



Graduate Certificate in Anatomy and Physiology

A Part-time, Four-semester, degree program

PROGRAM DESCRIPTION

Shenandoah University's Division of Anatomy and Physiology offers an innovative, graduate program leading to a certificate in Anatomy and Physiology.

This program provides an understanding of human anatomy and physiology at a level required for clinical medicine. Graduates of the program will be able to relate basic science knowledge to clinical scenarios and will be prepared to develop instructional and assessment plans utilizing best practices and appropriate pedagogy for learners at the secondary and post-secondary levels.

The Graduate Certificate in Anatomy & Physiology may be used as a foundation for further education in the health professions, for further graduate study and/or research in the discipline, or for educators at the secondary or post-secondary level who require graduate-level credits to teach Anatomy & Physiology. The mostly on-line program is supplemented by face to face laboratory experiences.

ADMISSIONS REQUIREMENTS

All applicants seeking enrollment in the Certificate in Anatomy & Physiology program must:

- Unofficial transcripts for initial admission from all institutions of higher education previously attended
- Complete a graduate application for admission
- Provide two letters of recommendation
- Language Proficiency requirement must be met. Submission of TOEFL, IELTS, PTE, or Duolingo English Test may be required. See our policy for full details: <https://www.su.edu/admissions/international-students>

PROGRAM PREREQUISITES

- Completion of a bachelor's degree from an accredited institution
- Completion of 4 full semester courses (12-16 credits) in Biology, Chemistry, and/or Physics. A General Biology sequence (8 credits) and/or General Chemistry sequence (8 credits) is preferred

ADMISSION & APPLICATION

Admissions

START TERM: Summer

Application Deadline:

April 15

Completed applications reviewed regularly

Prerequisites: Bachelor's degree with 4 courses in science

Applying to Shenandoah

Begin the online application process by going to www.su.edu/anatomyandphys

Foreign Transcripts

International transcript evaluation by an accredited agency is an admission requirement. Approved services are listed at www.naces.org and <http://aice-eval.org/>.

Contact Us

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DEGREE REQUIREMENTS

Course	Title	Credits
Summer, Year 1		
CAP 510	Anatomy Lecture	3
CAPL 510	Anatomy Lab	3
Fall, Year 1		
CAP 560	Histology	3
Spring, Year 1		
CAP 590	Physiology	3
Summer, Year 2		
CAP 610	Anatomical Imaging	2
CAP 630	Control Systems	2
CAP 640	Embryology	2
Total		18

Anatomy and Physiology Curriculum

Shenandoah University's Graduate Program in Anatomy and Physiology is delivered mostly online. Students will attend the majority of classes and learn in an online environment that will be engaging and interactive. Online instruction is supplemented with a required residency component for the laboratory coursework. This will provide students the opportunity to view human cadaveric specimens and participate in dissection.

Teachers that complete this program will meet the necessary credit hours in the discipline (18) that when accompanied with a master's degree satisfy the requirements to teach courses at the high school and/or community college. In addition, this program could be attractive to teachers interested in teaching anatomy that don't already possess a master's degree. With an additional 4 courses, students are able to earn the Masters of Education, Individualized Focus degree.

This program is also excellent preparation for individuals interested in pursuing a graduate degree in the health professions or a research-intensive degree program as preparation for the admissions process.

CAREER OUTLOOK

There is currently a shortage of instructors credentialed to teach Anatomy and Physiology at the secondary and post-secondary levels. Many school divisions are not able to offer anatomy and physiology courses at the high school level due to the lack of a qualified instructor. Individuals interested in a career as a health care provider have a wide range of career opportunities. The demand for health care providers is expected to continue to grow. Compensation is dependent on the chosen profession.