program will not be included in the calculation of the grade point averages of the D.M.D. program. Credit hours earned in non-D.M.D. required courses will not be included in the total hours needed for graduation in the D.M.D. program.

CALCULATION OF CLASS RANK

Class rank based on grade point averages is calculated after all Fall and Spring semester grades are posted. Grade point averages are calculated to three decimal places. The ranking system used is a standard competition type. In the case of a tie, all students with the same GPA are ranked at the same numerical position in the class. For example, if three students are tied with a 4.000, they all receive the class rank of 1, and the next student in sequence will be receive the class rank of 4. Internationally trained dentists who join the class as advanced standing students in the Spring semester of the D2 year are not included in the class ranking of the students who are in the four year cohort.

CRITERIA FOR HONORS

Dean's List and Dean's Scholar

The SPPC shall identify students who are worthy of recognition for academic excellence at the end of the students' D1 and D2 semesters.

1. The SPPC shall recommend that each student who has a cumulative GPA of at least 3.50 and earns a current term GPA of 3.70 or above, be placed on the DEAN'S LIST for that term and receive a congratulatory letter from the Office of the Dean.
2. The SPPC shall recommend that each student who has a cumulative GPA of at least 3.70 and earns a current term GPA of 3.90 or above be designated as a DEAN'S SCHOLAR for that term and receive a congratulatory letter from the Office of the Dean commending him/her for this exceptional level of scholarship.
3. In order to be eligible for recommendation for DEAN'S LIST or DEAN'S SCHOLAR recognition, a student may not have an "F" grade, a "D" grade or a "W" (administrative withdrawal) in a required course during the term just completed. Also, the student may not have an "I" or "X" grade unresolved from any of the previous semesters.

Graduation Honors

Candidates for graduation who have achieved the appropriate GPA prior to the date of graduation will have the honor designated on their diploma and receive an appropriate University recognition to be worn at the commencement ceremony.

Grades earned during the terminal semester (i.e. second semester of the D4 year) are not included in the determination of the candidate's GPA. Therefore, candidates who will have earned honors after the current term's grades are recorded will not have honors on their diploma, nor be recognized at the commencement ceremony, but will have honors recorded on their permanent record and final transcripts.

Students who graduate with grade point averages of at least 3.70 will be designated as follows:

| | | |
|---|-----------------|------------------------|
| * | 3.700 or higher | cum laude |
| * | 3.800 or higher | magna cum laude |
| * | 3.900 or higher | summa cum laude |

EARLY INTERVENTION

It is the student's responsibility to inquire about his/her academic progress, seek help and request remedial work when necessary. Early intervention is often effective in permitting successful resolution of academic difficulties. While student academic progress is generally monitored by the Office of Academic Affairs and the SPPC, students should seek assistance early. Support is available through:

The *Office of Student Affairs* and the *Office of Academic Affairs* work together to provide remedial assistance with student counseling, revising a student's schedule, tutor assignment, or course director discussion.

"I" (INCOMPLETE) GRADES AND "X" GRADES

The "I" grade represents insufficient information to permit proper evaluation of the student's performance. The "X" grade means that the course work has not been completed due to the nature of the

course (availability of patients, etc.) A student cannot graduate with an “I” or an “X” grade. The following shall determine the disposition of the “I” and “X” grade:

1. An unresolved “I” grade automatically shall be changed to an “F” grade if the incomplete is not made up prior to the end of the next semester.
2. An “X” grade shall be changed to a final grade upon completion of the requirements of the course.

PASS-FAIL GRADES

Certain courses may use the Pass/Fail system of identifying academic success, subject to approval by the Curriculum Committee. If used, the course grade will not affect the computation of the GPA.

"F" GRADES

1. The "F" grade indicates failure to achieve at an acceptable level.
2. A student may not graduate without passing all required courses and selectives in which they are enrolled.
3. A student cannot receive "DEAN'S LIST" or "DEAN'S SCHOLAR" recognition for a term in which an "F" grade is received.
4. The mechanism (procedures, schedule, completion deadlines, etc.) permitted for the remediation of an "F" grade shall be determined by the course director and department chair, subject to the approval of the Associate Dean for Academic Affairs.
5. A course taken at another institution to remediate an "F" grade must be approved in advance by the director of the course in which the failure occurred in conjunction with the Associate Dean for Academic Affairs.
6. A grade earned in a remediation effort replaces the original “F” grade on the academic transcript. A grade earned in a repeated course does not replace the original “F” grade on the academic transcript. All non-Pass/Fail grades earned in all courses are used in the calculation of a student’s cumulative GPA.

FAILURE OF A COURSE(S)

If a student fails a course(s), the SPPC is notified before the end of the term. During the SPPC meeting, the committee will determine, based on course syllabi and input from the course director, if the student is:

1. eligible to attempt remediation of the course;
2. eligible to repeat the course and continue with class;
3. called for a Performance Evaluation Hearing.

PERFORMANCE EVALUATION HEARING

The purpose of a Performance Evaluation Hearing is to provide the members of the SPPC with an appropriate forum in which to discuss the student's academic or clinical problems and provide an opportunity for direct discussions with the involved student. After reviewing a student's academic circumstance under the provision of a performance evaluation hearing, the SPPC may make the following recommendations to the Associate Dean for Academic Affairs:

1. eligible to attempt remediation of the course;
2. eligible to repeat the course and continue with class;
3. repeat the academic year; or

4. be dismissed from the D.M.D. Program

A student who fails to meet the professional expectations of the faculty of the School of Dentistry may also be considered for a Performance Evaluation Hearing. The School has implemented the *Code of Professional Responsibility* which defines certain expectations for students to demonstrate their fitness for continuation in an academic program. In addition to the *Code of Professional Responsibility*, the SPPC has specified the faculty's professional expectations on the part of students. These consist of but are not limited to the following:

1. Self-responsibility
2. Treating self and others with dignity and respect
3. Placing patients' interest above self interest
4. Achieving professional standards
5. Effort
6. Non-disruptive behavior
7. Motivation
8. Timeliness
9. Integration and application of knowledge.

CRITERIA FOR PROBATION

1. A student shall be placed on probation if he\she: (a) receives an "F" grade, or (b) earns a semester GPA below 2.000, or (c) has a cumulative GPA below 2.000.
2. A student on probation shall be:
 - a. required to attend all classes/clinics;
 - b. required to attend regular tutorial sessions if appropriate;
 - c. **expected to remove himself/herself from probation status within one (1) year or be subject to a performance evaluation hearing; and**
 - d. restricted from serving as a class officer or representative on school, state, national, or international committees.

REMEDIATION

The mechanism (procedures, schedule, completion deadlines, etc.) permitted for the remediation of an "F" grade shall be determined by the course director and department chair, subject to the approval of the Associate Dean for Academic Affairs. Each course director will state the remediation policy for the course in the syllabus.

REMEDIATION OF BASIC SCIENCE COURSES

In conformity with the Memorandum of Agreement for Basic Science Instruction at the Health Sciences Center, the following formalizes the provision of remediation of dental students failing the following basic science course: Dental Gross and Neuroanatomy, Biochemistry, Histology, Physiology, Microbiology/Immunology offered through a department within the School of Medicine. General Pathology offered through a department within ULSD has a provision for remediating an earned "F" grade.

Stipulations:

1. The student will have failed only one basic science course in the current academic year.
2. The student has been designated as able to participate in a summer remediation plan by the director of the failed course.
3. The student will have been approved for remediation by the School of Dentistry's

- Student Progress and Promotion Committee.
4. The student may be assessed a Continuing Professional Education fee payable to the department providing the remediation
 5. Determination of successful completion of remediation rests with the course director.

It is understood that the consequence of failing two or more basic science courses in any academic year will be either:

1. Repeat of the academic year or
2. Dismissal from the D.M.D. Program

Following a Performance Evaluation Hearing, a recommendation will be transmitted from the Student Progress and Promotion Committee to the Associate Dean for Academic Affairs.

REPETITION OF A COURSE

If a student is not eligible or does not successfully complete the remediation of a failing grade, the Associate Dean for Academic Affairs, the Associate Dean for Clinical Affairs, and the course director, in consultation with the SPPC, will determine the student's eligibility to repeat the course the next time it is offered. If granted, the repeat of a course will/may result in a delayed graduation.

REPETITION OF A YEAR

Repetition of an entire year for the purpose of overcoming academic difficulties shall be considered an appropriate option to recommend to the Associate Dean for Academic Affairs when:

1. the degree of academic or clinical deficiency of the student's performance of the entire curriculum is judged by SPPC to be of sufficient magnitude to render less extensive forms of remediation inappropriate.
2. a non-academic problem arises which clearly contributes to the student's academic difficulties. In this situation, the SPPC has the responsibility to evaluate the probable validity and impact of non-academic circumstances on student academic performance.

When a student is required to repeat a year, the Associate Dean for Academic Affairs, the Associate Dean for Clinical Affairs, in concert with the SPPC and appropriate course directors will define the curriculum content for the repeated year prior to the beginning of the next academic year.

Note: The SPPC may recommend that the repeat of the D1 year be delayed by one year in consultation with the Office of Student Affairs and the Office of Academic Affairs.

EXEMPTION FROM COURSES

Course exemptions will not be considered for any DMD course taken prior to beginning at the University of Louisville School of Dentistry (ULSD). The curriculum is designed so that students receive the course information with attention to sequencing and timing of the curriculum.

MODIFIED CURRICULUM

The **DMD Program** consists of all the required courses for a four-year DMD Curriculum taken in sequence as approved by the Curriculum Committee. After reviewing the SPPC recommendation for a modified program, the Associate Dean for Academic Affairs and the Associate Dean for Clinical Affairs, in concert with the appropriate course directors and the department chairs, will prepare the modified curriculum for the student.

A **Modified Program** may be designed specifically to allow the student to continue along with his/her class from a previous semester or year, but may result in a delayed graduation.

ACADEMIC DISMISSAL

Authority to dismiss students from the School of Dentistry rests with the Associate Dean for Academic Affairs. Any student who fails to meet the standards of academic progress may be dismissed from the program. The SPPC has the responsibility for monitoring student academic progress and making recommendations to the Associate Dean for Academic Affairs for the dismissal of any student who does not make satisfactory academic progress, or will not be able to correct past academic deficiencies within a reasonable period of time without undue hardship. Conditions which justify such a recommendation from the Committee are, but are not limited to:

1. Two or more failing grades in one academic year,
2. Eight (8) hours of failing grades during a single term;
3. Receiving a failing grade while on probation or otherwise failing to meet the requirements during a probationary period;
4. Minimum cumulative GPA of 2.000.

The SPPC shall not recommend the dismissal of any student unless the student has been provided an opportunity for a hearing conducted by the SPPC. Once a student has been dismissed for academic reasons or ethics violations, future readmission to the School of Dentistry will not be considered. The student may appeal the Associate Dean for Academic Affairs' decision to the Dean within five (5) school days after receiving notification of the adverse academic action. The request to appeal should take the form of a letter and must include the basis for the appeal. The Dean shall review the appeal and render a decision within five (5) school days of receipt. In case of the Dean's absence, the time frame will begin upon the Dean's return. The Dean's decision is final and not subject to further appeal. (This is based on Redbook Section 6.6.1: <http://louisville.edu/provost/redbook/contents.html/chap6.html#SEC6.6.1> which states, *The academic authority of the University in all matters involving academic status of each student shall be vested in the academic unit in which the student is enrolled.*)

Successful and timely completion of all courses and the requirements therein must be accomplished before a student will be approved for graduation from the School of Dentistry. **Students must complete the curriculum within six (6) calendar years in residence or be subject to dismissal. Students in a dual degree program may request from the Dean a waiver of the six (6)-year requirement. Students who have taken leave may request from the Dean a waiver of the six (6)-year requirement.**

NOTIFYING STUDENTS OF ACADEMIC DECISIONS

Should the SPPC Committee recommend an academic action, the Associate Dean of Academic Affairs and/or Dean will transmit that decision to the student in writing (hand-delivered and via official University email). This represents official notification regarding the decision. The DMD Program at the University of Louisville School of Dentistry is not responsible for the failure of a student to receive this notification. A student who refuses to accept an official notification of dismissal or denial of graduation loses the right to appeal the decision.

READMISSION FOLLOWING WITHDRAW/DISMISSAL

(This policy does not apply to a student who has been granted a Leave of Absence)

If a student withdraws from the School of Dentistry, he/she must apply for readmission. Any student who was dismissed, withdrew not in good standing, or displayed any lack of professionalism with respect to the management of patients or in interactions with other students, staff, or faculty is not eligible for readmission.

The applicant will be considered within the total pool of applicants to be considered for admission. When applying for readmission, the former student must meet all deadlines and supply all documentation required of other applicants.

In applying for readmission, the former student must provide new and objective evidence which demonstrates the likelihood of success in the DMD program. The applicant must also submit a letter indicating the reasons why he/she should be reconsidered.

Readmission, if approved, may be conditional, requiring performance of specific tasks at specific standards, either prior to or following readmission. Readmitted students are placed on probation and may be subject to immediate dismissal if progress is unsatisfactory regardless of the student's grades. A student may be judged unacceptable for promotion or be dismissed if the student has displayed repeated lack of professionalism with respect to the management of patients or in interactions with other students, staff, or the faculty. These factors, among others, may be treated equally in importance with other academic standards in that they reflect the developing capacity to deliver the expected standard of care.

Students dismissed for violations of the Code of Professional Responsibility are ineligible for readmission.

SCHOOL OF DENTISTRY STUDENT APPEAL PROCEDURES

Several appeal procedures are available to students in the School of Dentistry, either through channels within the School or through those established by the University. The student is referred to the University Campus Life Student Handbook for detailed information on the following subjects:

Academic Grievance Procedure – Section 6.8.3

<http://louisville.edu/dos/students/studentpoliciesandprocedures/student-grievance>

A. Any dental, dental hygiene, or graduate student with a concern about an academic or discriminatory matter may seek to resolve the problem through the following appeals procedure:

1. The student should first discuss the problem or concern with the involved faculty member.
2. If the problem or concern is not settled satisfactorily through informal discussion, the dental student should present his or her concern to the appropriate Department Chairperson, who should attempt to mediate a resolution.
3. If the student has not been able to obtain a resolution, he or she may request the ULSD Academic Official to attempt informal mediation of the matter.
4. If the matter is not solved satisfactorily through the informal process, the student shall submit a written statement setting forth their position to the Dean of the School of Dentistry. The matter will then be referred to the Student Grievance Committee of the School of Dentistry which has the power to hear all grievances involving academic matters.

The statement shall include:

- a. A brief narrative of the condition giving rise to the grievance;
- b. designation of the parties involved; and
- c. statement of the requested remedy.

B. Non-Academic Grievance Procedure

The student should follow the procedures as outlined in the University Student Handbook: Section 6.8.4, Non-Academic Grievance Procedures.

<http://louisville.edu/dos/students/studentpoliciesandprocedures/student-grievance>

C. Accreditation: Commission on Dental Accreditation Policy on Third Party Comments

1. The United States Department of Education (USDE) procedures now require accrediting agencies to provide an opportunity for third-party comment, either in writing or at a public hearing (at the accrediting agencies' discretion) with respect to institutions or programs scheduled for review. All comments must relate to accreditation standards for the discipline and required accreditation policies.
2. **Types of Comments Considered:** All comments submitted must pertain only to the standards relative to the particular program being reviewed or policies and procedures used in the accreditation process. Comments will be screened by Commission staff for relevancy. For comments not relevant to these issues, the individual will be notified that the comment is not related to accreditation and, where appropriate, referred to the appropriate agency. For those individuals who are interested in submitting comments, requests can be made to the Commission office for receiving standards and/or the Commission's Evaluation Policies and Procedures (EPP).
3. All comments are should be submitted to: Commission on Dental Accreditation, 211 East Chicago Avenue, Chicago, IL 60611, or by calling 1-800-621-8099, extension 4653.

NATIONAL BOARD DENTAL EXAMINATION (NBDE), PARTS I AND II

National Board Dental Examinations serve as comprehensive examinations of a student's knowledge in dentistry and the basic sciences. Passing the NBDE (currently Parts I and II) is a requirement for dental licensure by all licensing boards in the United States. It is the responsibility of each student to direct and manage his or her learning to prepare for the examinations, with guidance and assistance from the school. The University of Louisville School of Dentistry strongly recommends that the student successfully complete the NBDE prior to graduation.

Part I NBDE

The NBDE Part I is a comprehensive examination and consists of 400 exam items. For each discipline, approximately 80% of the items are intermingled, discipline-based; approximately 20% are interdisciplinary testlet-based items. A testlet consists of a patient scenario/history and a set of items from the various disciplines that are associated with the scenario.

A student in a dental education program accredited by CODA is eligible for examination when the dean of the dental school (or designee) verifies that the student is prepared in all NBDE Part I disciplines. Students typically challenge this exam during the summer after successful completion of the General Pathology course in the D2 year.

The exam items for the NBDE Part I are drawn from the following disciplines:

- Anatomic Sciences
- Biochemistry-Physiology
- Microbiology-Pathology
- Dental Anatomy and Occlusion

Part II NBDE

The NBDE Part II is a comprehensive examination and consists of 500 exam items. For each discipline, approximately 80% of the items are intermingled, discipline-based; approximately 20% are interdisciplinary case-based items. A case consists of a patient scenario/history and a set of items from the various disciplines that are associated with the scenario.

A student in a dental education program accredited by CODA is eligible for examination when the dean of the dental school (or designee) verifies that the student is prepared in all NBDE Part II disciplines. Students typically challenge this exam in the fall of the D4 year.

The exam items that comprise the discipline-based component are derived from the following disciplines:

- Endodontics
- Operative Dentistry
- Oral and Maxillofacial Surgery / Pain Control
- Oral Diagnosis
- Orthodontics / Pediatric Dentistry
- Patient Management
- Periodontics
- Pharmacology

- Prosthodontics
- Oral Pathology

The case-based component of the NBDE Part II presents events dealing with actual patients. The patient cases are developed to include the following approximate distribution: Adults (70%), Children (30 %). A minimum of 15 percent of Component B exam questions will address the medical management of compromised adults and children. A compromised patient is defined as a person whose health status requires modification of standard treatment.

Each case presentation in the examination consists of:

1. synopsis of a patient's health and social histories,
2. patient dental charting,
3. diagnostic radiographs, and
4. clinical photographs of the patient (when necessary).

Each case contains from 10 to 15 questions about various aspects of this patient's dental care. These questions, totaling 100 for all the cases, might derive from any of the basic sciences and clinical disciplines, including Patient Management. The proportion stemming from any particular discipline depends upon the nature of the case itself. For example, the case of an elderly adult might be based upon Maxillofacial Surgery / Pain Control, Prosthodontics, and Operative Dentistry; whereas, a child's case might derive from Orthodontics, Pediatric Dentistry, and Patient Management.

In responding to case-based items, the candidate must:

1. Interpret the findings and information provided.
2. Identify the problems and make diagnoses.
3. Select materials, technique, and armamentarium.
4. Apply treatment.
5. Evaluate progress and complications.
6. Establish procedures for prevention and maintenance.

It is the student's responsibility to familiarize themselves with the requirements of clinical licensing examinations and state dental boards.

D4 CLINICAL EXAMINATION

Students will be required to take and successfully complete the D4 Clinical Examination to be eligible for graduation. Failure to take and successfully complete this examination and any necessary remediation will result in a review by the Student Progress and Promotion Committee.

EXTERNSHIPS

The University of Louisville School of Dentistry provides the opportunity for qualified students (D3 students in their second semester and D4 students) to participate in externships at advanced education programs. Participation in such externships is voluntary and financial assistance from ULSD is not provided. Participation requires that the student be in good academic standing and have the approval of the student's Team Leader, the Associate Dean for Academic Affairs, and the Associate Dean for Clinical Affairs. In addition, the participation of students in any voluntary externship must not compromise ongoing patient care activities at ULSD, as determined by the student's Team Leader. In such cases, the student's participation in such voluntary activities may not be approved.

To apply, please complete the Externship Form available on the **Blackboard** organization entitled *DMD/Dental Hygiene Information*.

Additional Academic Policies and Programs

Ethical Violations

The School expects high ethical standards for all members of the dental profession. As future professionals, students should exhibit appropriate professional ethical behavior in all academic and clinical settings.

Students may be dismissed from school because of unethical conduct. A formal procedure has been established to review cases where students are accused of unethical behavior.

Disciplinary Probation

Disciplinary probation is a process for addressing student misconduct and a serious warning that a student's behavior has breached the standards of the School. During the probation period, the student must demonstrate conduct that conforms to standards of conduct of the School of Dentistry as found in the Code of Professional Responsibility. Disciplinary Probation may be imposed for a specified period. Probation may be imposed for a single instance of misconduct or for repeated minor misconduct. Any future conduct or academic integrity violation by a student on Disciplinary Probation, found to have occurred during the probationary period or violation of any conditions of the probation, may be grounds for suspension or, in especially serious instance, dismissal from the School of Dentistry. Students on probation are not considered to be in good standing at the School for the duration of the probation.

Suspension

Suspension is the termination of student status and separation from the School indefinitely or for a specific period of time during which the student loses all rights and privileges normally accompanying student status. Course directors are not obligated to provide the student with any opportunity to make up assignments, examinations, or other academic or clinical activity or rotations that occur during the suspension period. Suspension is imposed for instances of serious misconduct.

Student Conduct

The University of Louisville expects students and student organizations to conduct themselves according to generally accepted moral and social standards and to respect the rights and privileges of others. Students who enroll at the University of Louisville are subject to the rules and regulations of the University and agree to abide by them. Students must observe the policies of the University and the laws of the city, state, and federal governments as they apply to matters of personal conduct.

Drug Use Prohibited

In accordance with the statutes of the Commonwealth of Kentucky, student possession, use, or distribution of hallucinogenic and/or illegal drugs will not be tolerated. Infractions will result in disciplinary action by the University and may lead to suspension or dismissal from the DMD program.

Student Rights

A student who believes he/she has been treated unfairly, discriminated against, or has had his/her rights abridged may initiate a grievance in accordance with procedures described in the University's Redbook. A student should first seek to have the matter resolved through informal discussion and through administrative channels. Information about processing a grievance may be obtained from the Associate Dean for Pre-doctoral Education.

Privacy of Student Records

The University of Louisville hereby notifies students concerning the Family Educational Rights and Privacy Act of 1974. This Act, with which the institution intends to comply fully, was designed to protect the privacy of education records, to establish the right of students to inspect and review their education records, and to provide guidelines for the correction of inaccurate or misleading information. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office of the Department of Education concerning alleged failures by the institution to comply with the Act.

The University has adopted a policy which explains in detail the procedures to be used by the University for compliance with the provisions of the Act and the regulations adopted pursuant thereto. Copies of the policy can be obtained from the University Archives and Records Center, Ekstrom Library. Questions concerning the Family Educational Rights and Privacy Act may be referred to the Director, University Archives and Records Center.

Selective Courses

The dental curriculum provides dental students with several opportunities to take selectives. The largest of these course groupings, the Senior Selectives Series, is available to fourth year students. The fourth year of the DMD curriculum is designed to encourage seniors to continue academic studies in areas of specific interest to them and which allow them to meet personal career objectives. During the prior three years, students may participate in selective as their schedules permit. In addition to the selective courses sponsored by the School of Dentistry, students may also enroll in courses sponsored by other colleges with the University. Students may also participate in programs and courses offered by other education organizations, including dental schools, residency programs and hospital departments. Participation is contingent upon approval for leave from the University of Louisville.

Dual Degree Programs for Dental Students

The dental school participates in three types of dual degree programs:

DMD/MS

The DMD/MSOB program enables dental students to work towards the completion of Master's degree requirements while attending dental school. Typically such students seek an MS in Oral Biology (MSOB), but other degree programs also qualify. The MSOB classes are scheduled to be compatible with the DMD program. The MS is awarded by the University of Louisville's Graduate School. This program enables interested students to complete DMD and MS degrees during the four-year period, and with no additional tuition. Some students may wish to take the MS program before

entering the DMD program. The MSOB is a research-based program where the student works under the guidance of a faculty mentor.

DMD/Ph.D.

Exceptional students with a track record in research may choose the 7-year DMD/PhD program which prepares an individual for a career involving both research and clinical responsibilities. There is a strong need for dental researchers in academics as well as other fields. Significant stipends are available to support DMD/PhD students during the 7-year program. Only students who have already been accepted to the DMD program can be considered for the dual degree.

DMD/MBA

Oral health care has become extremely dynamic environment that will require dentists accomplished in both oral health delivery and management. The DMD/MBA dual degree is structured to meet the career goals for solo practitioners, as well as, as those individuals seeking to develop and market, discoveries, devices and/or innovations of the oral health care system to improve the delivery of clinical care. Graduates will be skilled in both dentistry and management, prepared to take positions of influence through which they will contribute markedly to the health and well-being of individuals and society.

[The College of Business](#) provides an outstanding, innovative graduate business education and has a national reputation as a leader in teaching entrepreneurial thinking. The College of Business has been selected as the National Model MBA Entrepreneurship Program and our programs in entrepreneurship are regularly ranked among the very best in the world. The Full Time and Professional MBA programs are also highly ranked.

The School of Dentistry has a tradition going back more than 125 years of educating outstanding clinicians and dentists who go on to become leaders in their fields, their communities and in academic dentistry.

How to Apply

The DMD/MBA program is open to all students who have successfully completed a baccalaureate degree at an accredited college or university. To be admitted to the program, the student is required to apply to and be accepted by both the School of Dentistry and the College of Business.

The application deadline is June 1 for the School of Business.

Students seeking admission into this program must submit applications to the Admissions office for the [School of Dentistry](#) and the [College of Business](#). These requirements are in addition to the submission of American Association of Dental Schools Application Service (AADSAS) dental school application materials. While enrolled in the School of Dentistry, DMD/MBA students are subject to academic policies and procedures applicable to both programs.

Advanced Education and other Educational Programs

Postgraduate/Residency Programs

The School of Dentistry offers postgraduate programs in a variety of general and specialty areas. Each program begins on July 1. All programs are fully accredited by the Commission on Dental Education of the American Dental Association and has been granted the accreditation status of approval without reporting requirements. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at 312-440-4653 or at 211 E. Chicago Ave, Chicago, IL 60611. Additional details for these programs are given below:

Endodontics

The Department of Oral Health and Rehabilitation offers a 24-month certificate program in Graduate Endodontics leading to a Master of Science in Dentistry degree. It is designed to fulfill the educational requirements to qualify for the American Board of Endodontics. The goal of this program is to develop skillful clinicians for the practice of Endodontics. The didactic portion of the curriculum explores in depth the biomedical sciences upon which modern clinical endodontics is based. Instruction in pharmacology, oral biology, immunology, microbiology, microcirculation, anatomy, and pathology is part of the basic science curriculum offered. Other course work may be required as individualized programs are developed by the faculty of the Department of Oral Health and Rehabilitation to meet the specific needs of each student. Further information may be found at <http://louisville.edu/dentistry/residency/endodontics>.

The program begins July 1 of each year and charges a yearly fee. Additional information may be obtained from:

Director, Postgraduate Program in Endodontics
Department of Oral Health and Rehabilitation
School of Dentistry, University of Louisville
Louisville, Kentucky 40292

General Practice Residency

The General Practice Residency program affords an opportunity for the recent graduate to obtain advanced education and training in comprehensive general dentistry within both an ambulatory and a hospital environment. This one year residency program is specifically designed to enhance the resident's abilities and confidence in fully treating the total patient while familiarizing themselves with other aspects of the hospital health service as they work in close relationship with other members of the health care team. The development of high professional standards in ethics, attitudes and performance is stressed. The program is administratively based in the Department of Surgical and Hospital Dentistry within the School of Dentistry. Further information may be found at: <http://louisville.edu/dentistry/residency/generalpractice>.

Interested applicants may obtain further information from:

Director, General Practice Residency Program
Department of Surgical and Hospital Dentistry
School of Dentistry, University of Louisville
Louisville, Kentucky 40292

Oral and Maxillofacial Surgery Residency (OMFS)

This program combines a residency in oral and maxillofacial surgery with a medical degree and the postgraduate medical training needed for medical licensure. The Advanced Educational Program in Oral and Maxillofacial Surgery at the University of Louisville is a hospital-based program co-sponsored by the School of Dentistry and the School of Medicine. The primary hospital for the program is the University of Louisville Hospital, a state-of-the-art, 400-bed Level 1 trauma center. The Chairman of Surgical and Hospital Dentistry also serves as Chief, Department of Oral and Maxillofacial Surgery and Dentistry at the University of Louisville Hospital. The outpatient clinic is located in an attached, modern ambulatory care building. The Department of Oral and Maxillofacial Surgery and Dentistry utilizes a 4800-square-foot clinic providing ambulatory surgery suites and complete support facilities.

The program is administratively based in the Department of Surgical and Hospital Dentistry within the School of Dentistry. In addition to Oral and Maxillofacial Surgery, this department includes OMF Pathology, OMF Imaging Services, Sterilizer Monitoring Service, Hospital Dentistry, and Pain and Anxiety Control. Further information may be found at:

<http://louisville.edu/dentistry/residency/oralsurgery>.

Interested applicants may obtain further information and application forms from:

Director, Advanced Education Program in Oral and Maxillofacial Surgery

Department of Surgical and Hospital Dentistry

School of Dentistry, University of Louisville

Louisville, Kentucky 40292

Orthodontics

The Department of Orthodontics, Pediatric Dentistry and Special Care offers a 24-month Certificate in Orthodontics leading to a Master of Science in Dentistry degree. The Advanced Education Program in Orthodontics consists of didactic coursework, clinical training and research. The Graduate Program is a planned sequence of advanced courses that leads to a certificate of proficiency in the specialty of orthodontics. Successful completion of this program fulfills the educational requirements of the American Association of Orthodontists and the American Board of Orthodontists. Further information may be found at: <http://louisville.edu/dentistry/residency/orthodontics>.

For detailed information and application forms, contact:

Director, Postgraduate Program in Orthodontics

Department of Orthodontics, Pediatric Dentistry and Special Care

School of Dentistry, University of Louisville

Louisville, Kentucky 40292

Pediatric Dentistry Residency

The Department of Orthodontics, Pediatric Dentistry and Special Care offers a 24-month Certificate in Pediatric Dentistry program leading to a Master of Science in Dentistry degree. The Pediatric Dental Residency Program has three residency positions open each year. The program is a school-based program with close association with Kosair Children's Hospital. Emergency calls at Kosair's Emergency Department are covered 24/7 by the Pediatric Dental Residents and most rotations occur

there as well. Kosair Children's Hospital is the only exclusively pediatric hospital in the state of Kentucky.

The graduates of Pediatric Dental Residency Program are in successful practices, in academics, and research. They have evidence-based knowledge of "best practices" in all areas of pediatric dentistry from infant oral health to trauma and hospital dentistry. Further information may be found at: <http://louisville.edu/dentistry/residency/pediatric>.

For detailed information and application forms, contact:
Director, Pediatric Dental Residency Program
U of L Pediatric Dental Clinic
Kosair Charities Building
982 Eastern Parkway
Louisville, Kentucky 40217

Periodontics

The Department of Oral Health and Rehabilitation offers a 36-month certificate program in Graduate Periodontics leading to a Master of Science in Dentistry Degree. The goal of the Graduate Program in Periodontics at the University of Louisville is to develop skillful clinicians and researchers for careers in academics and/or periodontal practice. Excellent training in clinical, research and teaching skills is essential to equip tomorrow's specialists with the proper scientific background to deal with the changes and challenges inherent in a profession undergoing rapid scientific advancement.

Students are exposed to a wide variety of clinical techniques by a group of highly qualified faculty with diverse training and varied backgrounds. The philosophy of the program is that clinical excellence is based on technical proficiency, expert diagnostic skills and broad based knowledge of the periodontal literature.

The didactic portion of the curriculum explores in depth the biomedical sciences upon which modern periodontics and periodontology are based. Instruction in anatomy, biochemistry, microbiology and immunology are integral parts of the basic science curriculum offered. Further information may be found at: <http://louisville.edu/dentistry/residency/periodontics>.

Interested applicants should contact:
Director, Graduate Periodontics
Department of Oral Health and Rehabilitation
School of Dentistry, University of Louisville
Louisville, Kentucky 40292

Prosthodontics

The Department of Oral Health and Rehabilitation offers a 36-month certificate program in Graduate Prosthodontics leading to a Master of Science in Dentistry Degree. The primary objective of the Graduate Program in Prosthodontics, through an organized, advanced and comprehensive curriculum, is to prepare dentists for the contemporary specialty practice of Prosthodontics. The program is designed to produce clinicians proficient in a range of procedures characteristic of the discipline. By integrating courses in behavioral and biological disciplines, in addition to clinical experience,

graduates will also become competent at research and teaching. Further information may be found at: <http://louisville.edu/dentistry/residency/prosthodontics>.

Interested applicants should contact:
 Director, Graduate Prosthodontics
 Department of Oral Health and Rehabilitation
 School of Dentistry, University of Louisville
 Louisville, Kentucky 40292

Additional School of Dentistry Educational Opportunities

Graduate Oral Biology Program: MSOB and PhD in Oral Biology

The graduate school (School for Interdisciplinary and Graduate Studies, SIGS) awards Master of Science (MS) and Interdisciplinary PhD degrees in Oral Biology through the Dental School. Students interested in biomedical research can enroll in these programs, and exceptional students can combine these with the DMD program. Graduate programs are research-based, where the student does a substantial research project leading to a significant thesis or dissertation. The MS in Oral Biology (MSOB) is typically a 2-year program. This program is directed toward a general understanding of the biology of dental science. Students obtain detailed knowledge and necessary skills required to perform biologic research. Requirements include courses in introductory and advanced oral biology and data analysis; preparation entails participation in seminars and a thesis. Other course work may be required as individualized programs are developed by students working through their major professors and graduate committees. The MS in Oral Biology offers training important to students interested in careers in academics, or clinical dentistry, or in the biotechnology sector.

Interested persons may obtain further information at: <http://louisville.edu/dental/oralbiology>

Dental Hygiene Program

A four-year program leading to a Bachelor of Science-Dental Hygiene degree. Information on this program can be found in the University of Louisville Undergraduate Catalog.

Continuing Education

Today's dental health professionals must possess a high level of knowledge and skills that will enable them to provide quality dental care for the patients they serve. To manage the explosion of available information and to maintain currency of knowledge, lifelong learning such as Continuing Education is an absolute necessity.

The Continuing Education program of the University of Louisville School of Dentistry offers a broad range of programs covering most of the disciplines in dentistry. The courses are presented in lecture format, as multi-media presentations, and as participation courses in our state-of-the-art Simulation Clinic and Laboratories.

ULSD CE course presenters include faculty, invited speakers from other schools, and principal clinicians from the American Dental Association. The annual ULSD Alumni Day program features dentistry's most popular and highly recognized speakers and attracts a large number of participants.

ULSD CE is an American Dental Association CERP (Continuing Education Recognition Program) provider. CERP was created by the ADA to assist its members, the recognized specialty

organizations, the American Association of Dental Schools, the American Association of Dental Examiners, and the broad-based dental profession in identifying and participating in quality continuing education.

Departments of Instruction

Clinical Sciences

Department of General Dentistry and Oral Medicine

The faculty in this department are committed to supporting the mission of the university and the school through teaching, research, service and patient care. Our primary mission is to provide high quality didactic, pre-clinical and clinical instruction that is contemporary and evidence-based.

Department of Orthodontic, Pediatric Dentistry, and Special Care

Through research and clinical education programs in pediatric dentistry, orthodontics and geriatrics, this department strives to advance the understanding of the causes, mechanisms, treatment and prevention of malocclusions and other oral diseases as well as improve the oral health care of children, adolescents and adults in Kentucky.

Department of Oral Health and Rehabilitation

The Endodontics, Periodontics, and Prosthodontics sections are responsible for DMD teaching and specialty training programs. The Dental Hygiene section trains dental hygienists in a Bachelor's degree program.

Department of Oral Immunology and Infectious Disease

The department faculty are involved in cross-disciplinary research and teaching related to the molecular and cellular basis of oral bacteria and oral diseases. Faculty teach in the DMD program in courses including General Pathology, and Correlated Sciences, as well as in the Graduate Program.

Department of Surgical and Hospital Dentistry

The Department of Surgical and Hospital Dentistry is comprised of seven areas of specialization: oral and maxillofacial surgery; oral and maxillofacial pathology; oral and maxillofacial radiology; sterilizer monitoring program; hospital dentistry; overseas dentistry and zoo dentistry.

It is also home to two training programs: oral and maxillofacial surgery and general practice residency.

The departments of instruction are listed alphabetically and indicate the faculty who have primary teaching responsibility in the dental curriculum. Subject areas are presented in courses which have the following prefixes:

| | |
|------|---|
| BMSC | Basic Medical Science |
| DHED | Dental Hygiene Education |
| GDOM | General Dentistry and Oral Medicine |
| IDSC | Interdisciplinary Studies |
| OPSC | Orthodontic, Pediatric Dentistry and Special Care |
| OHR | Oral Health and Rehabilitation |
| OIID | Oral Immunology and Infectious Diseases |
| SUHD | Surgical and Hospital Dentistry |

Basic Sciences Departments

A major portion of the basic science curriculum is provided to the DMD Program by faculty based in departments administered by the School of Medicine. The chairs of these departments report to the Office of the Dean of the School of Medicine. The Biological Sciences portion of the curriculum is governed by the School of Dentistry's Curriculum Committee.

Program coordination is assured by the Associate Dean for Pre-doctoral Education. Additional basic science course work is provided by the faculty from other departments in the School of Dentistry.

Basic Science Departments & Courses

Department of Anatomical Sciences and Neurobiology

BMSC 802 Histology-5 credit hours

The course begins with a presentation of the cytological features of the idealized cell leading to presentations on the structure and function of the basic tissue types found in our body. The unique needs of organs are met by appropriate combination of the tissue types that leads to the study on the formation of organs and systems. The course will culminate by a detailed study on the oral cavity including the mineralized and soft tissues components.

BMSC 809 Survey of Dental Gross and Neuroanatomy-7 credit hours

This course is designed for 1st year Dental students. The primary goal of the course is to introduce clinically-oriented gross anatomical principles and foster critical thinking skills necessary for students to utilize their anatomical knowledge to evaluate the health of patients and to solve clinical problems. Cadaveric dissection is the focal point of all teaching activities, allowing students to develop a three-dimensional/functional appreciation for the relationships of the various structures in each anatomical region.

Department of Biochemistry and Molecular Biology

BMSC 804 Biochemistry-5 credit hours

Covers the fundamentals of biochemistry and molecular biology with special emphasis given to areas applicable to dentistry. Topics include cell biology, chemical principles of biological systems and the structure, function and metabolism of amino acids, proteins, carbohydrates, lipids and nucleic acids. Clinical correlates include sickle cell anemia and hemoglobinopathies, blood clotting disorders, collagen diseases, diabetes, nutritional disorders, diseases of amino acid and lipid metabolism, molecular basis of genetic diseases.

Department of Microbiology and Immunology

BMSC 806 Microbiology and Immunology-4 credit hours

This is a general course on infectious diseases of high relevance to those in the field of dentistry. Special emphases are placed on oral infections, immunity, treatment, and microbial resistance mechanisms. Specific topics include the human immune response, pathogenesis of common microbial infections, and the microbiological and biochemical basis of oral, head, and neck infections, periodontal diseases, and cariogenesis.

Department of Pharmacology and Toxicology

BMSC 807 Pharmacology and Dental Therapeutics – 4 credit hours

Course covering overall, important principles in the actions of drugs. Although emphasis is given to drugs used by the dentist, study is extended to all major groups of drugs to give students a more general appreciation of the role of drugs in dental practice. Clinical correlations between pharmacology and clinical practice are made periodically throughout the course.

Department of Physiology and Biophysics

BMSC 805 Physiology-6 credit hours

This course provides an in depth view of the fundamental principles concerning function of the circulatory, respiratory, kidney, endocrine, gastrointestinal, muscle, and central nervous systems. Emphasis is placed on physiologic mechanisms for feedback control of function in humans. Overall, this course offers a strong physiology background as a science basis for clinical dentistry. It will consist of didactic lectures and readings from the course lecture notes. All dental students will take this course on a letter grade basis.

School of Dentistry Departments and Courses

Department of General Dentistry and Oral Medicine

GDOM 800 Dental Anatomy and Occlusion Lecture-1 credit hour

Dental Anatomy is a preclinical course comprised of a lecture series designed to familiarize D1 students with the general anatomical characteristics of the human oral cavity. The external and internal crown and root morphology of both permanent and primary dentitions is presented in detail. The relationship of anatomical features of teeth to the practice of clinical dentistry is stressed throughout the course. Emphasis is placed on the function of occluding surfaces and the relationships of external crown form to prevention of periodontal disease and dental caries.

GDOM 801 Dental Anatomy and Occlusion Laboratory-3 credit hours

The laboratory component of Dental Anatomy and Occlusion is a preclinical course offered by the Department of General Dentistry and Oral Medicine to D1 dental students. Technical skills utilizing dental wax to recreate anatomical crown morphology and function are developed.

GDOM 802 Introduction to Preventive Dentistry- 1 credit hour

Introduction to Preventive Dentistry is a one hour graded didactic course for the incoming D1 students. It is a preliminary approach to the etiology and pathogenesis of dental caries and periodontitis with discussions of salivary physiology, caries risk assessment, OTC preventive products, RX preventive products and clinical applications of fluoride.

GDOM 803 Preclinical Operative Dentistry Lecture I-2.5 credit hours

Prerequisite: GDOM 800

Preclinical Operative Dentistry is a preclinical course comprised of a lecture series designed to familiarize D1 students with the terminology, materials, and instruments used in operative dentistry; principles of cavity preparation for amalgam, resin composite, and glass ionomer manipulation, placement, and finishing; and pulp protection. Dental Anatomy and Occlusion principles presented in that course are applied to operative dentistry.

GDOM 804 Preclinical Operative Dentistry Laboratory I-6 credit hours

Laboratory series that is designed to introduce the first year student to the basic theory and techniques used in Operative Dentistry. Emphasis is placed on preservation of tooth structure from further destruction by dental disease. Technical skills used in the placement of composite resin and amalgam restorations are developed.

GDOM 805 Introduction to Clinical Dentistry I-2.5 credit hours

This course serves to introduce the first year dental students to the School of Dentistry's clinical operations with special attention to alginate impressions, pouring casts, critical thinking, oral health and preventive dentistry. Emphasis will be placed on systemically cultivated excellence in thought. The course includes a wide variety of lectures and activities in many areas of the Dental School. Exercises may include pre-clinical and clinical exercises including treating standardized patients. Blackboard and Tegrity will be used for this course. Various classroom assessment techniques will be used to promote learning and increase your ability to become more effective, self-assessing, self-directed learners.

GDOM 807 Evidence Based Dentistry- 1 credit hour

Evidence-Based Dentistry is designed to provide students with important concepts and develop their ability to search the scientific literature databases, to critically evaluate the gathered information, and to find objective and relevant answers for clinical questions. The student will learn how to apply the evidence to practice and to self-evaluate the adoption of a new evidence-based approach. A major emphasis will be the development of the critical thinking process (based on the SEE-I approach – State, Elaborate, Exemplify, Illustrate).

GDOM 810 Physical Diagnosis-2 credit hours

Introductory course to teach clinical patient evaluation. Emphasis is on obtaining a medical history, reviewing normal structures, vital signs & supplementary data for working diagnoses.

GDOM 812 Introduction to Clinical Dentistry II-3 credit hours

This course serves to introduce the D2 student to the ULSD's clinical operations with special attention to the delivery of care to patients in the school's comprehensive care and admissions clinic. Will include dental auxiliary utilization (DAU) and dental practice ergonomics exercises with a wide variety of lectures and activities in many areas of the dental school. There are several clinical exercises that review rubber dam placement, prepping and restoring class I and II amalgams and Class III composites, and performing a hard and soft tissue exam. All preclinical and clinical exercises will require students to complete a PARTS note, update and review medical history in axiUm, use correct CDT codes for every treatment procedure completed and to practice appropriate ULSD infection control practices. Students will also receive training and assignments using axiUm, which is the ULSD's clinic management system.

GDOM 815 Auxiliary Retention Direct Cusp Replacement- 1 credit hour

Consist of a lecture and laboratory series that is designed to introduce the upcoming D3 dental students to the theory and techniques used in advanced direct restorative dentistry. The study of the physical properties, manipulation, and chemistry of the dental materials utilized is included. Emphasis is placed on preservation of tooth structure from further destruction by dental disease while utilizing advanced retentive techniques for large direct restorations. Technical skills and advanced retentive methods used in the placement of composite resin and amalgam restorations are developed. Course teaches techniques to include pins, slots and multi-cusp replacement for both anterior and posterior applications. Designed to augment the base knowledge obtained from pre-clinical operative dentistry course and represent the majority of direct operative procedures that will be encountered following the removal of advanced carious lesions.

GDOM 820 Community Service-0.5 credit hour

This three year course provides the student dentist with the opportunity to participate in a wide range of service learning community activities. In so doing, it affords the student an opportunity to learn more about the community in which he or she is living and working, as well as to experience the responsibility of the health care professional in terms of community engagement. Successful educational outcomes in management of community dentistry are demonstrated by the new dentist's ability to self-assess and describe an active role in promoting oral health in his or her community.

GDOM 824 Preclinical Treatment Planning – 4 credit hours

The Preclinical Treatment Planning course provides foundation knowledge in comprehensive treatment planning, prognosis, and informed consent. Patient assessment techniques are introduced that build on the

foundation knowledge that students have obtained in previous didactic and preclinical courses. These techniques illustrate how to determine the patient's chief complaint, how to identify and manage urgent treatment needs, and provide a treatment environment that allows free communication between provider and patient. Techniques are introduced to: 1) analyze the results of diagnostic data collection in order to arrive at a definitive diagnosis; 2) utilize data from the assessment and diagnosis to develop a sequential plan of treatment, addressing urgency of treatment needs and acknowledgement of the patient's chief concerns; 3) develop a prognosis of treatment choices with a consideration of the patient's dental values and motivation based on patient assessment data such as caries risk and oral hygiene skills; and 4) provide an environment for the patient to provide informed consent. Methods are presented to illustrate to the patient the nature and severity of their disease, the causative factors leading to their disease, the alternatives to treatment, possible complications of treatment, and the risks and benefits of treatment choices.

GDOM 830 Dental Clinical Pharmacology-2 credit hours

This course presents topics in dental clinical pharmacology and oral medicine with specific emphasis on antibiotics, analgesics, local anesthetics, anxiolytic, antifungal and antiviral drugs, as well as the pharmacologic management of medically related disorders and conditions affecting the oral and maxillofacial region.

GDOM 831 Operative Dentistry III-0.5 credit hour

Lecture series correlated with clinical experience obtained in the D3 year. Basic operative procedures are related to clinical treatment of patients. Clinical variations of basic operative procedures and advanced techniques are introduced. Literature in dental materials and operative dentistry are reviewed.

GDOM 832 Introduction to Practice Management-1 credit hour

This course presents basic business management concepts as applied to a dental practice. The content is tailored to prepare the student for his/her extramural rotation in which practice management is a component.

GDOM 833 Clinical Treatment Planning I-3 credit hours

Clinical Treatment Planning I in the D3 year provides the student with experiential knowledge on their first two treatment plans in the Comprehensive Care Clinic. The D3 Clinical Treatment Planning Program, which is a component of the course, is designed to offer students an intensive experience with their first two comprehensive treatment plans with the treatment planning discipline faculty members.

GDOM 834 Clinical Operative Dentistry I-4.5 credit hours

GDOM 846 Clinical Operative Dentistry II-6 credit hours

Experience in the operative dentistry clinic during the D3 and D4 years that enables the student to obtain clinical experience in providing operative dentistry treatment for clinical patients. Basic procedures mastered in the preclinical laboratory and auxiliary retention courses are practiced in a clinical environment. As students' progress, clinical variations are introduced and more advanced operative procedures are mastered.

GDOM 835 Oral Medicine-3 credit hours

This course is designed to instruct students in developing clinically-applicable knowledge concerning the assessment and management of dental patients with medical disorders/diseases and medically

compromised states that may necessitate modification of routine dental treatment protocols and procedures, or require special precautions in order to prevent or reduce the risk of complications associated with the dental treatment of these patients.

GDOM 840 Clinical Patient Management I-4credit hours

GDOM 855 Clinical Patient Management II-4 credit hours

This course will consist of the aspects of a student's skills, behavior, and knowledge that are separate from clinical technical skills. Those elements include clinic utilization, patient management, professionalism, case presentation, personal interaction, self-assessment and case presentation activities.

GDOM 841 Senior Practice Management-4 credit hours

The goal of this course is to present and discuss specific topics in the management of a dental practice. Students are expected to draw on examples and experiences encountered while on extramural rotation. This is the capstone practice management course for dental students. The course describes business principles and how they are applied in a typical general dental practice. Teams of students also operate a computer-simulated dental practice. Classroom activities support the concepts that govern the computer simulation and material in the text. The final summative assessment is the student successfully operating a computer simulation practice.

GDOM 842 Restorative Dentistry Review-1 credit hour

The Restorative Dentistry Review course for the D4 students is conducted entirely online, which means you do not have to be on campus to complete any portion of it. You will find multiple-choice quizzes divided by 15 topics of the most current concepts in Restorative Dentistry. Concepts are based on the summative knowledge expected by the National Dental Board Examination Committee- Part II. You will participate in the course using the "Softchalk Create", which is a desktop software program, available for PC or Mac, used to produce a Softchalk lesson. The interactive lessons have been designed to allow easy navigation of the content by screen readers. You can access and navigate with just a keyboard. Score data from SoftChalk content goes directly into the Blackboard.

GDOM 844 Clinical Treatment Planning II-2 credit hours

The Clinical Treatment Planning II course offers D4 students the opportunity to continue their experiences in treatment planning with their assigned comprehensive care patients. The treatment planning process in the D4 year is similar to the D3 experience with the treatment planning faculty. D4 students present their assessment of the patient's diagnostic data to their Group Manager, discussing evidence-based treatment options and appropriate specialty consultations. After obtaining any needed consultations, the D4 student presents the comprehensive treatment plan to the patient under the supervision of the Group Manager. Students formulate an individualized treatment plan with appropriate preventive measures, and refer patients to a dental specialist if treatment needs are beyond the scope of treatment for a general practitioner. The process ensures that patient's wants, needs, and preferences are taken into consideration, and that patients have the education and support they need to participate in their own care.

GDOM 845 Clinical Diagnosis-3 credit hours

This clinical course is designed to assist the student in becoming knowledgeable in oral diagnosis and oral medicine. Clinical Diagnosis in the Oral Medicine curriculum entails a four-semester ongoing clinical

experience in principles of diagnosis, medicine and emergency care (immediate or urgent care) that is graded at the end of the second (spring) semester of the D4 year. The experience comes basically in patient admission, consultations, and emergency/immediate patient care.

GDOM 848 Clinical Extramural Experience 4-6 credit hours

Students in good academic standing as required for the ULSD clinic complete a four week experience in dental sites throughout the Commonwealth of Kentucky and in other states. A variety of possible sites include rural and urban private practices, public and private clinics, hospital settings, prisons, and Indian reservations. Besides performing clinical work, students are expected to describe practice management concepts and systems and to investigate the interrelationships of the health care system with the community. The instructional mode is Community-Based Learning (CBL).

GDOM 849 Ethical Issues in Dentistry-1 credit hour

Both dental students and practicing health professionals are often called upon to make critical decisions which require discernment in the balancing potential harms and benefits of a particular treatment in the clinical setting. The aim of this course is to help prepare the student for practice by presenting both ethical issues that occur frequently in dentistry, and a set of bioethical principles commonly used in U.S. healthcare that provide a framework for analysis of the ethical complexities of patient care. Reasoning through these ethical issues creates familiarity with the principles, which are also endorsed by the ADA and the American College of Dentists, and provides students with guidance for dealing successfully with patients, peers, and society. Another goal of this course is to increase student awareness of the concepts of professionalism and social responsibility, and to assist the student with learning skills for providing care for a diverse population of patients.

GDOM 856 Special Topics in Clinical Dentistry-1 credit hour

This is a multi-disciplinary series of lectures designed to update and review the most current information in clinical pharmacology, prosthodontics, and related dental materials. The objective of the course is to prepare the student to successfully integrate these subject areas into their private practice experience.

GDOM 876 Principles of Esthetic Dentistry-3 credit hours

This course will emphasize the clinical practice of comprehensive oral esthetic dentistry through a series of lecture sessions and reading assignments. During the course the student will learn the principles of esthetic diagnosis, photography, treatment planning, dental materials, ceramic restorations and procedures for anterior direct composite resin placement. The course will take a comprehensive care approach that is multi-disciplinary focused and emphasize the need for a team approach with other specialties for comprehensive patient care.

GDOM 879 Introduction to Photography in Dentistry (selective)- 1 credit hour

With the Bio informatics becoming the tool of communication in the medical field, and with having the digital tools and knowing how to use it; sharing the information and obtaining consults should become very easy. For that reason this hands on course was developed with the following outlines:
This course is a combination of lecture/hands-on portions. Lectures will focus on covering the basics of dental photography and the multiple set ups, techniques, various standard views , photography of instruments, casts, X rays and documents , and the different techniques to obtain valid photographs.

GDOM 880 Geriatric Dentistry (selective)- 1 credit hour

Because the geriatric patient often presents complex and unique treatment challenges, a multidisciplinary approach to geriatric patient care involving the expertise of a variety of healthcare providers is often indicated. Accordingly, speakers from a variety of healthcare disciplines will present lectures using various learning formats including Skype, Live Lecture and Case Studies. This course is meant to compliment and supplement information provided in the 3rd Year Pediatric Special Patient Care Course and the 3rd year Concepts in Special Patient Care Course.

GDOM 881 Advanced Occlusion & Restorative Concepts (selective)- .5 credit hours

Advanced occlusal concepts with an emphasis on restorative concerns will be the major focus of the class. The course will be discussion led and will lead towards clinical usage and applications. Critical thinking, clinical analysis and group discussions will be moderated by the course director. The class will be kept to a small size for maximum effectiveness in a small group learning atmosphere.

Department of Orthodontic, Pediatric Dentistry, and Special Care**OPSC 800 Growth & Development-1 credit hour**

This course will introduce the D1 dental student to the anatomical, physiological and psycho-social factors associated with the growth and development of humans. It will also demonstrate the application of this basic information during the treatment of children, adolescents and adult patients in the general practice of dentistry.

OPSC 804 Pediatric Dentistry-1 credit hour

Lecture course designed to familiarize the student with techniques in the management of the developing dentition, pediatric preventive dentistry, and diagnostic and restorative techniques necessary to begin treating children.

OPSC 805 Principles of Orthodontics II-1 credit hour

Covers principles of orthodontic diagnosis and treatment planning in more detail than Principles of Orthodontics I. This course is structured to represent the link between orthodontic therapy and clinic utilization. As such, it is directly preparatory to the course in Clinical Orthodontics. An outline of subjects to be covered is in the manual. The course consists of a total of 16 classroom sessions for a total of 16 hours lecture time, which is given in the spring semester of the D3 year. It presents the basic design and usage of fixed appliance systems as well as the use and construction of removable appliances. A series of “mini clinics” is presented in which students are exposed to various aspects of appliance design and use in a clinical setting.

OPSC 806 Pediatric Dentistry II-1 credit hour

Lecture course covering the topics included in Pediatric Dentistry I in more depth. Includes additional material on management of traumatic injuries, emergencies, pulp treatment, nitrous oxide sedation, bleaching, periodontics, oral habits, and oral pathology in children. In addition, behavior management of the child patient is emphasized.

OPSC 809 Clinical Orthodontics-1 credit hour

As a general dentist, you will need to know how to identify and diagnose orthodontic problems, educate patients on those problems, and perform either appropriate treatment for those problems or appropriate

referral to a specialist. The didactic curriculum emphasized these principles of orthodontics, while the clinical orthodontic curriculum is intended to give you hands-on experience evaluating patients and helping with some orthodontic treatment procedures. This course has two primary components: clinical orthodontics and a competency examination.

CLINICAL ORTHODONTICS: In previous didactic courses students have been introduced to orthodontic principles and practices and learned how to identify orthodontic problems. To supplement your didactic education with clinical experience, students participate in a rotation through the graduate orthodontic clinic. Students are required to complete certain learning experiences which will reinforce their knowledge of orthodontic principles and procedures.

COMPETENCY EXAM: The Competency Exam is the capstone experience of your DMD ortho experience, and is administered to D4 students during their last semester (typically in March or at a time that is convenient for the class). It is also a last chance to review and re-emphasize essential orthodontic principles you will need to know before heading out into practice.

In the exam, students are given a series of pictures and x-rays and asked questions related to orthodontic diagnosis, growth and development and orthodontic treatment. This requires you to take all the information you have learned in the classroom and clinic and apply it to a real-life type scenario.

After viewing the pictures and radiographs, you will answer questions about:

- Growth and Development: Dental / Chronological / Skeletal Age; Eruption timing and sequence; Dental development – spacing and crowding over time
- Orthodontic Diagnosis: Systematic description of malocclusion; Patient profile analysis
- Orthodontic Treatment: Treatment timing; Extraction vs. Non-Extraction; Indications for Orthognathic Surgery

A review session is available to all students who wish to review the essential principles and concepts of orthodontic diagnosis, treatment planning and treatment.

OPSC 811 Concepts in Special Patient Care-1 credit hour

This course will provide the D3 student with information about non-traditional patients seen in contemporary dental practice. It will review many principles of working with “special” patients, including the need to coordinate dental care with services provided by other types of health professionals. Satisfactory completion of the course is required before assignment to the Clinical Geriatric Dentistry service rotation in the fourth year.

OPSC 813 Clinical Pediatric Dentistry-5 credit hours

The Clinical Pediatric Dentistry course is completed on a block assignment rotation basis. A rotation schedule will be provided. On completion of this course a student should will feel confident about patient management, diagnosis, treatment plan and comprehensive dental care for the child patient.

OPSC 815 Preclinical Orthodontic/Pediatric Dentistry Lecture and Lab-3 credit hours

This is a three credit hour course covering basic orthodontic and pediatric dentistry principles and techniques. With this information you should be better able to diagnose problems and make appropriate treatment decisions and recommendations to patients. Some basic treatment techniques are taught so that you will be prepared, with supervision, to treat the less complicated problems that may be confronted in the clinic. The class periods will usually be divided into a lecture section followed by a laboratory period. The lecture will cover essential principles in orthodontics and pediatric dentistry, and also the theory and technique of the exercise to be covered in the laboratory period. Preclinical lecture and laboratory course designed to acquaint the student with utilization and handling of orthodontic materials and instruments.

Also designed to perfect the motor skills of a student before performing pediatric restorative procedures in the clinical setting.

OPSC 816 Pediatric Special Needs-1 credit hour

The American Academy of Pediatric Dentistry (AAPD) defines Special Health Care Needs as “any physical, developmental, mental, sensory, behavioral, cognitive, or emotional impairment of limiting condition that requires medical management, health care intervention, and/or use of specialized services or programs. The condition may be congenital, developmental, or acquired through disease, trauma, or environmental cause ... Health care for individuals with special needs requires specialized knowledge acquired by additional training, as well as increased awareness and attention, adaptation, and accommodative measures beyond what are considered routine.” This is a required course for the 3rd year dental students. It will help students develop the knowledge base needed to treat special needs patients successfully and safely. This will foster an interest in caring for special needs patients when they get into practice. The students will receive didactic and clinical instruction.

Department of Oral Health and Rehabilitation

OHR 801 Infection Control- 1 credit hour

This course introduces the infection and hazard control procedures necessary for the safe practice of dentistry. Topics include microbiology, practical infection control, sterilization and monitoring, chemical disinfectants, aseptic technique, infectious diseases, CDC Guidelines and OSHA standards. Upon completion, students should be able to understand infectious diseases, disease transmission, infection control procedures, biohazard management, OSHA standards and CDC Guidelines.

OHR 805 Endodontics I-3 credit hours

Endodontics is the branch of dentistry concerned with the morphology, physiology, and pathology of the human dental pulp and periradicular tissues. Its study and practice encompass the basic clinical sciences including biology of the normal pulp; the etiology, diagnosis, prevention and treatment of diseases and injuries of the pulp; and associated periradicular conditions. (American Association of Endodontists)

This clinical course includes lectures on the biological and clinical aspects of endodontics plus laboratory exercises. The biologic aspect lectures include discussions of pulp and periapical diseases, diagnostic and treatment procedures, selection of patients, and medications in endodontics. Clinical aspect lectures are devoted to procedures used in preparing and filling root canals, discussion of the materials used, restoration of endodontically treated teeth and clinic orientation. During laboratory exercises, students prepare and fill the root canals on extracted human and prefabricated teeth. Students may treat patients as soon as the preclinical course is completed.

OHR 815 Endodontics II-1 credit hour

This didactic course consists of a series of lectures of clinical aspects of endodontics followed by a seminar series dealing with particular clinical problems. This course runs concurrently with the clinical course.

OHR 818 D3 Clinical Endodontics-1 credit hour

D3 Clinical Endodontics is a third year course in the pre-doctoral endodontic curriculum. This course will provide clinical experience in both diagnosis and treatment of diseases of the pulp and periapical region.

It will emphasize clinical application of principles taught in the second year endodontic technique course (Endodontics I) and in the third year (Endodontics II) didactic endodontic course.

OHR 825 D4 Clinical Endodontics-2 credit hours

D4 Clinical Endodontics is the final course in the pre-doctoral endodontic curriculum. This course continues to emphasize diagnostic and therapeutic procedures as well as provide additional experience in the clinical application of principles taught in the second and third year courses. In addition, the student dentist is exposed to management or treatment of the more complicated endodontic therapy.

OHR 828 Endodontic Selective- 1 credit hour

The discipline of Endodontics is in its evolutionary process and growth as a specialty of Dentistry. The D4 Selective Endodontics course is for those D4 students who have a special interest in endodontics. Over the past ten years, the practice of endodontics has been enhanced by new technology, innovations and evidence-based research.

OHR 830 Periodontics I-1 credit hour

This introductory course integrates basic science knowledge into the study of the investing and supporting tissues of the teeth.

OHR 835 Periodontics II-1 credit hour

This is a continuation of the D1 perio course. It introduces students to the basic concepts necessary in recognizing periodontal health and diagnosing periodontal diseases. Also emphasized are prognosis and treatment planning. Additionally, a consideration of the relationship of Periodontics to various clinical disciplines is presented. Periodontal treatment modalities for treating periodontal disease, rationale, indications, contraindications, objectives and techniques are presented.

OHR 838 Periodontal Modular Learning-2 credit hours

This is a "hands-on" course in clinical periodontology. Periodontology is the science and study of the investing and supporting tissues of the teeth and jaws. The dental specialty which limits its treatment to those tissues is Periodontics and the dental specialist performing treatment on these tissues is a Periodontist. This course will consist of seven modules which will address data collection, diagnosis, prognosis, periodontal/preventive treatment planning and referral guidelines, plaque assessment, oral hygiene aids, instrument sharpening, calculus detection, scaling and root planning, ultrasonic instrumentation, treatment of hypersensitive teeth, non-surgical treatment methods and simple suturing techniques. This course will also discuss the psychology of the student doctor/patient relationship.

OHR 840 Periodontics III-1 credit hour

The course is a continuation of Periodontics II. A focus on diagnosis, and treatment planning exists. Additionally, indications, contraindications and rationale for periodontal surgery, different surgical treatment techniques, surgical complication, periodontal plastic surgery and implant therapy will be discussed.

OHR 850 Advanced Periodontics-1 credit hour

This summary course uses a case presentation format. It enables students to approach the diagnosis, treatment plan and treatment success with a strong emphasis on the overall patient medical picture. It uses small group discussion to develop logical aspects of patient management and treatment.

OHR 852 Clinical Periodontics-3 credit hours

Prerequisites: Completion of 1st and 2nd year periodontic didactic courses.

Students will demonstrate competency in treating patients with periodontal disease. This includes examination and diagnosis, treatment planning, sealing and root planning, minor surgical procedures and re-evaluation of treatment success and maintenance therapy.

OHR 855 Clinical Preventive Dentistry -3 credit hours

Students will demonstrate proficiency in treatment planning the preventive needs of the patient.

Additionally, they will demonstrate counseling in oral hygiene, tobacco use intervention and diet. They will demonstrate knowledge of the appropriate use of fluorides and hygiene tools.

OHR 856 Advanced Periodontics Selective-0.5 credit hours

Selective Endodontics is for those D3 students who have a special interest in endodontics. This Elective Program provides a meaningful extension. To enrich didactic and clinical background of a limited number of dental students geared towards a career in Periodontics. Provide clinical hands-on exposure on fundamental periodontal surgery procedures. Allow them to utilize their experience during the application process for advanced studies in Periodontology.

OHR 860 Preclinical Occlusion and Temporomandibular Disorders-3 credit hours

This course is designed to present the terminology and basic concepts in occlusion, mandibular movement, and TMJ disorders. Emphasis is on the etiology, examination, diagnosis, and treatment of occlusal abnormalities, temporomandibular joint disturbances, and neuromuscular dysfunction. Clinical experience in these areas is included.

OHR 861 Introduction to Indirect Restorations Lecture-2 credit hours**OHR 862 Introduction to Indirect Restorations Lab-3 credit hours**

Designed to introduce the student to basic crown and fixed partial denture theory, principles, and techniques. In addition to the basic laboratory procedures, the lecture series includes clinical application of various procedures in preparation for the clinic experience. Standard types of tooth preparation for anterior, posterior and non-vital teeth are practiced. Study of physical properties of dental materials utilized in construction of fixed partial dentures is included. Emphasis is placed on the restoration of function and the prevention of both initiation and recurrence of dental disease.

OHR 863 Removable Partial Dentures Lecture -1.5 credit hours

This initial lecture series includes instruction in basic principles of removable partial denture design, diagnostic cast analysis, surveying, nomenclature and mouth preparation.

OHR 864 Removable Partial Dentures Laboratory-2.5 credit hours

Seminars and laboratory supervision are offered so the student will learn how to apply those principles and techniques presented concurrently in the lecture series. Laboratory projects are assigned to prepare the student to make diagnostic impressions, construct custom trays, fabricate record bases and occlusion rims, and mount a case for diagnosis. Casts of clinic patients are issued for survey and design activities. Critical thinking practical exams are given on these activities.

OHR 865 Preclinical Fixed Prosthodontics Lecture-1 credit hour**OHR 866 Preclinical Fixed Prosthodontics Lab-4 credit hours**

Designed to introduce the student to basic crown and fixed partial denture theory, principles, and techniques. In addition to the basic laboratory procedures, the lecture series includes clinical application of various procedures in preparation for the clinic experience. Standard types of tooth preparation for anterior, posterior and non-vital teeth are practiced. Study of physical properties of dental materials utilized in construction of fixed partial dentures is included. Emphasis is placed on the restoration of function and the prevention of both initiation and recurrence of dental disease.

OHR 867 Preclinical Complete Dentures 1 Lecture- 1 credit hour

The course provides instruction regarding complete denture prosthodontic procedures and is designed to inform the student of the concepts and the “how to” of procedures as related to the fabrication of the complete dentures. Concepts of complete dentures are reviewed and applied to the fabrication of complete dentures on patients in the clinics.

OHR 868 Preclinical Complete Dentures 1 Lab- 1.5 credit hours

Introduction to the laboratory and clinical aspects of complete denture procedures are taught.

The laboratory course will apply the concepts taught in lecture (OHR 867) and is designed to teach the student the techniques used in the fabrication of complete dentures. The students will learn the laboratory techniques involved in the construction of maxillary and mandibular complete dentures on an edentulous dentoforn patient.

OHR 869 Removable Partial Dentures II-1 credit hour

This removable partial dentures lecture series is correlated with the D3 clinical experience. Basic removable partial denture procedures related to the clinical treatment of patients are discussed, as well as variations and advanced techniques. Diagnosis and treatment planning for removable partial dentures is emphasized.

OHR 870 Introduction to Implant Dentistry-1 credit hour

This course introduces the dental student to current concepts in the surgical and restorative aspects of implant dentistry. The student will become familiar with various aspects of the discipline, including a basic history of implants in dentistry, implant and restoration types, components and terminology, diagnosis and treatment planning.

OHR 881 Implant Dentistry-1 credit hour

This course introduces the dental student to current concepts in the surgical and restorative aspects of implant dentistry. The student will become familiar with various aspects of the discipline, including a basic history of implants in dentistry, implant and restoration types, components and terminology, diagnosis and treatment planning, surgical placement and adjunctive surgeries, restoration, maintenance, and complications of dental implant therapy.

OHR 885 Clinical Complete Denture I Lecture-2 credit hours

The course provides instruction regarding complete denture prosthodontic procedures and is designed to inform the student of the concepts and the “how to” of procedures as related to the fabrication of the complete dentures in a clinical setting. Concepts of complete dentures are reviewed during weekly lectures and applied to the fabrication of complete dentures on patients in the clinics.

OHR 886 Clinical Complete Dentures II Experience-2 credit hours**OHR 891 Clinical Complete Dentures IV Experience-2 credit hours**

The course provides clinical instruction regarding complete denture prosthodontic procedures and is designed to inform the student of the concepts and the “how to” of procedures as related to the fabrication of the complete dentures in a clinical setting. Concepts of complete dentures are reviewed and applied to the fabrication of complete dentures on patients in the clinics.

OHR 888 D3 Clinical Fixed Prosthodontics-2 credit hours**OHR 895 D4 Clinical Fixed Prosthodontics -7 credit hours**

Experiences in Clinical Fixed Prosthodontics during the D3 and D4 year enable the student to apply the knowledge and skills learned in the preclinical fixed prosthodontics courses to patient care. These experiences will be obtained in either the General Dentistry and Oral Medicine (GDOM) or Oral Health and Rehabilitation (OHR) student clinics, and may encompass all Fixed Prosthodontic options. Such options include esthetic and non-esthetic single crowns and fixed dental prosthesis fabricated from a variety of materials and using a variety of methods. All procedures will be completed with a patient-centered and ethical approach to treatment planning and delivery, with emphasis on timely treatment and sequencing, optimum function, and esthetics. As the student demonstrates improved skills and documents competency in performance of Fixed Prosthodontic procedures, more complicated treatments may be undertaken, inclusive of more advanced concepts and clinical options.

OHR 889 Advanced Concepts in Dentistry I-1credit hour

The course is comprised of a series of lectures designed to complement the clinical experiences a student acquires during the D3 and D4 years. The most current concepts in prosthetic dentistry are reviewed. The lectures and discussion periods prepare students for the clinical application of these ideas and concepts. In addition, information of new techniques and dental materials are presented to prepare the student for clinical practice. The format of the class will be lectures and slide presentations.

OHR 893 Clinical Removable Partial Dentures-3 credit hours

This course involves the combined third and fourth-year experiences in clinical removable partial dentures. Students are expected to successfully treat patients with a variety of removable partial denture needs during clinical time. Clinical sessions are offered so the student can apply and reinforce knowledge gained from the pre-clinical course and lectures presented during the third and fourth years.

OHR 897 Advanced Concepts in Dentistry II-1 credit hour

Part II is given in the spring term of the D4 year. This course is a continuation of Part I with the addition of preparation for the D4 clinical examination and State/Regional clinical board examinations. This course is comprised of a series of lectures designed to prepare the student for the ULSD D4, as well as SRTA/ADEX, WREB, and other regional Board Examinations. The format of the class will be lecture and slide presentation.

Department of Surgical and Hospital Dentistry**SUHD 802 Pain and Anxiety Control-3 credit hours**

Students acquire an understanding of pain and the principles of pain as related to the treatment of patients. Competency is gained in the techniques of pain control, especially those of local anesthesia. Evaluation of the physical/mental/emotional status of the patient and determination of the proper pain control technique and its correlation with patient status and treatment procedure are stressed.

SUHD 803 Oral Pathology-4 credit hours

This course introduces the student to diseases and conditions that affect the oral mucosa, maxillofacial complex and surrounding skin. The first part of the course is structured around mucosal and mucocutaneous disease. Part two consists of conditions that affect hard tissue (bone and teeth). Part three re-assembles the conditions clinically, rather than by chapters, enabling students to use their knowledge base in a differential diagnosis format to solve problems, direct management and make diagnoses. Also included in section 3 is the rationale for biopsy and other adjuncts in diagnosis. A 2-hour section on person abuse is also included.

SUHD 805 Principles of Oral Surgery I-1 credit hour

This course initially introduces the D3 dental student to the principles of basic and advanced cardiopulmonary resuscitation and specifically deals with emergencies in the dental office. The diagnosis and treatment of odontogenic infections, along with laboratory diagnosis and biopsy technique are discussed. Simple exodontias, complicated exodontias, and impactions are thoroughly reviewed. Cysts of the jaws, their diagnosis and treatment, soft tissue and bony tumors of the oral cavity are reviewed. The discussion of the management of acute postoperative pain enables the student to more intelligently deal with the problem. Dental implantology is introduced.

SUHD 806 Principles of Oral Surgery II-1 credit hour

This course is designed to give the D3 dental student a basic understanding of the specialty of oral and maxillofacial surgery; the process of diagnosis, surgical and adjunctive management of diseases, deformities and malformations of the mouth and jaws and associated structures. The material presented will help the student acquire: an understanding of the specialty of oral and maxillofacial surgery; fundamentals in diagnosis and treatment of facial injuries; an awareness of the proper techniques in preparing a mouth for prostheses as well as what surgery has to offer the edentulous cripple; fundamental knowledge of the functional disorders affecting the temporomandibular joints and muscles of mastication; knowledge of surgical diseases of the salivary glands; awareness of these various dentofacial deformities and what surgical therapy has to offer; an understanding of the basic management of oral tumors and a knowledge of basic disorders of the maxillary sinus. The student is expected to gain an awareness of surgical disorders and modern surgical therapy so that as a practitioner he/she recognizes surgical problems in his/her patients, initiates appropriate therapy and/or makes intelligent referrals.

SUHD 807 Clinical Oral Surgery I-4 credit hours

This course provides a clinical learning experience, culminating the didactic theory and techniques of exodontia and minor oral surgery for D3 dental students.

SUHD 808 Clinical Oral Surgery II-2 credit hours

This course provides a clinical learning experience culminating the didactic theory and techniques of minor and major oral and maxillofacial surgery for D4 dental students.

SUHD 811 General Medicine in Dentistry-1 credit hour

This course introduces the D4 dental student to general medicine concepts and their application to dentistry. The body will be broken down into the major organ systems, with discussion on their pathophysiology and how it affects dental care. There will be heavy clinical basis and clinical application of basic science principles.

SUHD 813 Oral Radiology I-2 credit hours

This didactic course in Oral and Maxillofacial Radiology provides the student with the fundamental principles for the safe and effective use of radiation for diagnostic imaging in Dentistry. Students will be introduced to concepts in five domains: Radiation Physics, Radiation Biology, Dental Imaging Modalities, Imaging Selection Criteria, Digital Imaging and Picture Archiving and Communications (PACS) software use. The course will provide opportunities for critical thinking by applying knowledge and concepts to real-life clinical situations. Students will develop skills to help them solve scenarios that require the integration of multiple contexts when applying patient care.

SUHD 814 Oral Radiology II-1credit hour

A laboratory activity culmination in clinical experience in radiographic technique and radiologic interpretation of the dental structures. Initial basic laboratories investigate geometric imaging theory, radiographic density and contrast and radiograph quality assurance. Technical proficiency in basic radiography is developed working on manikins. Under direct supervision these skills are adapted to the clinical situation. This laboratory/clinic must be completed prior to enrollment in Clinical oral Radiology.

SUHD 815 Clinical Oral Radiology-1 credit hour

Perfection of radiologic technical skills through supervised clinical practice in managing patients with varied oral and dental conditions. The student develops independent judgment through written interpretation of full mouth and other necessary radiographs to assist in diagnosis and treatment planning.

SUHD 816 Advanced Radiologic Interpretation-1 credit hour

Advanced radiologic interpretation covering diseases of the head and neck. Comparisons are made between different radiographic techniques and imaging modalities. Quality assurance in the dental office is addressed.

SUHD 817 Cariology-0.5 credit hour

The course focuses on the study of the epidemiology and etiology of dental decay. Emphasis is placed on the mechanisms involved in the disease process and in the prevention of the disease.

SUHD 821 General Pathology- 5 credit hours

This course is designed to prepare the dentist in the essential role of doctor and specialist of the oral cavity; i.e., one who recognizes, diagnoses and treats oral disease and systemic diseases which affect the oral cavity. Pathology deals with the alternations in anatomy, histology, physiology and biochemistry encountered in disease. It also includes etiology (cause), pathogenesis (mechanism of disease development, pathophysiology (how alterations of diseased tissue affect body functions), clinical features (signs and symptoms), diagnosis, course and outcome (prognosis of disease).

SUHD 823 Oral Pathology Selective- 1 credit hour

Following a rigorous oral pathology course spring semester of the DMD 3rd year, it has been noted that students often forget a large portion of the information that is critical to diagnosis of oral disease. Also, even when the information is retained, upon being presented with a random oral disease in one of their patients, students often struggle to accurately describe visible lesions, ask detailed and appropriate questions and develop a reasonable differential diagnosis that leads to appropriate management or referral to a specialist. In short, they can tell you some facts about various diseases but they struggle to use that information in a real-life situation. As the students have already had a detailed review of oral disease, this

elective will focus on the more common, clinically distinguishable and potentially serious oral diseases. A case-based, highly interactive format will be used to help students apply the knowledge they have gained and to hone their reasoning and diagnostic skills. This will lead to greater student confidence and better patient care. Through case-based, interactive, group presentations and discussions students will apply detailed knowledge acquired in DMD 3rd year oral pathology to hone their reasoning and diagnostic skills of common and serious oral diseases.

Interdisciplinary Studies

IDSC 851 Post Dental Studies- 0-10 credit hours

IDSC 860 Interdisciplinary Service Learning- 3 credit hours

IDSC 865 Clinical Studies- 0-10 credit hours

IDSC 871 Faculty Advanced Standing- 0 credit hours

IDSC 873 Dental Fellow/Scholar- 0 credit hours

Graduate Oral Biology Program Courses

Biological Sciences courses are taught by faculty of the Department of Oral Immunology and Infectious Diseases. These courses are designed primarily for graduate students and other advanced level programs.

OIID 501 Biomedical Data Analysis: Experimental Design and Statistics-3 credit hours

This course is designed for graduate and professional students in health sciences who require a working knowledge of the experimental design and statistical methods most often utilized in the biomedical sciences. The focus is upon the initial evaluation of scientific literature, the formulation of research protocols, and the interpretation of data. Special attention is given to those areas of data interpretation most common in the health sciences. Fall semesters.

OIID 600 Concepts in Oral Immunology-2 credit hours

Prerequisite: Students should have previously taken a basic immunology course or consent of course director.

This course is to provide an overall understanding of the immunological components within the oral cavity and how these components are involved in oral immunity. Special emphasis will be placed on the interplay between the innate and adaptive immune system and how these components of the immune system are associated with health and disease. Students will be able to characterize and define the immunological processes that occur within the oral cavity, the cellular and molecular processes regulating gingival inflammation and alveolar bone loss, and how these processes impart immunity and/or susceptibility to disease.

OIID 601 Introduction to Oral Biology Research-2 credit hours

Prerequisite: Acceptance to an Oral Biology degree program or consent of course director

Introduction to modern research methodology in oral biology. Designed to acquaint the student with a broad spectrum of experimental techniques and concepts which will help prepare for successful design of a research project. Major emphasis is placed on research design, research methodology, critical evaluation of basic research literature, and scientific writing.

OIID 604 Oral Microbiology-3 credit hours

Prerequisite: Acceptance to the DMD program.

The main objective of Oral Microbiology is to provide students with a basic understanding of the dental biofilm, the microbiology of common oral diseases and the virulence mechanisms of bacterial, viral and fungal pathogens that are associated with these diseases. The students will also be exposed to current topics in oral microbiology such as the link between oral health and systemic illnesses, the effect of the use of tobacco products on oral disease, and research efforts to develop new therapeutic approaches to treat and prevent oral diseases.

OIID 605 Oral Health Seminars- 0.5 credit hours

Prerequisite: Acceptance to the MSOB program or consent of the course director.

The seminars comprise biomedical research seminars describing basic and clinical research by internal and external faculty and postdoctoral research associates. Students will learn about the breadth of faculty biomedical research, providing context for their own research. The seminars are at least monthly, and the course is continuous through the fall and spring semesters. OIID 605 is a required course for most students in the Masters in Oral Biology (MSOB) program. Students must enroll in both fall and spring semesters to receive full credit.

OIID 606 Oral Biology Seminars and Communication-2 credit hours

Prerequisite: Acceptance to the MSOB, PhD, or DMD program or consent of the course director.

This course is provided to MS and PhD students, and to dental residents. The goal of this course is for students to develop their research plan and to become familiar with presenting and defending research findings in a scientific setting. The students will: prepare a scientific abstract in the style of the Journal of the American Dental Association; give a 15 minute seminar describing their research project; answer questions on their talk; and contribute to discussions and feedback on the research of classmates.

OIID 610 Advanced Topics in Oral Biology-1-4 credit hours

Prerequisite: OBIO 601 or consent of the Graduate Program Director.

This course allows graduate credit to be obtained for guided readings or other specialized studies needed to enhance the student's understanding of their thesis research project. This course can be used for a student to read and discuss a series of advanced publications with a faculty guide other than their primary mentor, in order to build expertise in a specialized area relevant to their research project. Guided readings with a Thesis Committee faculty (other than the mentor) can be particularly important for an interdisciplinary project. This course is intended for specialized in depth studies beyond what is appropriate in a classroom setting. The faculty and student must obtain approval from the Graduate Program Director for this course prior to registering. The faculty guide should send an email to the Graduate Director at the beginning of the semester describing the goals and expected effort and number of credits.

OBIO 611 Craniofacial Osteology –1-3 credit hours

Prerequisites: OPSC 801 and OPSC 805 or equivalents.

This course explores the hard tissue inter-relationships of the craniofacial complex. It includes the mechanical properties, origins and maturation of facial bones. The course complements the cephalometric course and is designed to link clinical applications to anatomic locations.

OBIO 612 Craniomaxillofacial Diagnostic Imaging-2-4 credit hours

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor

The objectives of this course are to prepare the student to comprehend principles of safety, quality assurance, selection criteria and interpretation for current diagnostic imaging modalities of interest to be health care provider treating the craniomaxillofacial complex.

OBIO 613 Diagnosis and Treatment of Temporomandibular Disorders & Maxillofacial Pain-1 credit hour

Prerequisites: One of the following: 1) A DDS or DMD degree, or its foreign equivalent; 2) consent of the instructor.

This course will present the basic concepts of temporomandibular disorders. Emphasis is on etiology, examination, recognition, diagnosis and treatment of facial pain/TMJ disorders and occlusal abnormalities.

OBIO 614 Advanced Oral Diagnosis/Oral Medicine-1 credit hour

Prerequisites: One of the following: 1) Admission to the MS oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor

This course will present to graduate students and/or dental professionals advanced topics on diagnostic methods and therapy relative to oral-maxillofacial and systemic diseases as well as the inter-relationships between oral and systemic disease.

OBIO 615 Advanced Clinical Pharmacology-1 credit hour

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor.

This course will present to graduate students and/or dental professionals advanced topics in clinical pharmacology with specific emphasis on antibiotics, analgesics, local anesthetics, anxiolytic, antifungal and antiviral drugs.

OBIO 616 Overview of Medical Genetics in Oro-facial Disease-1.5 credit hours

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor.

This course will familiarize the student with the medical genetic influence on development and growth, as well as dysmorphology and disease, of the human body. Risk factor, probabilities and clinical outcomes are emphasized.

OBIO 617 Advanced Oral Pathology-1 credit hour

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD degree or its foreign equivalent; 3) consent of the instructor.

This course will familiarize the student with the clinical and radiographic manifestations of diseases of the oral cavity and paraoral region. Also included will be the clinical differential diagnosis, oral lesions

and the etiology and histology of common oral lesions. Clinical evaluation and management of oral lesions will be discussed as well.

OIID 619 Graduate Research-1-8 credit hours

Prerequisite: Acceptance to a graduate degree program or consent of the course director.

This course allows graduate credit to be obtained for performing biomedical research. The student will perform research under the supervision of a primary mentor who is specifically named in the Thesis Committee Form that is required to be completed by all students during their first semester and signed by student, committee members and the Program Director. Research hours and duties are as defined by the mentor in conjunction with the student.

OIID 620 Thesis-1-7 credit hours

Prerequisite: Acceptance to the MSOB program or consent of the course director.

This course allows graduate credit to be obtained for writing and completing a research thesis based on the student's research project. The thesis must be written according to University of Louisville format regulations. Specifics are provided on the web site of the School of Interdisciplinary and Graduate studies (SIGS web page).

ASNB 675 Advanced Head & Neck Anatomy-2 credit hours

Prerequisites: One of the following: 1) Admission to the MS Oral Biology program; 2) a DDS, DMD or MD or DO degree or its foreign equivalent; 3) consent of the course director.

Advanced topics in the anatomic relations of the head and neck as applicable to the post-graduate health professional, with major emphasis on cadaver dissection.

OIID 800 Correlated Sciences-1 credit hour

Prerequisite: Acceptance to the DMD program.

OIID 800 is provided in the first semester of the DMD program. The diverse range of lectures in OIID 800 is intended to introduce the concept of the need to maintain holistic scientific expertise of the entire body and latest research when providing dental care. This course will introduce anatomical, histological, immunological, biochemical, microbiological, pharmacological and pathological research concepts that will, ultimately, lead to improvements in the examination, evaluation, diagnosis and / or treatment of dental patients. OIID800 will introduce the wide range of clinical, basic and translational research that currently takes place in the School of Dentistry and inform you as to how you can become actively involved.

OIID 804 DMD Research-2-8 credit hours

Prerequisite: Acceptance to the DMD program and to a research program.

OIID 804 gives credit to DMD students participating in a research program such as the ULSD Summer Research Program. Students should apply for a Summer Research Program during the spring semester, participate in research during the summer, and present at Research!Louisville in the fall semester. Applications are through the ULSD Associate Dean for Research + Enterprise. Students receive 2 credits for each semester doing research.

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Michael Metz, DMD, MSD, MS

General Dentistry and Oral Medicine

Richard Lamont, PhD

Oral Immunology and Infectious Diseases

Anibal Silveira, DDS

Orthodontic, Pediatric Dentistry and Special Care

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MSPH (University of Louisville)

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