

ANATOMY EDUCATION, MS

The Johns Hopkins University School of Medicine Master of Science in Anatomy Education program is designed to give students the training they need in order to successfully compete for teaching positions in anatomy at the community college level. Because such positions often also require some instruction in physiology and/or histology, introductory courses in these disciplines are also included in the program, along with training in pedagogical techniques. The program is also appropriate for students who wish to go on to research or educational support positions in anatomy, such as anatomy lab manager or surgical research coordinator.

Admission Requirements

- Bachelor's degree from an accredited college or university
- Grade transcripts, personal statement, and two letters of recommendation
- Demonstrated proficiency in written and spoken English, for non-native speakers
- Interview with faculty (via Skype)

This program may also be appropriate for professionals in other disciplines who wish to return for specific training in anatomical education.

Students admitted to this program are not eligible for F or J immigration sponsorship.

Tuition

Please visit the Anatomy Education program webpage (<https://fae.johnshopkins.edu/education/masters-program/>) for the most up to date information.

Fees

A non-refundable application fee of \$115 is payable by credit card at the time of application. There is also a one-time matriculation fee of \$740.

Resources

For more information on graduate education at the Johns Hopkins University School of Medicine, see:
Johns Hopkins University School of Medicine Graduate Programs (<https://www.hopkinsmedicine.org/som/students/graduate-programs/>)

Contact Information

anatomyed@jhmi.edu, Program Coordinator

Additional contacts are listed on the Anatomy Education webpage (<https://fae.johnshopkins.edu/education/masters-program/>).

Coursework

All courses (except on-line courses) are held on the campus of the Johns Hopkins University School of Medicine in Baltimore. See below for contact information.

Foundations of Human Anatomy (7 weeks, 7 credits)

Intensive course taught to entering medical students and Ph.D. graduate students; includes lectures, small group activities (imaging, team-based learning, other), and full-body dissection.

Advanced Anatomical Dissection and Research (12 weeks, 5 credits)

Supervised small group cadaveric dissection focusing on more detailed understanding of specific systems and regional anatomy, anatomical variation, clinical correlations, and comparative anatomy. Includes a research project and paper.

Teaching Practicum in Anatomy (8 weeks, 3 credits)

Provides training in lecturing, small group leadership for presentation of anatomy; includes giving one lecture and assisting in labs in Summer Institute in Anatomy.

Introduction to Histology (5 weeks, 2 credits)

Introduction to basics of histology; on-line, using materials developed for medical school course in histology.

Fundamentals of Human Physiology (8 weeks, 4 credits)

Introduction to organ level human physiology, taught through the Johns Hopkins Bloomberg School of Public Health.

The following pedagogical courses are on-line and taught through the interdisciplinary

Johns Hopkins Medical Education in the Health Professions (<https://education.jhu.edu/academics/masters-programs/master-of-education-in-the-health-professions/>) program:

Instructional Strategies I and II (6 weeks and 1.5 credits each)

Instructional methods in small and large group teaching - team-based, interactive, and case-based; strategies to enhance critical thinking, creativity, and cooperative learning.

Ensuring Learning through Assessment and Feedback (12 weeks, 3 credits)

Design of effective assessment tools; aligning assessments with learning goals and objectives; use of feedback to monitor and evaluate learning.

Evidence-Based Teaching (12 weeks, 3 credits)

Apply evidence-based strategies and methodologies to teach in a variety of settings; assess learner needs to guide instruction; effectively integrate technology into instruction.