

# DENTISTRY (DMD)

## Doctor of Medicine in Dentistry (DMD)

Unit: School of Dentistry (<https://louisville.edu/dentistry/>)  
Program Website (<http://louisville.edu/dentistry/degrees/dmd/>)  
Academic Plan Code(s): DE\_ \_DMD

## Program Information

University of Louisville School of Dentistry (ULSD) offers outstanding clinical education using state-of-the-art simulation and technology. Exposure to biomedical research enhances the dental education experience. ULSD considers students partners in learning and seeks to provide students with the knowledge and skills needed to meet the challenges of today's dental profession. ULSD strives to foster and sustain an exemplary educational community that offers a nurturing and challenging intellectual climate, a respect for the spectrum of human diversity and a genuine understanding of the many differences 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/>).

## DMD Program Curriculum, 2020-2021

### First Year (D1)

Course	Title	Hours
<b>Year 1</b>		
<b>Fall</b>		
BMSC 805: Integrated Biomedical Sciences by Body System (Integrated Biomedical Sciences)		6
BMSC 802: Histology		5
CMPD 800	Dental Anatomy and Occlusion (Lecture)	2
CMPD 801	Dental Anatomy and Occlusion Lab	3
CMPD 860	Introduction to Preventive Dentistry	1
DXOH 801	Infection Control	1
CMPD 883	Evidence-Based Decision Making	0.5
OIID 800	Correlated Sciences	1
Hours		19.5
<b>Spring</b>		
BMSC 809	Survey of Dental Gross and Neuroanatomy	7
BMSC 807	Pharmacology and Dental Therapeutics	4
BMSC 804: Biochemistry		
CMPD 810	Preclinical Operative Dentistry Lecture	2.5
CMPD 811	Preclinical Operative Dentistry (Lab)	3
CMPD 820	Introduction to Clinical Dentistry I <sup>2</sup>	2.5
CMPD 870	Growth and Development	1

DXOH 851	Periodontics I	1
DXOH 813	Oral Radiology I	2
Hours		28
Minimum Total Hours		47.5

- 1 Multi-semester (Summer-Fall-Spring) course.
- 2 Multi-semester (Fall-Spring) course.
- 3 Multi-year course.

### Second Year (D2)

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

Course	Title	Hours
<b>Year 2</b>		
<b>Fall</b>		
DXOH 804	General Pathology	5
CMPD 802	Preclinical Occlusion and TMD	3
DXOH 852	Periodontics II	1
RARD 861	Introduction to Indirect Restorations (Lecture)	2
RARD 862	Introduction to Indirect Restorations (Laboratory)	3
CMPD 845	Preclinical Complete Denture Lecture	1
CMPD 846	Preclinical Complete Denture Laboratory	1.5
CMPD 871	Pediatric Dentistry I	1
Hours		17.5

<b>Spring</b>		
DXOH 803	Oral Pathology	4
CMPD 821	Introduction to Clinical Dentistry II <sup>1</sup>	3
CMPD 812	Preclinical Operative Dentistry II <sup>2</sup>	4
CMPD 830	Preclinical Treatment Planning <sup>2</sup>	5
DXOH 815	Clinical Oral Radiology <sup>2</sup>	1
DXOH 853	Periodontal Modular Learning	2
CMPD 840	Removable Partial Dentures Lecture	1
CMPD 841	Removable Partial Dentures Lab	2.5
RARD 865	Preclinical Fixed Prosthodontics Lecture	1
RARD 866	Preclinical Fixed Prosthodontics Lab	4
RARD 870	Introduction to Implant Dentistry	1
RARD 805	Principles and Techniques of Orthodontics	3
CMPD 873	Preclinical Pediatrics (Lecture and Laboratory)	3
Hours		34.5
Minimum Total Hours		52

- 1 Multi-semester (Summer-Fall-Spring) course.
- 2 Multi-semester (Fall-Spring) course.
- 3 Multi-year course.

### Third Year (D3)

Course	Title	Hours
<b>Year 3</b>		
<b>Summer</b>		
Summer Session (S2)		

DXOH 820	Endodontics I (Root Camp)	3
	Hours	3
	Minimum Total Hours	3

**Course Title Hours**

**Year 3**

**Fall**

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

**Spring**

DXOH 821	Endodontics II	1
DXOH 822	Clinical Endodontics I <sup>1</sup>	1
CMPD 848	Clinical Complete Dentures I <sup>1</sup>	3
DXOH 830	Dental Clinical Pharmacology	2
CMPD 884	Practice Management I	1
CMPD 831	Clinical Treatment Planning I <sup>1</sup>	3
CMPD 886	National Board Review	1
CMPD 882	Ethical Issues in Dentistry	1
CMPD 875	Care of the Pediatric Special Needs Patient	1
CMPD 876	Concepts in Special Patient Care	1
OMFS 806	Principles of Oral Surgery II	1
OMFS 807	Clinical Oral Surgery I <sup>1</sup>	4
DXOH 816	Advanced Radiologic Interpretation	1
	Hours	21
	Minimum Total Hours	29.5

**Code Title Hours**

**Third Year Selectives**

DXOH 856	Advanced Periodontics Elective	0.5
IDSC 861	International Dental Exchange Scholarship Program (Fall)	2
IDSC 874	International Community Dental Service Project (Spring)	2

<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)**

**Course Title Hours**

**Year 4**

**Fall**

CMPD 885	Practice Management II	3
RARD 809	Clinical Orthodontics <sup>3</sup>	2
OMFS 808	Clinical Oral Surgery II	2
OMFS 811	General Medicine in Dentistry	1
	Hours	8

**Spring**

CMPD 880	Community Service <sup>3</sup>	0.5
CMPD 881	Clinical Extramural Experience <sup>3</sup>	4
CMPD 832	Clinical Treatment Planning II <sup>2</sup>	2
DXOH 845	Clinical Diagnosis <sup>3</sup>	3
CMPD 815	Clinical Operative Dentistry II <sup>1</sup>	6
CMPD 855	Integrated Clinical Sciences II <sup>1</sup>	4

DXOH 823	Clinical Endodontics II <sup>1</sup>	2
DXOH 855	Clinical Periodontics <sup>3</sup>	3

CMPD 861	Clinical Preventive Dentistry <sup>3</sup>	3
CMPD 849	Clinical Complete Dentures II <sup>1</sup>	2
CMPD 842	Clinical Removable Partial Dentures <sup>3</sup>	3
RARD 868	Clinical Fixed Prosthodontics <sup>3</sup>	5
CMPD 874	Clinical Pediatric Dentistry <sup>3</sup>	3
CMPD 856	Clinical Patient Care in Dentistry <sup>3</sup>	8
	Hours	48.5
	Minimum Total Hours	56.5

**Code Title Hours**

**Fourth Year Selective**

CMPD 890	Principles of Digital Photography in Dentistry (Fall and Spring)	1
CMPD 803	Advanced Occlusion and Restorative Concepts (Fall and Spring)	1
DXOH 856	Advanced Periodontics Elective (Spring)	0.5
DXOH 824	Advanced Endodontics (Spring)	1
CMPD 899	Preclinical Student Teaching Experience (Fall and Spring)	2-4
IDSC 861	International Dental Exchange Scholarship Program (May award)	2
IDSC 874	International Community Dental Service Project (Spring Break)	2

<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**

**Biomedical Science Courses**

BMSC 802: Histology	5
BMSC 804: Biochemistry	5
BMSC 805: Integrated Biomedical Sciences by Body System (Integrated Biomedical Sciences)	6
BMSC 809 Survey of Dental Gross and Neuroanatomy	7
BMSC 807 Pharmacology and Dental Therapeutics	4

**Code Title Hours**

**Oral Health Sciences Courses**

CMPD 800	Dental Anatomy and Occlusion (Lecture)	2
CMPD 801	Dental Anatomy and Occlusion Lab	3
DXOH 801	Infection Control	1
CMPD 883	Evidence-Based Decision Making	0.5
OIID 800	Correlated Sciences	1
CMPD 820	Introduction to Clinical Dentistry I	2.5
DXOH 813	Oral Radiology I	2
CMPD 810	Preclinical Operative Dentistry Lecture	2.5
CMPD 811	Preclinical Operative Dentistry (Lab)	3
CMPD 870	Growth and Development	1
CMPD 860	Introduction to Preventive Dentistry	1
DXOH 851	Periodontics I	1

## D2 Year Courses

Code	Title	Hours
<b>Biomedical Science Courses</b>		
BMSC 806	Microbiology and Immunology	4
<b>Oral Health Sciences Courses</b>		
DXOH 814	Oral Radiology II	1
DXOH 802	Pain and Anxiety Control	3
CMPD 821	Introduction to Clinical Dentistry II	3
DXOH 804	General Pathology	5
DXOH 803	Oral Pathology	4
CMPD 802	Preclinical Occlusion and TMD	3
DXOH 852	Periodontics II	1
RARD 861	Introduction to Indirect Restorations (Lecture)	2
RARD 862	Introduction to Indirect Restorations (Laboratory)	3
CMPD 845	Preclinical Complete Denture Lecture	1
CMPD 846	Preclinical Complete Denture Laboratory	1.5
CMPD 871	Pediatric Dentistry I	1
CMPD 812	Preclinical Operative Dentistry II	4
CMPD 830	Preclinical Treatment Planning	5
DXOH 815	Clinical Oral Radiology	1
DXOH 853	Periodontal Modular Learning	2
CMPD 840	Removable Partial Dentures Lecture	1
CMPD 841	Removable Partial Dentures Lab	2.5
RARD 865	Preclinical Fixed Prosthodontics Lecture	1
RARD 866	Preclinical Fixed Prosthodontics Lab	4
RARD 870	Introduction to Implant Dentistry	1
RARD 805	Principles and Techniques of Orthodontics	3
CMPD 873	Preclinical Pediatrics (Lecture and Laboratory)	3

## D3 Year Courses

Code	Title	Hours
<b>Oral Health Sciences Courses</b>		
DXOH 820	Endodontics I	3
CMPD 854	Integrated Clinical Sciences I	4
CMPD 814	Clinical Operative Dentistry I	4.5
CMPD 813	Operative Dentistry III	0.5
DXOH 835	Oral Medicine	3
DXOH 854	Periodontics III	1
RARD 871	Implant Dentistry	1
CMPD 847	Complete Dentures I Lecture	1
CMPD 872	Pediatric Dentistry II	1
OMFS 805	Principles of Oral Surgery I	1
CMPD 831	Clinical Treatment Planning I	3
DXOH 822	Clinical Endodontics I	1
CMPD 848	Clinical Complete Dentures I	3
OMFS 807	Clinical Oral Surgery I	4
DXOH 830	Dental Clinical Pharmacology	2
CMPD 884	Practice Management I	1
CMPD 886	National Board Review	1

CMPD 882	Ethical Issues in Dentistry	1
DXOH 821	Endodontics II	1
CMPD 876	Concepts in Special Patient Care	1
CMPD 875	Care of the Pediatric Special Needs Patient	1
OMFS 806	Principles of Oral Surgery II	1
DXOH 816	Advanced Radiologic Interpretation	1
DXOH 856	Advanced Periodontics Elective (selective)	0.5
RARD 809	Clinical Orthodontics	2
DXOH 845	Clinical Diagnosis	3
DXOH 855	Clinical Periodontics	3
CMPD 861	Clinical Preventive Dentistry	3
CMPD 842	Clinical Removable Partial Dentures	3
RARD 868	Clinical Fixed Prosthodontics	5
CMPD 874	Clinical Pediatric Dentistry	3
CMPD 856	Clinical Patient Care in Dentistry	8

## D4 Year Courses

Code	Title	Hours
<b>Oral Health Sciences Courses</b>		
CMPD 880	Community Service	0.5
CMPD 881	Clinical Extramural Experience	4
CMPD 855	Integrated Clinical Sciences II	4
CMPD 815	Clinical Operative Dentistry II	6
CMPD 885	Practice Management II	3
OMFS 808	Clinical Oral Surgery II	2
OMFS 811	General Medicine in Dentistry	1
RARD 809	Clinical Orthodontics	2
CMPD 832	Clinical Treatment Planning II	2
DXOH 823	Clinical Endodontics II	2
CMPD 849	Clinical Complete Dentures II	2
CMPD 890	Principles of Digital Photography in Dentistry (selective)	1
CMPD 899	Preclinical Student Teaching Experience (selective)	2-4
CMPD 803	Advanced Occlusion and Restorative Concepts (selective)	1
DXOH 856	Advanced Periodontics Elective (selective)	0.5
DXOH 824	Advanced Endodontics (selective)	1
DXOH 845	Clinical Diagnosis	3
DXOH 855	Clinical Periodontics	3
CMPD 861	Clinical Preventive Dentistry	3
CMPD 874	Clinical Pediatric Dentistry	3
RARD 868	Clinical Fixed Prosthodontics	5
CMPD 842	Clinical Removable Partial Dentures	3
CMPD 856	Clinical Patient Care in Dentistry	8

The Doctor of Medicine in Dentistry (DE DMD) program prepares students to meet the requirements for certification and/or licensure. If you plan to pursue professional licensure or certification you should first determine your state's criteria for examination and licensure to see how/if our program meets those requirements prior to enrollment. We recommend that you also contact your state's licensing board directly to verify that the requirements have not changed recently and to answer any questions especially those regarding additional requirements beyond the degree.

More information about certification or licensure is available at the following website: <https://louisville.edu/oapa/licensure-information> (<https://louisville.edu/oapa/licensure-information/>) (you may search by school or by the name of the program then click on 'View Details' to display the information).