

ADEA AADSAS® Participating Dental Schools Required and Recommended Courses

In this resource, health professions advisors can quickly and easily access dental school-specific information related to required and recommended coursework for prospective dental school applicants. Please note the following:

- > All programs **REQUIRE** the following courses: Biology, General/Inorganic Chemistry, Organic Chemistry, Physics, Biochemistry and English (see *exceptions in second bullet*).
- > Four schools - The University of Connecticut School of Dental Medicine, University of Louisville School of Dentistry, University of Southern California Herman Ostrow School of Dentistry, and University of Washington School of Dentistry - **do not** require or recommend English.
- > Most programs have lab requirements for required courses. Advisors and applicants are encouraged to check the websites of all programs for course-specific and additional prerequisite and recommended course information.
- > The additional information section contains information obtained from these sources: the 2017-2018 ADEA Official Guide, individual dental school websites and direct correspondence with dental school admissions staff. The information contained in this document is current as of January 2018.

LEGEND

GREEN Box with ✓ = RECOMMENDED WHITE Box with ✓ = REQUIRED

| ADEA AADSAS Participating Dental Schools Required and Recommended Courses | | | | | | | | | | | | | | Additional Information |
|--|--------------|-----------|------------|--------------|--------------------------------|------------|---------|-------------|----------|------------------------------|-----------------------------------|------------|-----------|---|
| Anatomy | Cell Biology | Histology | Immunology | Microbiology | Molecular Biology/ Genetics | Physiology | Zoology | Mathematics | Calculus | Statistics/ Biostatistics | Humanities/ Social Sciences | Psychology | Sociology | |
| Arizona School of Dentistry and Oral Health (AZ) | ✓ | | | | ✓ | | ✓ | | | | | | | Anatomy and Physiology requirements must be fulfilled by completing a Human Anatomy and a Human Physiology course. |
| Boston University Henry M Goldman School of Dental Medicine (BU) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | The 2017-2018 ADEA Official Guide states Economics and Business courses are RECOMMENDED. |
| Case Western Reserve University School of Dental Medicine (CASE) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| Columbia University College of Dental Medicine (CUL) | ✓ | ✓ | | | | | ✓ | | ✓ | | | | | |
| Creighton University School of Dentistry (CRE) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Dalhousie University Faculty of Dentistry (DAL) | | | | | ✓ | | ✓ | | | | ✓ | | | Physiology requirement must be fulfilled by completing a Vertebrate Physiology course. Applicants are REQUIRED to take either a Humanity or a Social Science course. |
| Dental College of Georgia at Augusta University (DCG) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | ✓ | | The 2017-2018 ADEA Official Guide states "Drafting/Pottery" is RECOMMENDED. |
| East Carolina University School of Dental Medicine (ECU) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | |
| Harvard School of Dental Medicine (HVD) | | ✓ | | | ✓ | | ✓ | | | ✓ | ✓ | | | Calculus I and Calculus II are REQUIRED. Statistics/Biostatistics requirement may be fulfilled by two semesters of calculus or one semester of statistics (preferably biostatistics). |
| Howard University College of Dentistry (HOW) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | Anatomy requirement must be fulfilled by completing a Human Anatomy course. It is HIGHLY RECOMMENDED that applicants complete 6 credit hours each in Microbiology and Physiology. |
| Indiana University School of Dentistry (IND)* | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | | |
| Lake Erie College of Osteopathic Medicine School of Dental Medicine (LECOM-FL) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | Anatomy, Cell Biology, Microbiology, and Physiology are denoted in the 2017-2018 ADEA Official Guide with (*) indicating "Strongly RECOMMENDED." |
| Loma Linda University School of Dentistry (LLU) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |

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| | Anatomy | Cell Biology | Histology | Immunology | Microbiology | Molecular Biology/ Genetics | Physiology | Zoology | Mathematics | Calculus | Statistics/ Biostatistics | Humanities/ Social Sciences | Psychology | Sociology | Additional Information |
| Louisiana State University School of Dentistry (LSU) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | |
| Marquette University School of Dentistry (MQT) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Medical University of South Carolina James B. Edwards College of Dental Medicine (MSC) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | Each science course requirement includes 2 hours of laboratory work. The Biology/Zoology requirement may be satisfied by taking 4 semester hours each in Zoology and Botany but not by Botany alone . Introductory college courses will satisfy the English and Math requirements. 8 semester hours of Science Electives (Microbiology, Biochemistry, Anatomy, Genetics, etc.) is REQUIRED. |
| Meharry Medical College School of Dentistry (MEH) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | |
| Midwestern University College of Dental Medicine-Arizona (MWU) | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | The 2017-2018 ADEA Official Guide states Lab REQUIRED for Anatomy. |
| Midwestern University College of Dental Medicine-Illinois (MWU-IL) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| Missouri School of Dentistry & Oral Health (MOSDOH) | ✓ | | | | ✓ | | ✓ | | | | | | | | Physiology requirement must be fulfilled by completing a Human Physiology course. |
| New York University College of Dentistry (NYU) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | | |
| Nova Southeastern University College of Dental Medicine (NSU) | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | | | | | | | Human Biological Science courses are RECOMMENDED. |
| Oregon Health & Science University School of Dentistry (OHSU) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | Anatomy and Physiology requirements can be fulfilled by completing a joint Anatomy & Physiology course; the 2017-2018 ADEA Official Guide states Lab REQUIRED. |
| Roseman University of Health Sciences College of Dental Medicine (USN) | ✓ | ✓ | | | | ✓ | ✓ | | | | ✓ | | | | Speech and Communication courses are REQUIRED. |
| Rutgers School of Dental Medicine (RSDM) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | The 2017-2018 ADEA Official Guide states Intensive Writing courses and a Sculpture/Art course are RECOMMENDED. |
| Southern Illinois University School of Dental Medicine (SIU) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | | | | |
| Stony Brook University School of Dental Medicine (SUSB) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | | The 2017-2018 ADEA Official Guide states Calculus 1 and "Calculus 2 or Statistics" is REQUIRED. |
| Texas A&M University College of Dentistry (TAMUCD) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | | | | RECOMMENDED: Minimum 90 credit hours completed, C or better for all prerequisite courses, a BS in Biology or Biomedical Science |
| The Maurice H. Kornberg School of Dentistry, Temple University (TEMP) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| The Ohio State University College of Dentistry (OSU) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | The 2017-2018 ADEA Official Guide states Lab REQUIRED for Anatomy. |
| The University of Colorado School of Dental Medicine (COL) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | |
| Touro College of Dental Medicine at New York Medical College (TCDM) | ✓ | ✓ | ✓ | | | ✓ | ✓ | | | | | | | | The 2017-2018 ADEA Official Guide states "Additional Biology, Chemistry, and/or Physics courses" are REQUIRED. |
| Tufts University School of Dental Medicine (TUF) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | | One semester, writing-intensive Humanities or Social Science course REQUIRED (may include History, English, Comparative Literature, Philosophy, Government, or Women's Studies). "Upper Level Biology" REQUIRED; however, the Lab portion is NOT REQUIRED unless it is a required part of the course at the university at which it is completed. |

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| University at Buffalo School of Dental Medicine (BUF) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | |
| University of Alabama at Birmingham School of Dentistry (ALA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | The 2017-2018 ADEA Official Guide states "Non-science courses" are REQUIRED. |
| University of California, Los Angeles School of Dentistry (UCLA) | ✓ | | ✓ | | ✓ | | ✓ | | | | | ✓ | | | |
| University of California, San Francisco School of Dentistry (UCSF) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | | The 2017-2018 ADEA Official Guide states "Human social science electives" and "Additional electives" are REQUIRED. |
| University of Connecticut School of Dental Medicine (CONN) | | ✓ | | | ✓ | ✓ | | | | | | | | | |
| University of Detroit Mercy School of Dentistry (UDM) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | The 2017-2018 ADEA Official Guide states Lab REQUIRED for Microbiology; Business, Communication, and Computer skills/Technology courses are all RECOMMENDED. |
| University of Florida College of Dentistry (FLA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | 2017-2018 ADEA Official Guide states Lab REQUIRED for Microbiology; Calculus is optional with Physics. |
| University of Illinois at Chicago College of Dentistry (ILL) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | Anatomy denoted in the 2017-2018 ADEA Official Guide with (*) indicating "Strongly recommended. Additional upper level science coursework is strongly preferred." |
| University of Iowa College of Dentistry (IOWA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| University of Kentucky College of Dentistry (UK) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | ✓ | | |
| University of Louisville School of Dentistry (UL) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| University of Maryland School of Dentistry (MYD) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| University of Michigan School of Dentistry (MICH) | ✓ | | ✓ | | ✓ | ✓ | ✓ | | | | | ✓ | ✓ | | |
| University of Minnesota School of Dentistry (MIN) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | | | Non-science course(s) REQUIRED. At least 3 credit hours of Psychology is REQUIRED. |

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|---|---------|--------------|-----------|------------|--------------|--------------------------------|------------|---------|-------------|----------|------------------------------|-----------------------------------|------------|-----------|--|
| <i>University of Mississippi Medical Center School of Dentistry (MISS)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | Anatomy and Microbiology are denoted in the 2017-2018 ADEA Official Guide with (*) indicating "One course in comparative anatomy, biochemistry, or microbiology is REQUIRED." Lab REQUIRED for Zoology. College Algebra <u>and</u> Trigonometry or higher level math course REQUIRED. General, business, <u>or</u> scientific statistics REQUIRED in addition to one-year mathematics requirement. |
| <i>University of Missouri Kansas City School of Dentistry (UMKC)</i> | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | | | | | | | The 2017-2018 ADEA Official Guide states Lab REQUIRED for Anatomy and Physiology. |
| <i>University of Nebraska Medical Center College of Dentistry (NEB)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | | | | |
| <i>University of Nevada, Las Vegas School of Dental Medicine (UNLV)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | Human Anatomy is preferred and denoted in the 2017-2018 ADEA Official Guide with (*) indicating "Anatomy and Physiology I and II may be substituted for Human Anatomy." |
| <i>University of New England College of Dental Medicine (UNE)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | The 2017-2018 ADEA Official Guide states "Additional Biology, Chemistry, and/or Physics courses" and Human Anatomy are REQUIRED; Lab REQUIRED for Anatomy and Microbiology; "Business, Communications, Computers, & Three-Dimensional Art courses" are RECOMMENDED. |
| <i>University of North Carolina at Chapel Hill School of Dentistry (UNC)</i> | ✓ | | ✓ | | ✓ | | ✓ | | | | | | | | Anatomy and Physiology requirements <u>must</u> be fulfilled by completing Human Anatomy and Physiology course(s) and lab(s). |
| <i>University of Oklahoma College of Dentistry (OKL)</i> | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | | |
| <i>University of Pennsylvania School of Dental Medicine (PENN)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| <i>University of Pittsburgh School of Dental Medicine (PITT)</i> | ✓ | ✓ | ✓ | | ✓ | | ✓ | | | | | | | | |
| <i>University of Puerto Rico School of Dental Medicine (UPR)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | | | The 2017-2018 ADEA Official Guides states Spanish is REQUIRED. |
| <i>University of Southern California Herman Ostrow School of Dentistry (USC)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | |
| <i>University of Tennessee Health Science Center College of Dentistry (UTHSC)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| <i>University of Texas Health Science Center at San Antonio Dental School (SAN)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | | | | |
| <i>University of Texas School of Dentistry at Houston (HOUS)</i> | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | | ✓ | | | | |
| <i>University of the Pacific Arthur A. Dugoni School of Dentistry (UOP)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | |
| <i>University of Utah School of Dentistry (UTAH)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | | The 2017-2018 ADEA Official Guide states "Additional Biology, Chemistry, and/or Physics courses; Business, Computers, 3-D Art, Communications, and Ethics courses" are all RECOMMENDED. |
| <i>University of Washington School of Dentistry (WASH)</i> | ✓ | | ✓ | | ✓ | | | | | | | | | | |
| <i>Virginia Commonwealth University School of Dentistry (VCU)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | | | | 3 credit hours of Math/Statistics is REQUIRED. |
| <i>West Virginia University School of Dentistry (WVA)</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | | The 2017-2018 ADEA Official Guide states Anatomy requirement must be fulfilled by completing Comparative or Human Anatomy courses. |
| <i>Western University of Health Sciences College of Dental Medicine (WESTU)</i> | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | ✓ | | | ✓ | | The 2017-2018 ADEA Official Guide states Conversational Spanish is RECOMMENDED. |

| Courses | Total Number of Schools that Require Each Course |
|----------------------------|---|
| Anatomy | 13 of the 67 participating schools require this course. |
| Calculus | 4 of the 67 participating schools require this course. |
| Cell Biology | 1 of the 67 participating schools requires this course. |
| Histology | 1 of the 67 participating schools requires this course. |
| Humanities/Social Sciences | 5 of the 67 participating schools require this course. |
| Immunology | None of the 67 participating schools require this course. |
| Mathematics | 10 of the 67 participating schools require this course. |
| Microbiology | 17 of the 67 participating schools require this course. |
| Molecular Biology/Genetics | None of the 67 participating schools require this course. |
| Physiology | 11 of the 67 participating schools require this course. |
| Psychology | 5 of the 67 participating schools require this course. |
| Sociology | 1 of the 67 participating schools requires this course. |
| Statistics/Biostatistics | 8 of the 67 participating schools require this course. |
| Zoology | 1 of the 67 participating schools requires this course. |