

# DENTISTRY (DMD)

## Doctor of Medicine in Dentistry (DMD)

Unit: School of Dentistry (<https://louisville.edu/dentistry/>)

Program Website (<http://louisville.edu/dentistry/degrees/dmd/>)

## Program Information

University of Louisville School of Dentistry (ULSD) offers outstanding clinical education using state-of-the-art simulation and technology enhanced by continuous exposure to biomedical research. Students become partners in learning as they acquire the knowledge and skills needed to meet the challenges of today's dental profession. ULSD fosters an exemplary educational community that offers a nurturing and challenging intellectual climate, respect for the spectrum of diversity and a genuine understanding of the many facets that enrich a vibrant metropolitan research university.

### Degrees Offered:

Doctor of Medicine in Dentistry (DMD)

Dual Degrees:

DMD/PhD

DMD/MS in Oral Biology

DMD/MBA

To learn more: [louisville.edu/dentistry/degrees](http://louisville.edu/dentistry/degrees/) (<http://louisville.edu/dentistry/degrees/>).

The DMD program is accredited by the Commission on Dental Accreditation of the American Dental Association (<http://www.ada.org/en/coda/>).

View all School of Dentistry accreditation information (<http://louisville.edu/dentistry/degrees/hygiene/resolveuid/93ee69f4c82f4ab4b91ea9369296feda/>).

## Admission Policy

The Committee on Admissions selects students based on academic proficiency in pre-dental studies, performance on the Dental Admissions Test, recommendations, and nonacademic factors assessed in a personal interview.

### Mission of the Admissions Committee:

The University of Louisville School of Dentistry Admissions Committee shall identify, evaluate, and recommend applicants to the Dean who demonstrate the academic, cultural, social and personal abilities to become competent practitioners.

Applicants are evaluated on academic and nonacademic factors utilizing a holistic scoring model.

Dental students require both cognitive and technical skills to succeed in 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 precision in 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 arts education. Additional courses in business, mathematics, and communication skills have proven advantageous to our graduates.

## Academic Background

Applicants must have completed a minimum of 60 semester hours of college course work, including 38 hours of science courses. Applicants who attended an international institution must provide an officially evaluated transcript and must meet all requirements. The Admissions Committee reserves the right to modify admission requirements on a case-by-case basis.

Required courses:

- General Chemistry: 2 semesters with labs (8 credit hours minimum)
- Organic Chemistry: 2 semesters with labs (8 credit hours minimum)
- Physics: 1 semester (3 credit hours)
- Biochemistry: 1 semester (3 credit hours)
- Biology: 4 semesters (16 credit hours minimum)

Recommended Biology courses:

- Human Anatomy or Comparative Anatomy (strongly recommended)
- Histology
- Physiology
- Cellular Biology
- Microbiology
- Immunology
- Other upper-level biology courses

It is expected that all applicants will also 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, 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. Further information may be obtained by visiting the ADA website: <https://www.ada.org>.

## Application

The School of Dentistry participates in the American Association of Dental Schools Application Service (<https://www.adea.org/ApplicationServices/>) (AADSAS).

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.

The Admissions staff and the Admissions Committee strive to recruit, admit, and retain a class that seeks to fulfill the goal of achieving the educational benefits of diversity. Workforce demands of the local, state and national levels may be considered. All applicants

seriously considered for admission must participate in an 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 Application Service (AADSAS) are accepted from June 1 through December 31. The application deadline is December 31 of each year. Approximately 400-450 applicants are interviewed each year to fill a class. Classes in recent years have had 120 students.

Letters of acceptance are offered beginning December 15 in accordance with AADSAS policy. A non-refundable deposit 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 emailed to [dmdadms@louisville.edu](mailto:dmdadms@louisville.edu).

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.

## Application and Acceptance Timelines

Filing of formal application

- Earliest date: June 1
- Latest date: December 31
- Application fee: \$65.00

Notification of Acceptance

- Earliest date: December 15
- Latest date: Varies

Applicant Response to Acceptance

- If accepted between December 15 and January 31: 30 days
- If accepted between February 1 and May 15: 15 days
- If accepted after May 15: varies

**An advanced tuition fee holds a place in the class.** The deposit is non-refundable if applicant cancels acceptance.

## Additional Information

(Please click on each item below for more details)

- Technical Standards (<https://catalog.louisville.edu/professional/dental-bulletin/admission-dmd/technical-standards/>)
- Residency (<https://catalog.louisville.edu/professional/dental-bulletin/admission-dmd/residency/>)
- International DMD Applicants (<https://catalog.louisville.edu/professional/dental-bulletin/admission-dmd/international/>)
- International Advanced Standing (<https://catalog.louisville.edu/professional/dental-bulletin/admission-dmd/advanced-standing/>)
- Transfer Students (<https://catalog.louisville.edu/professional/dental-bulletin/admission-dmd/transfer/>)

### DMD Program Curriculum, 2025-2026

## First Year (D1)

Year 1		Hours
<b>Fall</b>		
BMSC 804	Integrated Biomedical Sciences I	9
BMSC 805	Integrated Biomedical Sciences II	12
CMPD 800	Dental Anatomy and Occlusion (Lecture)	2
CMPD 801	Dental Anatomy and Occlusion Lab	3
CMPD 850	Foundations of Behavioral Science in Dentistry I	1
CMPD 883	Evidence-Based Decision Making	0.5
CMPD 887	Professionalism & Ethics Fundamentals	1
DXOH 801	Infection Control	1
OIID 800	Correlated Sciences	1
<b>Hours</b>		<b>30.5</b>
<b>Spring</b>		
BMSC 807	Pharmacology and Dental Therapeutics	4
BMSC 809	Integrated Biomedical Sciences III	10
CMPD 810	Preclinical Operative Dentistry Lecture	2.5
CMPD 811	Preclinical Operative Dentistry (Lab)	3
CMPD 820	Introduction to Clinical Dentistry I <sup>1</sup>	2.5
CMPD 860	Introduction to Preventive Dentistry	1
CMPD 870	Growth and Development	1
DXOH 813	Oral Radiology I	2
DXOH 851	Periodontics I	1
<b>Hours</b>		<b>27</b>
<b>Minimum Total Hours</b>		<b>57.5</b>

<sup>1</sup> Multi-semester (Summer-Fall-Spring) course.

<sup>2</sup> Multi-semester (Fall-Spring) course.

<sup>3</sup> Multi-year course.

## Second Year (D2)

Year 2		Hours
<b>Summer</b>		
Summer Session (S1)		
BMSC 806	Microbiology and Immunology	4
DXOH 802	Pain and Anxiety Control	3
DXOH 814	Oral Radiology II	1
<b>Hours</b>		<b>8</b>
<b>Minimum Total Hours</b>		<b>8</b>

Year 2		Hours
<b>Fall</b>		
CMPD 802	Preclinical Occlusion and TMD	3
CMPD 845	Preclinical Complete Denture Lecture	1
CMPD 846	Preclinical Complete Denture Laboratory	1.5
CMPD 871	Pediatric Dentistry I	1
DXOH 804	General Pathology	5
DXOH 852	Periodontics II	1
RARD 861	Introduction to Indirect Restorations (Lecture)	2
RARD 862	Introduction to Indirect Restorations (Laboratory)	3
<b>Hours</b>		<b>17.5</b>
<b>Spring</b>		
CMPD 812	Preclinical Operative Dentistry II Lecture <sup>1</sup>	1.5
CMPD 821	Introduction to Clinical Dentistry II <sup>1</sup>	3
CMPD 830	Preclinical Treatment Planning <sup>1</sup>	5
CMPD 840	Removable Partial Dentures Lecture	1
CMPD 841	Removable Partial Dentures Laboratory	2.5
CMPD 851	Foundations of Behavioral Science in Dentistry II	1
CMPD 873	Preclinical Pediatrics (Lecture and Laboratory)	3

DXOH 803	Oral Pathology	4
DXOH 815	Clinical Oral Radiology <sup>1</sup>	1
DXOH 853	Periodontal Modular Learning	2
RARD 805	Principles and Techniques of Orthodontics	3
RARD 865	Preclinical Fixed Prosthodontics Lecture	1
RARD 866	Preclinical Fixed Prosthodontics Lab	4
RARD 870	Introduction to Implant Dentistry	1
<b>Hours</b>		<b>33</b>
<b>Minimum Total Hours</b>		<b>50.5</b>

<sup>1</sup> Multi-semester (Summer-Fall-Spring) course.

<sup>2</sup> Multi-semester (Fall-Spring) course.

<sup>3</sup> Multi-year course.

### Third Year (D3)

Year 3		
Summer		
		Hours
Summer Session (S2)		
DXOH 820	Endodontics I (Root Camp)	3
<b>Hours</b>		<b>3</b>
<b>Minimum Total Hours</b>		<b>3</b>

Year 3		
Fall		
		Hours
CMPD 813	Operative Dentistry III	0.5
CMPD 847	Complete Dentures I Lecture	1
CMPD 872	Pediatric Dentistry II	1
DXOH 835	Oral Medicine	3
DXOH 854	Periodontics III	1
OMFS 805	Principles of Oral Surgery I	1
RARD 871	Implant Dentistry	1
<b>Hours</b>		<b>8.5</b>

Spring		
		Hours
CMPD 814	Clinical Operative Dentistry I <sup>1</sup>	4.5
CMPD 831	Clinical Treatment Planning I <sup>1</sup>	3
CMPD 842	Clinical Removable Partial Dentures I <sup>1</sup>	1
CMPD 848	Clinical Complete Dentures I <sup>1</sup>	3
CMPD 854	Integrated Clinical Sciences I <sup>2</sup>	4
CMPD 861	Clinical Preventive Dentistry I <sup>1</sup>	3
CMPD 875	Care of the Pediatric Special Needs Patient	1
CMPD 876	Concepts in Special Patient Care	1
CMPD 882	Ethical Issues in Dentistry	1
CMPD 884	Practice Management I	1
DXOH 816	Advanced Radiologic Interpretation	1
DXOH 821	Endodontics II	1
DXOH 822	Clinical Endodontics I <sup>1</sup>	1
DXOH 830	Dental Clinical Pharmacology	2
DXOH 855	Clinical Periodontics I <sup>1</sup>	1
OMFS 806	Principles of Oral Surgery II	1
OMFS 807	Clinical Oral Surgery I <sup>1</sup>	4
RARD 820	Assessment, Diagnosis and Mgmt of Temporomandibular Disorders	1
RARD 867	Clinical Fixed Prosthodontics I <sup>1</sup>	2
<b>Hours</b>		<b>36.5</b>
<b>Minimum Total Hours</b>		<b>45</b>

Code	Title	Hours
<b>Third Year Elective</b>		
DXOH 856	Advanced Periodontics Elective	0.5

<sup>1</sup> Multi-semester (Summer-Fall-Spring) course.

<sup>2</sup> Multi-semester (Fall-Spring) course.

<sup>3</sup> Multi-year course.

### Fourth Year (D4)

Year 4		
Summer		
		Hours
Summer Session (S3)		
CMPD 886	National Board Review	2
<b>Hours</b>		<b>2</b>
<b>Minimum Total Hours</b>		<b>2</b>

Year 4		
Fall		
		Hours
CMPD 852	Clinical Behavioral Science in Dentistry	1
CMPD 880	Community Service <sup>3</sup>	0.5
CMPD 885	Practice Management II	3
OMFS 808	Clinical Oral Surgery II	2
OMFS 811	General Medicine in Dentistry	1
RARD 809	Clinical Orthodontics <sup>3</sup>	2
<b>Hours</b>		<b>9.5</b>

Spring		
		Hours
CMPD 815	Clinical Operative Dentistry II <sup>1</sup>	6
CMPD 832	Clinical Treatment Planning II <sup>1</sup>	2
CMPD 843	Clinical Removable Partial Dentures II <sup>1</sup>	2
CMPD 849	Clinical Complete Dentures II <sup>1</sup>	2
CMPD 855	Integrated Clinical Sciences II <sup>1</sup>	4
CMPD 862	Clinical Preventive Dentistry II <sup>1</sup>	2
CMPD 874	Clinical Pediatric Dentistry <sup>3</sup>	3
DXOH 823	Clinical Endodontics II <sup>1</sup>	2
DXOH 845	Clinical Diagnosis <sup>3</sup>	3
DXOH 857	Clinical Periodontics II <sup>1</sup>	2
RARD 821	Clinical Assessment, Diagnosis and Management of TMD Disorders <sup>3</sup>	1
RARD 868	Clinical Fixed Prosthodontics II <sup>1</sup>	3
<b>Hours</b>		<b>32</b>
<b>Minimum Total Hours</b>		<b>41.5</b>

Code	Title	Hours
<b>Fourth Year Elective</b>		
CMPD 803	Advanced Occlusion and Restorative Concepts (Fall and Spring)	1
CMPD 881	Clinical Extramural Experience (Summer and Fall)	2
CMPD 890	Principles of Digital Photography in Dentistry (Fall and Spring)	0.5
CMPD 899	Preclinical Student Teaching Experience (Fall and Spring)	2-4
DXOH 824	Advanced Endodontics (Spring)	1
DXOH 856	Advanced Periodontics Elective (Spring)	0.5
RARD 875	Advanced Prosthodontics Seminars (Summer)	0.5

<sup>1</sup> Multi-semester (Summer-Fall-Spring) course.

<sup>2</sup> Multi-semester (Fall-Spring) course.

<sup>3</sup> Multi-year course.

## Coursework by Category

### D1 Year Courses

Code	Title	Hours
<b>Biomedical Science Courses</b>		
BMSC 804	Integrated Biomedical Sciences I	9
BMSC 805	Integrated Biomedical Sciences II	12
BMSC 807	Pharmacology and Dental Therapeutics	4
BMSC 809	Integrated Biomedical Sciences III	10

Code	Title	Hours
<b>Oral Health Sciences Courses</b>		
CMPD 800	Dental Anatomy and Occlusion (Lecture)	2
CMPD 801	Dental Anatomy and Occlusion Lab	3
CMPD 810	Preclinical Operative Dentistry Lecture	2.5
CMPD 811	Preclinical Operative Dentistry (Lab)	3
CMPD 820	Introduction to Clinical Dentistry I	2.5
CMPD 840	Removable Partial Dentures Lecture	1
CMPD 850	Foundations of Behavioral Science in Dentistry I	1
CMPD 860	Introduction to Preventive Dentistry	1
CMPD 870	Growth and Development	1
CMPD 883	Evidence-Based Dentistry I	1
CMPD 887	Professionalism & Ethics Fundamentals	1
DXOH 801	Infection Control	1
DXOH 813	Oral Radiology I	2
DXOH 851	Periodontics I	1
OIID 800	Correlated Sciences	1

### D2 Year Courses

Code	Title	Hours
<b>Biomedical Science Courses</b>		
BMSC 806	Microbiology and Immunology	4

Code	Title	Hours
<b>Oral Health Sciences Courses</b>		
CMPD 802	Preclinical Occlusion and TMD	3
CMPD 812	Preclinical Operative Dentistry II Lecture	1.5
CMPD 821	Introduction to Clinical Dentistry II	3
CMPD 830	Preclinical Treatment Planning	5
CMPD 840	Removable Partial Dentures Lecture	1
CMPD 841	Removable Partial Dentures Laboratory	2.5
CMPD 845	Preclinical Complete Denture Lecture	1
CMPD 846	Preclinical Complete Denture Laboratory	1.5
CMPD 851	Foundations of Behavioral Science in Dentistry II	1
CMPD 871	Pediatric Dentistry I	1
CMPD 873	Preclinical Pediatrics (Lecture and Laboratory)	3
DXOH 802	Pain and Anxiety Control	3
DXOH 803	Oral Pathology	4
DXOH 804	General Pathology	5
DXOH 814	Oral Radiology II	1

DXOH 815	Clinical Oral Radiology	1
DXOH 852	Periodontics II	1
DXOH 853	Periodontal Modular Learning	2
RARD 805	Principles and Techniques of Orthodontics	3
RARD 861	Introduction to Indirect Restorations (Lecture)	2
RARD 862	Introduction to Indirect Restorations (Laboratory)	3
RARD 865	Preclinical Fixed Prosthodontics Lecture	1
RARD 866	Preclinical Fixed Prosthodontics Lab	4
RARD 870	Introduction to Implant Dentistry	1

### D3 Year Courses

Code	Title	Hours
<b>Oral Health Sciences Courses</b>		
CMPD 813	Evidence-Based Dentistry II	1
CMPD 814	Clinical Operative Dentistry I	4.5
CMPD 831	Clinical Treatment Planning I	3
CMPD 842	Clinical Removable Partial Dentures I <sup>1</sup>	3
CMPD 847	Complete Dentures I Lecture	1
CMPD 848	Clinical Complete Dentures I	3
CMPD 854	Integrated Clinical Sciences I	4
CMPD 861	Clinical Preventive Dentistry I <sup>1</sup>	1
CMPD 872	Pediatric Dentistry II	1
CMPD 874	Clinical Pediatric Dentistry	3
CMPD 875	Care of the Pediatric Special Needs Patient	1
CMPD 876	Concepts in Special Patient Care	1
CMPD 882	Ethical Issues in Dentistry	1
CMPD 884	Practice Management I	1
DXOH 816	Advanced Radiologic Interpretation	1
DXOH 820	Endodontics I	3
DXOH 821	Endodontics II	1
DXOH 822	Clinical Endodontics I	1
DXOH 830	Dental Clinical Pharmacology	2
DXOH 835	Oral Medicine	3
DXOH 845	Clinical Diagnosis <sup>3</sup>	3
DXOH 854	Periodontics III	1
DXOH 855	Clinical Periodontics I <sup>1</sup>	1
DXOH 856	Advanced Periodontics Elective (selective)	0.5
OMFS 805	Principles of Oral Surgery I	1
OMFS 806	Principles of Oral Surgery II	1
OMFS 807	Clinical Oral Surgery I	4
RARD 809	Clinical Orthodontics <sup>3</sup>	2
RARD 820	Assessment, Diagnosis and Mgmt of Temporomandibular Disorders	1
RARD 821	Clinical Assessment, Diagnosis and Management of TMD Disorders	1
RARD 867	Clinical Fixed Prosthodontics I	2
RARD 871	Implant Dentistry	1

## D4 Year Courses

Code	Title	Hours
<b>Oral Health Sciences Courses</b>		
CMPD 803	Advanced Occlusion and Restorative Concepts (selective)	1
CMPD 815	Clinical Operative Dentistry II	6
CMPD 832	Clinical Treatment Planning II <sup>1</sup>	2
CMPD 843	Clinical Removable Partial Dentures II	2
CMPD 849	Clinical Complete Dentures II <sup>1</sup>	2
CMPD 855	Integrated Clinical Sciences II <sup>1</sup>	4
CMPD 862	Clinical Preventive Dentistry II	2
CMPD 874	Clinical Pediatric Dentistry <sup>3</sup>	3
CMPD 880	Community Service <sup>3</sup>	0.5
CMPD 881	Clinical Extramural Experience <sup>3</sup>	2
CMPD 885	Practice Management II	3
CMPD 886	National Board Review	2
CMPD 890	Principles of Digital Photography in Dentistry (selective)	0.5
CMPD 899	Preclinical Student Teaching Experience (selective)	2-4
DXOH 823	Clinical Endodontics II <sup>1</sup>	2
DXOH 824	Advanced Endodontics (Elective)	1
DXOH 845	Clinical Diagnosis <sup>3</sup>	3
DXOH 856	Advanced Periodontics Elective (selective)	0.5
DXOH 857	Clinical Periodontics II	2
OMFS 808	Clinical Oral Surgery II	2
OMFS 811	General Medicine in Dentistry	1
RARD 809	Clinical Orthodontics <sup>3</sup>	2
RARD 821	Clinical Assessment, Diagnosis and Management of TMD Disorders	1
RARD 868	Clinical Fixed Prosthodontics II <sup>1</sup>	3

The Doctor of Medicine in Dentistry (DMD) program prepares students to meet the requirements for state licensure. If you plan to pursue professional licensure, first determine the state's criteria for examination and licensure to better understand how UofL's program meets those requirements. You should contact the state licensing board directly to verify requirements have not changed and determine if there are additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/about/departments/academic-planning-accountability/disclosures/professional-licensure> (<https://louisville.edu/about/departments/academic-planning-accountability/disclosures/professional-licensure/>).