

DES MOINES
UNIVERSITY
MEDICINE & HEALTH SCIENCES



MASTER OF SCIENCE IN
ANATOMY

FOCUSED ON YOU AND YOUR GOALS

Des Moines University's Master of Science in Anatomy Program provides students with **extensive knowledge in the anatomical sciences and the ability to apply, communicate and teach that knowledge.** Excellent faculty and facilities, one-to-one mentorship and a focus on students' goals and success are big advantages.

The program is **designed to be completed in 24 months but can be completed on a part-time basis in up to five years.** The curriculum includes first-year medical school classes, courses specifically designed for the M.S.A. degree program and a requirement to teach anatomy. Students gain comprehensive knowledge in the four disciplines of anatomy: gross anatomy, cell and tissue biology, neuroanatomy and human development.

You will gain preparation for careers and professional programs in health care, education or research.

ADVANTAGES OF A DMU M.S.A. DEGREE:

- ✓ comprehensive knowledge of the human body
- ✓ highly developed teaching and presentation skills
- ✓ engaged interactions with classmates
- ✓ opportunities to work closely with a group of world-class faculty
- ✓ state-of-the-art facilities
- ✓ excellent preparation for professional programs
- ✓ opportunities for research and community service



LEARN FROM THE BEST

The DMU **M.S.A. faculty** are excellent educators who are committed to helping students achieve teaching excellence, too. They also have diverse interests and areas of expertise; several have active research endeavors in areas including evolutionary sciences, comparative anatomy and forensics. The relatively small size of the program means you will benefit from the personal attention and professional guidance of these experts.

ADVANTAGEOUS OPTIONS

The **M.S.A. program, offered by the College of Osteopathic Medicine, will prepare you for a variety of career paths.** Students who want to work in education gain extensive experience in teaching and presenting. They hone their writing skills in the capstone course, in which they provide a comprehensive overview of a selected topic area, drawing upon the four fields of anatomy.

For students who want to become health care providers, the M.S.A. degree is a plus on applications for professional programs.



The curriculum is directly relevant to clinical content. **As a dual degree with a DMU osteopathic or podiatric medical degree, the M.S.A. can improve students' board exam scores and applications for competitive residencies.** The anatomy faculty also assist students in constructing a strong resumé and offer resources that prepare students to do well on the MCAT.

Students have **access to research experiences**, too. Anatomy faculty have been recognized for their scholarship through grants including from the National Science Foundation and the National Institutes of Health. Students have opportunities to work with these faculty. M.S.A. students have gone on to publish their research in anatomy-related journals.

A GREAT PLACE

The DMU campus is a supportive, collaborative community of students and faculty. With a wide range of campus events, student clubs, intramural sports and other activities, **there's always something going on.** The University's location in Iowa's capital city offers plenty

of opportunities for entertainment, outdoor recreation, shopping and much more.

State-of-the-art facilities also benefit students. In the gross anatomy laboratory, students dissect and study body donors at 43 modernized dissection stations, each equipped with a 40-inch flat screen monitor connected to an iPad offering dissection instructions and embedded quizzes. Accompanying ultrasound capabilities allow students to explore and manipulate digital images, enhancing visualization and knowledge gained in courses and hands-on dissections.

SERVICE AND SUPPORT

The **anatomy students at DMU are great ambassadors for the sciences** as well as for the University. They serve as teaching assistants for students in other programs. They participate in campus events such as the annual Senior Health Fair and Girls Exploring Medicine and Science. They also volunteer in the community, including sharing their knowledge of anatomy at local schools.

MASTER OF SCIENCE IN ANATOMY ACADEMIC YEAR 2018-2019

	JUL	FALL TERM					SPRING TERM					JUN
		AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	
YEAR 1		Cell and Tissue Biology - 4 credits Gross Anatomy I - 5.5 credits Biochemistry - 4.5 credits					Physiology - 6.5 credits Gross Anatomy II - 3 credits Elective - 1 credit					
YEAR 2		Anatomy Seminar - 1 credit Advanced Dissections I - 1 credit Teaching in Anatomy I - 2 credits Human Development - 2 credits Statistics - 3 credits Electives - 1 credit					Anatomy Seminar - 1 credit Advanced Dissections in Anatomy II - 1 credit Teaching in Anatomy II - 2 credits M.S.A. Capstone Experience - 2 credits Neuroanatomy - 2.5 credits Electives - at least 1 credit					

Total Credits Required = 44 (includes 2 hours of additional elective hours to be taken in spring of Year 1 and/or during Year 2)

M.S.A. students must maintain a grade point average of 3.00 or greater in the following four core anatomy courses - Gross Anatomy, Cell and Tissue Biology, Neuroanatomy and Human Development - and a grade point average of 3.00 or greater in all required and elective course work.

HIGH-QUALITY, ENGAGING AND IN-DEPTH:
 DMU'S M.S.A. PROGRAM WILL GIVE YOU ANATOMICAL EXPERTISE AND OPTIONS FOR USING IT.

HOW TO APPLY:

Apply through DMU's direct application or through the Post Baccalaureate Centralized Application Service (PostBacCAS). Applications become available each year in August for the class that begins the following fall term. The application deadline is June 15; however, due to rolling admission, it is recommended to apply early.

M.S.A. PROGRAM ADMISSION REQUIREMENTS:

- ✓ **Bachelor's degree** from a regionally accredited college or university
- ✓ **Cumulative and science GPAs of 2.8** and higher are recommended
- ✓ **Completion of the following courses** prior to matriculation:
 - **Biology/Zoology** – 8 semester hours with lab
 - **General Chemistry** – 8 semester hours with lab
 - **Organic Chemistry** – 4 semester hours with lab
 - **Biochemistry** – 3 semester hours
 - **Physics** – 8 semester hours with lab (may substitute 3 semester hours of Statistics)
 - **English, English Composition, Speech or Literature** – 6 semester hours
- ✓ **MCAT, GRE or DAT score** submitted to DMU or through PostBacCAS
- ✓ **Three letters of recommendation** from an employer, supervisor, academic adviser, professor or mentor
- ✓ **U.S. citizenship or legal permanent resident status** (copy of permanent resident card is required)

BECAUSE OF WHERE YOU WANT TO GO AFTERWARD

Your ultimate goal is to become an exceptionally well-prepared professional in science and health care. At DMU, you will learn with faculty and students who all share a focus on medicine, the health sciences and human wellness. You will become ready for both autonomous and interprofessional practice and research in the path you choose.

As a student, you will enjoy the amenities and affordability of Iowa's capital, Des Moines. Learn more at www.catchdesmoines.com.

DES MOINES UNIVERSITY

MEDICINE & HEALTH SCIENCES

3200 Grand Avenue
Des Moines, Iowa
50312-4198

dmuadmit@dmu.edu

515-271-1499

www.dmu.edu/admission

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ACCREDITATION: DMU's College of Osteopathic Medicine (COM) is accredited by the Commission on Osteopathic College Accreditation (COCA) of the American Osteopathic Association (AOA). As an accredited college, COM is a member of the American Association of Colleges of Osteopathic Medicine (AACOM). Des Moines University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools, 30 North LaSalle St., Suite 2400, Chicago, IL 60602-2504; 312-263-0456; 800-621-7440; Fax, 312-263-7462; www.ncahlc.org, 09/18-1500

