

PROGRAM CURRICULUM: MASTER OF SCIENCE IN HUMAN ANATOMY AND PHYSIOLOGY INSTRUCTION

All courses are three credits and delivered on-line for 15 weeks.

The ITP courses will provide a candidate with a solid grounding in best practices of pedagogy. The HAP courses will guide a candidate in understanding the appropriate level of instructional rigor for undergraduate nursing and allied health students while enhancing the graduate level expertise of a MSHAPI candidate.

Throughout the human anatomy and physiology portion of the program, the faculty members (all experienced anatomy and physiology instructors) will mentor students in the development of a comprehensive portfolio of lectures, presentations, and other teaching tools, fully equipping them for their instructional roles.

ITP 5110

Foundations of the Classroom

Students will gain knowledge, skills and experiences with a variety of information regarding instructional theory and principles. The content of this course will guide a student in preparing to teach in an undergraduate or allied health program.

HAP 5110

Introduction to Anatomy and Physiology; Chemistry; Cells; Histology

Focuses on introductory topics, chemistry, cell biology, and histology content. This course will guide a candidate in understanding the appropriate level of instructional rigor for undergraduate nursing and allied health students while enhancing the graduate level expertise of the MSHAPI candidate.

ITP 5120

Elements of Course Development

This course is based on the Foundations of the Classroom course in that it will enhance the learners' knowledge of pedagogy by building upon the content which was previously learned. The content of this course includes specifics of course design and development, and at the conclusion students will be able to create and plan the necessary educational tools to teach a course.

HAP 5120

Integumentary, Skeletal, and Muscular Systems

Focuses on integumentary, skeletal, and muscular system content.

ITP 5130

Designing and Developing for Lab and On-line Learning Environments

Based on the educational theories and principles taught in the previous ITP courses, this course will expand students' current knowledge of basic pedagogy by focusing on coursework in a lab and on-line setting, as well as preparing a student for the Capstone ITP course.

HAP 5130

Nervous System

Focuses on nervous system content, including nerve tissue, spinal cord, brain, ANS, sensory-motor integration, and special senses.

ITP 5140

Employment in the College/University Setting; Capstone Portfolio Project

Designed to equip a MSHAPI candidate with a detailed appreciation of the practical issues relating to employment as an anatomy and physiology instructor in the undergraduate setting. The compilation of the instructional tools developed by a student throughout the MSHAPI program into a comprehensive teaching portfolio will serve as the capstone project of the program. This course includes a one week, on campus, teaching practicum designed to enhance lecture delivery skills.

HAP 5140

Endocrine and Cardiovascular Systems

Focuses on endocrine and cardiovascular systems content.

HAP 5150:

Lymphatic/Immune, Respiratory, Digestive Systems, Metabolism

Focuses on the lymphatic system and immunity, the respiratory and digestive systems, and metabolism.

HAP 5160

Urinary System, Acid/Base Balance, Reproductive System, Development/Inheritance

Focuses on the urinary and reproductive systems, acid/base balance, development and inheritance.

HAP 5170

Essentials of Genetics for Anatomy and Physiology Instructors

Focuses on the basic concepts of genetics and adds an emphasis on current issues in genetics. It is designed to augment the required core courses of the MSHAPI program, enhancing a candidate's effective delivery of anatomy and physiology course content at the undergraduate level.

HAP 5180

Essentials of Medical Microbiology for Anatomy and Physiology Instructors

Focuses on the basic concepts of medical microbiology and adds an emphasis on current issues in medical microbiology. It is designed to augment the required core courses of the MSHAPI program, enhancing a candidate's effective delivery of anatomy and physiology course content at the undergraduate level.



Academic Excellence.
Professional Success.