Anatomy & Physiology Graduate Certificate

SHENANDOAH UNIVERSITY
Division of Physical Therapy

A hybrid, part-time, four-semester certificate program

PROGRAM DESCRIPTION

Shenandoah University's Anatomy and Physiology Graduate Certificate provides an understanding of human anatomy and physiology at a level required for clinical medicine. The program 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.

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.

PROGRAM PREREQUISITES

- Completion of a bachelor's degree from a regionally 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.

ADMISSIONS REQUIREMENTS

- Graduate Application with $30 application fee
- Unofficial transcripts for initial admission from all institutions of higher education previously attended
- 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

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

ADMISSION & APPLICATION

Start Term
Summer (May)

Admission Deadline
April 15
Completed applications reviewed regularly

Format/Location
Hybrid
All coursework is online

How to Apply
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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Office of Graduate Admissions
SUGradAdmissions@su.edu
call: 540-665-4581 | text: 540-401-5709

Office of Financial Aid
https://www.su.edu/financial-aid/incoming-graduate-aid/
finaid@su.edu | call: 540-665-4538



Dr. Cameron Bolton
Program Director

ANATOMY AND PHYSIOLOGY CURRICULUM

Shenandoah University's Graduate Certificate in Anatomy and Physiology is delivered mostly online. Students will attend most 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 to satisfy the requirements to teach courses at the high school and/or community college level when accompanied with a master's degree. 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 can earn the Master of Science in 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.

FREQUENTLY ASKED QUESTIONS

- **How are the online classes offered?**
  Courses meet online asynchronously.

- **What types of activities are involved in the online classes?**
  Assignments, including creating multiple choice questions and concept maps, completing online quizzes and tests, and discussion board participation and inquiry.