

## Dental Schools with Math and/or Advanced Science Requirements for the 2015 Application Cycle

For nearly all U.S. dental schools, the minimum required science courses for admission include one year each with laboratory of general chemistry, organic chemistry, physics, and introductory biology. **This table lists dental schools that have additional science/math requirements.** All dental schools encourage applicants to take upper level courses in biology, especially biochemistry, genetics, and microbiology to prepare for dental studies.

The information in this table was compiled from the 2014 edition of the Official Guide to Dental Schools For Students Entering in Fall 2015 published by the American Dental Education Association ([www.adea.org](http://www.adea.org)). Only schools with specific requirements or **strong** recommends are listed in this table. *You should review the ADEA guide and individual dental school websites for additional course recommendations. Note some schools also require a minimum number of hours observing dentists.*

Dental School	Additional Required Courses	Job Shadowing/ # of hours
<b>Alabama</b>		
University of Alabama at Birmingham School of Dentistry		Required: # hours not specified
<b>Arizona</b>		
A.T. Still University Arizona School of Dentistry and Oral Health	1 semester Anatomy 1 semester Biochemistry 1 semester Physiology	Recommended: 20 hours
Midwestern University College of Dental Medicine - Arizona	1 semester Anatomy 1 semester Biochemistry 1 semester Microbiology 1 semester Physiology	Recommended: 100 hours
<b>California</b>		
Loma Linda University School of Dentistry	1 semester Biochemistry	Required: 50 hours
University of California, Los Angeles, School of Dentistry	1 semester Biochemistry	Recommended
University of California, San Francisco, School of Dentistry	1 semester Biochemistry 1 semester Psychology	Recommended
University of the Pacific Arthur A. Dugoni School of Dentistry		Required: 40 hours
University of Southern California Herman Ostrow School of Dentistry		Recommended: 10-20 hours

<b>California- continued</b>		
Western University of Health Sciences College of Dental Medicine		Required: 30 hours – dental-related work experience
<b>Colorado</b>		
University of Colorado School of Dentistry	1 semester Biochemistry 1 semester Microbiology	Recommended
<b>Connecticut</b>		
University of Connecticut School of Dental Medicine	1 semester Biochemistry	Required: 75 hours
<b>District of Columbia</b>		
Howard University College of Dentistry	1 semesters Anatomy 1 semester Biochemistry	Recommended: 100 hours
<b>Florida</b>		
Lake Erie College of Osteopathic Medicine School of Dental Medicine	1 semester Biochemistry	Recommended: 100 hours
Nova Southeastern University College of Dental Medicine	1 semester Biochemistry 1 semester Microbiology	Recommended
University of Florida College of Dentistry	1 semester Biochemistry 1 semester Microbiology 1 semester Molecular Biology/Genetics 1 semester General Psychology	Recommended
<b>Georgia</b>		
Georgia Regents University College of Dental Medicine	1 semester Biochemistry	Required – At least 200 hours is recommended
<b>Illinois</b>		
Midwestern University College of Dental Medicine - Illinois	1 semester of Anatomy 1 semester of Biochemistry 1 semester of Microbiology 1 semester of Physiology	Recommended
Southern Illinois University School of Dental Medicine	1 semester Biochemistry	Recommended: 30 hours
University of Illinois at Chicago College of Dentistry		Recommended: 100 hours

<b>Indiana</b> Indiana University School of Dentistry	1 semester of Anatomy with lab 1 semester Biochemistry 1 semester of Physiology 1 semester Introductory Psychology	Required: 40 hours – must shadow general practice dentists in private practice settings
<b>Iowa</b> University of Iowa College of Dentistry	1 semester Biochemistry 1 semester Mathematics	Recommended
<b>Kentucky</b> University of Kentucky College of Dentistry		Required: 20 hours
University of Louisville School of Dentistry		Recommended: 40 hours
<b>Louisiana</b> Louisiana State University School of Dentistry	1 semester Biochemistry 1 semester Microbiology	Required: Minimum 50 hours, Seventeen hours each at three different general dentists' offices
<b>Maine</b> University of New England College of Dental Medicine	1 semester Biochemistry 1 semester Microbiology 4 semesters Additional biology, chemistry, and/or physics courses	Required: 30 hours
<b>Maryland</b> University of Maryland School of Dentistry	1 semester Biochemistry	Recommended: 50 hours
<b>Massachusetts</b> Boston University Henry M. Goldman School of Dental Medicine	2 semesters Mathematics with Calculus	Recommended
Harvard School of Dental Medicine	1 semester Biochemistry 2 semesters Calculus	Recommended
Tufts University School of Dental Medicine	1 semester Biochemistry	Required: 75 hours; 40 hours with General Dentist

<b>Michigan</b>		
University of Detroit Mercy School of Dentistry	1 semester Biochemistry 1 semester Microbiology	Required: 60 hours within a general practice setting
University of Michigan School of Dentistry	1 semester Biochemistry 1 semester Microbiology 1 semester Psychology 1 semester Sociology	Required: 100 hours
<b>Minnesota</b>		
University of Minnesota School of Dentistry	1 semester Biochemistry	Required: 30 hours
<b>Mississippi</b>		
University of Mississippi School of Dentistry	One course in either Anatomy, Biochemistry, Microbiology	Recommended: 100 hours
<b>Missouri</b>		
Missouri School of Dentistry & Oral Health (ATSU)	1 semester Biochemistry 1 semester Physiology	Recommended: 75 hours
University of Missouri – Kansas City, School of Dentistry	1 semester Anatomy 1 semester Biochemistry 1 semester Cellular Biology 1 semester Physiology	Required: 100-120 hours Minimum of 5 office settings
<b>Nebraska</b>		
Creighton University School of Dentistry		Recommended: 40 hours
University of Nebraska Medical Center College of Dentistry		Required: 35 hours
<b>Nevada</b>		
University of Nevada, Las Vegas, School of Dental Medicine	1 semester Anatomy 1 semester Biochemistry	Required: # hours not specified
<b>New Jersey</b>		
Rutgers Biomedical and Health Sciences – Rutgers School of Dental Medicine		Required: 50 hours

<b>New York</b>		
Columbia University College of Dental Medicine	1 semester Biochemistry (starting Fall 2017) 2 semesters Mathematics	Recommended
New York University College of Dentistry		Required: 100 hours
Stony Brook University School of Dental Medicine	1 semester Biochemistry 2 semester Mathematics (1 semester of Calculus, 1 semester of Calculus 2 or Statistics)	Required: 60 hours
University at Buffalo School of Dental Medicine		Required: 100 hours
<b>North Carolina</b>		
East Carolina University School of Dentistry	2 semesters Mathematics	Recommended
University of North Carolina at Chapel Hill School of Dentistry	1 semester Anatomy 1 semester Biochemistry	Required: # hours not specified
<b>Ohio</b>		
Case Western Reserve University School of Dental Medicine		Recommended: 20 hours – at multiple dentists
The Ohio State University College of Dentistry	1 semester Anatomy (with Lab) 1 semester Biochemistry 1 semester Microbiology 1 semester Physiology	Required: 20 hours
<b>Oklahoma</b>		
University of Oklahoma College of Dentistry	1 semester Biochemistry	Required: 100 hours
<b>Oregon</b>		
Oregon Health & Science University School of Dentistry	1 semester Anatomy with lab 1 semester Biochemistry 1 semester Physiology with lab	Required: 50 hours 50% of the shadowing hours must be in a general practice

<b>Pennsylvania</b>		
University of Pennsylvania School of Dental Medicine	1 semester Biochemistry 1 semester Mathematics	Required: # hours not specified
University of Pittsburgh School of Dental Medicine	1 semester Biochemistry	Required: 50 hours
The Maurice H. Kornberg School of Dentistry, Temple University		Recommended
<b>Puerto Rico</b>		
University of Puerto Rico School of Dental Medicine	2 semesters Social Sciences 4 semesters Spanish	Recommended
<b>South Carolina</b>		
Medical University of South Carolina, James B. Edwards College of Dental Medicine		Recommended: 50 hours
<b>Tennessee</b>		
Meharry Medical College School of Dentistry	1 semester Biochemistry 1 semester Calculus/statistics	Recommended: 50 hours
University of Tennessee Health Science Center College of Dentistry	1 semester Biochemistry 1 semester Histology, 1 semester Microbiology	Required: 50 hours under a general dentist
<b>Texas</b>		
The Texas A&M University System Health Science Center - Baylor College of Dentistry	1 semester Biochemistry 1 semester Statistics	Required: 75 hours with a general dentist
The University of Texas School of Dentistry at Houston	1 semester Biochemistry 1 semester Microbiology 1 semester Statistics	Required: # hours not specified
University of Texas Health Science Center at San Antonio Dental School	1 semester Biochemistry 1 semester Statistics	
<b>Utah</b>		
Roseman University of Health Sciences College of Dental Medicine	1 semester Biochemistry	Recommended

University of Utah School of Dentistry	1 semester Biochemistry 1 semester Microbiology 1 semester Physiology	Required: 40 hours
<b>Virginia</b>		
Virginia Commonwealth University School of Dentistry	1 semester Biochemistry	Recommended: 150 hours
<b>Washington</b>		
University of Washington School of Dentistry	1 semester Biochemistry 1 semester Microbiology	Required: 100 hours minimum
<b>West Virginia</b>		
West Virginia University School of Dentistry	1 semester Anatomy (human or comparative) 1 semester Biochemistry	Required: 50 hours minimum
<b>Wisconsin</b>		
Marquette University School of Dentistry	1 semester Biochemistry	Recommended