

# Dentistry

Earning a bachelor's degree prior to admission to dental school is highly recommended. There is no preferred major. Completing the courses listed below does not result in a bachelor's degree. Additionally, students must complete the courses required by the dental schools to which they plan to apply, score competitively on the Dental Admissions Test (DAT), shadow practicing dentists and show evidence of commitment to community service. Some types of leadership experience may be helpful. There are no dental schools in Kansas but most Kansas residents accepted to the University of Missouri-Kansas City (UMKC) School of Dentistry are eligible for in-state tuition.

*Requirements at individual dental schools vary. Students are responsible for knowing and completing the requirements of their major and those of the dental schools to which they plan to apply.*

## Prerequisite courses

Course #	Course Title	Hours
ENGL 100	Expository Writing I	3
ENGL 200	Expository Writing II	3
BIOL 198	Principles of Biology	4
BIOL 441	Human Body I	4
BIOL 442	Human Body II	4
OR		
KIN 360	Anatomy and Physiology	8
BIOL 450	Modern Genetics	4
BIOL 455	Microbiology	4
BIOL 541	Cell Biology	3
CHM 210	Chemistry I	4
CHM 230	Chemistry II	4
CHM 531	Organic Chemistry I	3
CHM 532	Organic Chemistry Lab	2
(taken after completing CHM 531)		
CHM 550	Organic Chemistry II	3
BIOCH 521	General Biochemistry	3
BIOCH 522	General Biochemistry Lab (optional)	3
PHYS 113	General Physics I	4
PHYS 114	General Physics II	4

## Recommended courses

Course #	Course Title	Hours
ART 103	Jewelry Design for Non-Majors	3
CLSCS 105	Medical Terminology	2
COMM 322	Interpersonal Communication	3
ECON 120	Principles of Microeconomics	3
HIST 534	Social History of Medicine	3
MANGT 420	Management Concepts	3
PHILO 365	Medical Ethics	3
PSYCH 110	General Psychology	3
SOCIO 211	Sociology	3
STAT 350	Business Statistics	3

## Other courses to consider

Course #	Course Title	Hours
ACCTG 231	Accounting/Business Operations	3
ACCTG 241	Accounting/Investing/Financing	3
FNDH 400	Human Nutrition	3
GERON 315	Gerontology	3
HMD 720	Admin. Health Care Org.	3
PSYCH 518	Health Psychology	3
THTRE 665	Drama Therapy/Special Pops.	3

## Reserved admission at UMKC

The Reserved Admission Program for the Doctor of Dental Surgery (DDS) degree at the UMKC School of Dentistry is available to highly motivated, ambitious, talented **Missouri and Kansas residents**. Admission to the UMKC School of Dentistry's DDS program is very competitive. Approximately 1,000 candidates apply every year for a limited number of seats. Successful applicants to the Reserved Admission Program will have a reserved seat in a future UMKC DDS Program class.

Reserved Admission Program students apply for admission directly to the School of Dentistry without going through the national computerized application service required of traditional DDS candidates.

## Eligibility requirements

1. Carry a minimum of 15-18 credit hours per semester.
2. Maintain a science GPA of at least 3.6 in a degree-seeking program and in all prerequisite courses.
3. Complete 4 consecutive semesters of college credit as a continuously enrolled, full-time student.
4. Apply in the summer following completion of 4<sup>th</sup> college semester.
5. Show strong understanding of dentistry through shadowing experiences and a commitment to service through volunteer activities.
6. Earn an Academic Average score of 19 or more on the DAT. Score must be available by July 1<sup>st</sup> the year prior to matriculation at dental school.

[http://dentistry.umkc.edu/future\\_students/reserved.shtml](http://dentistry.umkc.edu/future_students/reserved.shtml)

## NON-ACADEMIC COMPONENTS OF A SUCCESSFUL APPLICATION

Successful dental school applicants:

- Shadow practicing dentists in multiple settings. See your advisor for more information about how to start.
- Demonstrate a commitment to service through participation in volunteer activities. It is not necessary to limit volunteer service to health-related organizations.
- Often have leadership experience.

## Helpful Websites

### Dental Related:

**American Dental Association (ADA):** <http://www.ada.org/en/>  
**American Dental Education Association:** <http://www.adea.org/>  
**Go Dental:** <http://www.adea.org/GoDental/>  
**Explore Health Careers:** <http://explorehealthcareers.org/en/home>

### Application Related:

**Assoc. Am. Dental Schools Application Service (AADSAS):** <http://www.adea.org/AADSAS/>  
**Dental Admission Test (DAT):** <http://www.ada.org/en/education-careers/dental-admission-test>  
**University of Missouri-Kansas City School of Dentistry:** <http://dentistry.umkc.edu/>  
**University of Nebraska College of Dentistry:** <http://www.unmc.edu/dentistry/>  
**Creighton University School of Dentistry:** <https://dentistry.creighton.edu/>  
**A.T. Still University Missouri School of Dentistry:**  
MO - <https://www.atsu.edu/mosdoh/>  
AZ - <https://www.atsu.edu/asdoh/>  
**Midwestern University College of Dental Medicine:**  
AZ - [https://www.midwestern.edu/programs\\_and\\_admission/az\\_dental\\_medicine.html](https://www.midwestern.edu/programs_and_admission/az_dental_medicine.html)  
IL - [https://www.midwestern.edu/programs\\_and\\_admission/il\\_dental\\_medicine.html](https://www.midwestern.edu/programs_and_admission/il_dental_medicine.html)

### K-State Academics:

**K-State Undergraduate Catalog:** <http://catalog.k-state.edu/>  
**K-State Transfer Equivalency:** <https://www.k-state.edu/undergradadmit/transferequivalency.html>  
**K-State Secondary Major in Gerontology:** <http://www.he.k-state.edu/aging/academics/ugrad/gerontology.html>

### Service Related:

**Habitat for Humanity:** <http://mahfh.org/volunteer/>  
**Hands on K-State:** <http://handson.k-state.edu/>  
**K-State Alternative Breaks:** <http://www.k-state.edu/leadership/programs/serviceteams/altbreaks/>  
**Konza United Way:** <http://getconnected.konzaunitedway.org/>  
**Hope Ranch Therapeutic Riding Center:** <http://hoperanchks.org/>

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