Medical Anatomy and Physiology Preparatory (MAPP) Program

Saint Louis University School of Medicine Medical Anatomy and Physiology Preparatory (MAPP) Program is a two-semester academic experience for post-baccalaureate scholars considering careers in medicine, other healthcare professions, or biomedical sciences.

Offered through the Center for Anatomical Science and Education (CASE), scholars also have the opportunity to apply for the CASE Master’s degree (M.S.) graduate programs. The core courses successfully completed in the MAPP program apply toward the completion of the M.S. in Anatomy (over). These programs provide graduate level academic experiences, including opportunities to serve as tutors and teaching assistants in advanced anatomical science courses, to facilitate entry into medical school, other healthcare professional fields, and biomedical doctoral programs.

MAPP students:
- Have an enriched learning environment in the Saint Louis University School of Medicine while experiencing all that greater St. Louis, MO area has to offer.
- Have the opportunity to explore their career interests in the biomedical sciences and determine if their best path may be in pursuing professional training (medicine or other health professions), academia/research, or industry.
- Are part of an established academic center providing expert anatomical education for over 100 years.
- Learn from faculty who are a diverse team of clinicians and scientists dedicated to teaching, training, and advising students.
- Experience hands-on training in gross anatomy and neuroanatomical laboratories.
- Benefit from an over 85% success rate for student placement in advanced degrees after completing our program.

CURRICULUM MAPP students take the following core courses:

**Fall Semester**

**Human Histology and Ultrastructure**
ANAT-5100 (5 credit hours)
Microscopic anatomy of human body; emphasis on relationships between structure and function of tissues and organs.

**Human Embryology**
ANAT-5200 (2 credit hours)
Prenatal human development; emphasis on correlation of normal development with development of common congenital malformations.

**Human Systems Physiology**
ANAT-5400 (4 credit hours)
Physiological principles and mechanisms; emphasis on function and processes within cells, tissues and organ systems.

**Spring Semester**

**Human Gross Anatomy**
ANAT-5000 (8 credit hours)
Structure and function of human body; emphasis on anatomical relationships and concepts and their functional significance; dissection required.

**Human Systems Neurobiology**
ANAT-5300 (5 credit hours)
Structure and function of the human nervous system; emphasis on neuroanatomical relationships of functional systems and neurobiological concepts of brain mechanisms.

**Timeline**

- **Deadline**: The application deadline is August 1 via the Saint Louis University Graduate Admissions Office. www.slu.edu/medical-anatomy-and-physiology-preparatory-program-(mapp)
- **Application Requirements**

  Applicants are admitted on a competitive basis and must have a B.S. or B.A. degree from an accredited U.S. college or university with a minimum overall GPA of 3.0 and/or science GPA of 2.8. In addition, applicants must have either a minimum combined MCAT score of 495 or a GRE general test score at the 40th percentile.

- **Application Materials**

  Applicants are required to submit official undergraduate transcripts, three letters of recommendation from academic faculty, research advisors or relevant employer, and a brief autobiographical statement describing the applicant’s educational and professional goals and how this program will contribute to pursuit of those goals.

- **CASE Graduate Program**

  Interested and competitive MAPP students are encouraged to apply for admission into CASE M.S. programs. MAPP students are required to complete the core curriculum with a 3.0 GPA to apply. Accepted M.S. students are eligible and encouraged to apply for competitive teaching assistant positions. For more information on CASE graduate programs see: https://sites.google.com/a/slu.edu/center-for-anatomical-science-and-education-case/graduate-education

**Questions**

Contact CASE at pander20@slu.edu

Apply Online

www.slu.edu/medical-anatomy-and-physiology-preparatory-program-(mapp)

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**“The MAPP program provided me the tools and experiences to hit the ground running in medical school and helped me stand out as a set of very accomplished individuals. Within the first week, I was offered a research opportunity working with patients for assessing orthopaedic surgery techniques.”**

Jason Dickherber – 2010-2011 MAPP student and current medical student at Marshall University Joan C. Edwards School of Medicine