

## Master of Science in Biomedical Sciences (M.S.)

### A.T. Still University

Home of the world's first osteopathic medical school, founded in 1892, A.T. Still University is a renowned healthcare education and training university and a leading educator in multidisciplinary whole-person healthcare. ATSU's schools include the Kirksville College of Osteopathic Medicine (KCOM), the School of Osteopathic Medicine in Arizona (SOMA), the Arizona School of Health Sciences (ASHS), the Arizona School of Dentistry & Oral Health (ASDOH), the Missouri School of Dentistry & Oral Health (MOSDOH), and the online College of Graduate Health Studies (CGHS).

### Kirksville College of Osteopathic Medicine

The Kirksville College of Osteopathic Medicine, located in Kirksville, Mo., offers two degree programs: doctor of osteopathic medicine (D.O.) and master of science in biomedical sciences (M.S.). KCOM has a rich history of providing leadership for comprehensive medical education, healthcare, and research. KCOM uses the latest technology to give students broad educational and research experiences as evidenced by the new 12.5 million dollars information technologies center.

### The Curriculum

The Biomedical Sciences graduate program provides individuals aspiring for a career in health sciences the opportunity to prepare for professional studies in the areas of medicine, dentistry, or research. The program combines didactic coursework within the masters program and some D.O. level courses, with electives and unique, individualized research projects to create an integrated approach to biomedical sciences education. Most importantly, graduates will have the skills they need to make an impact on the discovery and treatment of disease as future physicians, dentists, academicians, and/or researchers.

The Biomedical Sciences track is a thesis-based, research program in which graduate students have the opportunity to work across different disciplines or to concentrate in one specialized area. Areas of study include anatomy, biochemistry, cell biology, histology, immunology, microbiology, molecular biology, neuroscience, pharmacology, and physiology. Faculty work one-on-one with students to advise research, provide educational resources, and assist in developing the research-related skills such as; evaluating literature, procuring funding, designing and performing experiments, analyzing and presenting data, and writing and submitting work for publication.

### Requirements for Admission

1. Applicants must have earned a baccalaureate degree from a regionally accredited institution prior to matriculation.
2. Applicants must be a U.S. citizen or a permanent resident (i.e., green card).
3. The applicant must have achieved a minimum 2.65 cumulative grade point average and a 2.65 minimum science grade point average on a 4.0 scale.
4. Applicants must have completed the following prerequisite courses prior to matriculation:
  - Biology – one year with laboratory or 8 semester hours/12 quarter hours
  - Physics – one year with laboratory or 8 semester hours/12 quarter hours
  - General or Inorganic Chemistry – one year with laboratory or 8 semester hours/12 quarter hours
  - Organic Chemistry – one year with laboratory or 8 semester hours/12 quarter hours
  - English — 6 semester hours/9 quarter hours

- College Algebra or higher – 3 semester hours/5 quarter hours
5. Applicants are required to submit scores from the Medical College Admission Test (MCAT), the Dental Admission Test (DAT), or the Graduate Record Exam (GRE). The college requires that all test scores must be taken within three years of application.
  6. Applicants who are considered potential candidates will be invited to visit KCOM to participate in an applicant interview process.

### **Application Information**

All applicants must submit a completed application with a nonrefundable \$70 application fee. To complete the application process, applicants must include official transcripts from all colleges attended, two professional letters of reference, and official standardized test scores (e.g., MCAT, DAT or GRE). The application deadline each cycle is March 1. The deadline for interviews is April 1. Interviews in Kirksville are required.

### **Tuition and Expenses**

Tuition for the Biomedical Sciences Program is programmatic and paid during year one. The program tuition extends for a maximum of three years. Program tuition for 2017-2018 is \$11,304. There is an educational supply fee of \$1050 payable in year one. Tuition and fees are subject to change.

### **Financial Assistance**

Financial support, including private and federal loans, is available for students accepted into KCOM through the Financial Services Office. This office assists students in developing a comprehensive financial assistance package based on individual needs. For additional information, contact [financialaid@atsu.edu](mailto:financialaid@atsu.edu).

### **Accreditation**

A.T. Still University is accredited by the Higher Learning Commission, a commission of the North Central Association of Colleges and Schools (NCA), 230 S. LaSalle St., Suite 7-500, Chicago, IL 60604, phone 800-621-7440.

**For additional information contact ATSU Admissions  
660-626-2237 or toll-free 866-262-2878, ext. 2237  
[admissions@atsu.edu](mailto:admissions@atsu.edu)  
[www.atstu.edu](http://www.atstu.edu)**