

### Dental Schools with Math and/or Advanced Science Requirements for the 2010 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 2009 edition of the Official Guide to Dental Schools For Students Entering in Fall 2010 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.*

<b>Dental School</b>	<b>Additional Required Courses</b>	<b>Job Shadowing/ # of hours</b>
<b>Alabama</b>		
University of Alabama School of Dentistry	1 semester upper level Biology 2 semesters Mathematics (calculus recommended)	Required: # hours not specified
<b>Arizona</b>		
Arizona School of Dentistry and Oral Health	1 semester Biochemistry 1 semester Human Physiology	Recommended: 20 hours
Midwestern University College of Dental Medicine	1 semester Anatomy with lab 1 semester Microbiology with lab 1 semester Physiology 1 semester Biochemistry	Recommended: 100 hours
<b>California</b>		
Loma Linda University School of Dentistry	1 semester Biochemistry	Required: 20 hours
University of California, Los Angeles, School of Dentistry	1 semester Biochemistry 1 semester Introductory Psychology	Recommended
University of California, San Francisco, School of Dentistry	1 semester Biochemistry 1 semester Psychology	Recommended
University of the Pacific School of Dentistry	2 semesters upper level Biology (preferably 1 semester Anatomy included)	Required: 40 hours
University of Southern California School of Dentistry		Recommended
Western University of Health Sciences College of Dental Medicine		Required: 30 hours
<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		Required: 50 hours
<b>District of Columbia</b>		
Howard University College of Dentistry	2 semesters Human Anatomy	Recommended: 100 hours

<b>Florida</b>		
Nova Southeastern University	A choice of two of the following science courses: Biochemistry, Cell & Molecular Biology, Genetics, Histology, Human or Comparative Anatomy, Microbiology, or Physiology	Recommended
University of Florida College of Dentistry	1 semester Biochemistry 1 semester Microbiology 1 semester Molecular Bio/Genetics 1 semester General Psychology	Recommended
<b>Georgia</b>		
Medical College of Georgia School of Dentistry		Required: 30 hours
<b>Illinois</b>		
Southern Illinois University School of Dental Medicine		Recommended: 30 hours
University of Illinois at Chicago	High consideration given to applicants who take three of the following upper level science courses: Human anatomy, Human physiology, Histology, Microbiology, Biochemistry, or Cell biology	Recommended: 100 hours
<b>Indiana</b>		
Indiana University School of Dentistry	1 semester Human or Mammalian or Comparative Anatomy with lab 1 semester Human or Mammalian or Cell Physiology 1 semester Biochemistry 1 semester Introductory Psychology	Required: 40 hours
<b>Iowa</b>		
University of Iowa College of Dentistry		Recommended
<b>Kentucky</b>		
University of Kentucky College of Dentistry		Required: 20 hours
University of Louisville	2 semesters of upper level biology. Choose from the following courses: Comparative anatomy or upper level Human anatomy; Physiology; Cell biology; Biochemistry; Histology; Microbiology; Immunology	Recommended
<b>Louisiana</b>		
Louisiana State University School of Dentistry	1 semester upper level Biology	Required: # hours not specified
<b>Maryland</b>		
University of Maryland Baltimore College of Dental Surgery	1 semester Biochemistry	Recommended

<b>Massachusetts</b>		
Boston University Goldman School of Dental Medicine	1 semester upper level Biology 2 semesters Mathematics with Calculus	Recommended
Harvard School of Dental Medicine	2 semesters Calculus	Recommended
Tufts University School of Dental Medicine	1 semester Biochemistry	Required: 30 hours
<b>Michigan</b>		
University of Detroit Mercy School of Dentistry		Required: # hours not specified
University of Michigan School of Dentistry	1 semester Biochemistry 1 semester Microbiology 1 semester Psychology 1 semester Sociology	Recommended
<b>Minnesota</b>		
University of Minnesota School of Dentistry	1 semester Biochemistry 1 semester Mathematics (College Algebra, Precalculus, Statistics, and Computer Science are acceptable) 1 semester Human Psychology	Required: 30 hours
<b>Mississippi</b>		
University of Mississippi School of Dentistry	2 semesters Advanced Biology or Chemistry 2 semesters Mathematics (College Algebra and Trigonometry or 1 semester of Calculus) 1 semester Statistics in addition to other math courses	Recommended:40 hours
<b>Missouri</b>		
University of Missouri – Kansas City, School of Dentistry	1 semester Anatomy 1 semester Cellular Biology with lab 1 semester Physiology with lab	Required: 100-120 hours
<b>Nebraska</b>		
Creighton University School of Dentistry		Recommended: 40 hours
University of Nebraska College of Dentistry		Required: 35 hours
<b>Nevada</b>		
University of Nevada, Las Vegas, School of Dental Medicine	1 semester Biochemistry	Required: # hours not specified
<b>New Jersey</b>		
University of Medicine and Dentistry of New Jersey		Recommended: 25 hours
<b>New York</b>		
Columbia University College of Dental Medicine		Recommended
New York University College of Dentistry		Required: 100 hours
Stony Brook University School of Dental Medicine	2 semester Mathematics (at least 1 semester of Calculus)	Required: # hours not specified

University of Buffalo School of Dental Medicine		Recommended: 50 hours
<b>North Carolina</b>		
University of North Carolina at Chapel Hill School of Dentistry	1 semester Anatomy with lab	Required: # hours not specified
<b>Ohio</b>		
Case School of Dental Medicine		Recommended: 20 hours
Ohio State University College of Dentistry	1 semester Human Anatomy (gross or comparative) 1 semester Biochemistry 1 semester Microbiology 1 semester Physiology	Required: 20 hours
<b>Oklahoma</b>		
University of Oklahoma College of Dentistry	1 semester Biochemistry 1 semester Psychology	Required: 100 hours
<b>Oregon</b>		
Oregon Health & Science University School of Dentistry	1 semester Human Anatomy with lab 1 semester Biochemistry 1 semester Physiology with lab	Required: 50 hours
<b>Pennsylvania</b>		
University of Pennsylvania School of Dental Medicine	1 semester Biochemistry 1 semester Mathematics (Calculus preferred)	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 Dentistry	2 semesters Social or Behavioral Science 4 semesters Spanish	Recommended
<b>South Carolina</b>		
Medical University of South Carolina, College of Dental Medicine	2 semesters advanced sciences (Suggested: Biochemistry, Microbiology, Genetics, or Anatomy) 2 semesters Mathematics	Recommended: 20 hours
<b>Tennessee</b>		
Meharry Medical College School of Dentistry		Recommended
University of Tennessee College of Dentistry	1 semester Biochemistry 1 semester of one of the following: Histology, Microbiology, or Comparative Anatomy	Required: 30 hours

<b>Texas</b>		
Baylor College of Dentistry (Texas A&M)	1 semester Biochemistry 1 semester of upper level Biology	Required: 16 hours
University of Texas Health Science Center at Houston Dental Branch	1 semester Biochemistry 2 semesters upper level Biology (in addition to Biochemistry)	Required: # hours not specified
University of Texas Health Science Center at San Antonio Dental School	2 semesters upper level Biology	Required: # hours not specified
<b>Virginia</b>		
Virginia Commonwealth University School of Dentistry	1 semester Biochemistry 1 semester Calculus or Statistics	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		Required: 50 hours minimum
<b>Wisconsin</b>		
Marquette University School of Dentistry		Recommended