

# HEALTH AND HUMAN SERVICES (HHS)

## 200 Level Courses

**HHS 270:** *Applied Human Anatomy and Physiology I*. 4 credits.

Develops a comprehensive understanding of the interrelationships of anatomy and physiology as observed in the human organism, and introduces application of knowledge to health, disease and dysfunction. Emphasis on musculoskeletal, nervous, cardiovascular, respiratory and integumentary systems. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). Limited to three attempts. Equivalent to RHBS 270.

**Schedule Type:** Laboratory, Lecture

**Grading:**

This course is graded on the Undergraduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 271:** *Applied Human Anatomy and Physiology II*. 4 credits.

Continued development of a comprehensive understanding of the interrelationships of anatomy and physiology as observed in the human organism, and introduces application of knowledge to health, disease and dysfunction. Emphasis on musculoskeletal, nervous, cardiovascular, respiratory and integumentary systems. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). Limited to three attempts. Equivalent to RHBS 271.

**Registration Restrictions:**

**Required Prerequisites:** (HHS 270<sup>C</sup> or 270<sup>XS</sup>).

<sup>C</sup> Requires minimum grade of C.

<sup>XS</sup> Requires minimum grade of XS.

**Schedule Type:** Laboratory, Lecture

**Grading:**

This course is graded on the Undergraduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

## 400 Level Courses

**HHS 432:** *Healthy Aging*. 3 credits.

Offers a broad perspective of normal aging in the older adult, and the impact of chronic disease and psychosocial and cultural factors on the aging process. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). Limited to three attempts.

**Schedule Type:** Lecture

**Grading:**

This course is graded on the Undergraduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 480:** *Research Internship in Public Health*. 3 credits.

The student works as a member of a team engaged in population health research and attends a bi-weekly research seminar. Under direction of the course seminar leader and the faculty research mentor, the student will acquire selected research skills and develop introductory research writing and presentation skills. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). Limited to three attempts.

**Recommended Prerequisite:** Open only to CHHS majors or students who have completed CHSS minor or certificate courses.

**Schedule Type:** Lecture

**Grading:**

This course is graded on the Undergraduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 490:** *COVID-19 Response Internship*. 1-3 credits.

Emphasizes public health and clinical infectious disease control and prevention measures at the community level in response to the COVID-19 pandemic in a practicum field experience under the direct supervision of a preceptor. Provides students a boots-on-the ground opportunity to make a positive impact on health and economic well-being of a variety of local communities. Focuses on all aspects of the Virginia COVID-19 vaccination protocol plan, including recruiting critical populations: vaccine storage, handling and administration (if qualified); second dose reminders, program communication; safety monitoring; and program monitoring. Offered by the College of Health and Human Services, open to all major. Students are required to complete 45 hours of contact per credit hour. May be repeated within degree for a maximum of six credits. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May be repeated within the term for a maximum 12 credits.

**Specialized Designation:** Topic Varies

**Schedule Type:** Internship

**Grading:**

This course is graded on the Undergraduate Special scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 491:** *Foundations of Clinical Research*. 1 credit.

Provides students with fundamental concepts and basic analytic methods pertaining to the design, analysis, and interpretation of clinical research. Outlines the research process by introducing the components of research - from beginning a literature search, to designing an experiment, to selecting appropriate outcome measures, and collecting data. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). Limited to three attempts.

**Schedule Type:** Seminar

**Grading:**

This course is graded on the Undergraduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 492:** *RS: Internship in Clinical Research*. 3 credits.

Provides students with experiential learning in a research laboratory that focuses on clinical health research. Students are matched with a clinical research supervisor that provides both research and professional development mentorship. Through this opportunity, students enhance their research, critical thinking, problem-solving and presentation skills. An application must be submitted in the semester prior to enrollment in the course. During the semester prior to entry, students may be asked to acquire certain competencies/certifications in order to fully participate at their research site (e.g., human subjects research protections training, lab safety, certification, HIPAA training). Offered by Health and Human

Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). Limited to three attempts.

**Specialized Designation:** Research/Scholarship Intensive

**Recommended Prerequisite:** Course is open to honors college students only.

**Schedule Type:** Independent Study

**Grading:**

This course is graded on the Undergraduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

## 500 Level Courses

**HHS 597: *Approaches to Quantitative Data Analysis in Public Health Research*.** 3 credits.

Examine univariate and bivariate statistical procedures appropriate for analyzing quantitative population health research data. Includes selecting, applying, and interpreting data analysis procedures. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May not be repeated for credit.

**Registration Restrictions:**

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture

**Grading:**

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

## 600 Level Courses

**HHS 646: *Social Gerontology*.** 3 credits.

Examines physical, psychological, sociological, cultural, spiritual, and economic aspects of aging and explores the challenges of service delivery to older persons. Considers the impact of aging populations on the social structure, economy, demography, and social policy of society and identifies social and cultural forces that influence older persons and their families, with special regard to caregiving, institutionalization, and social roles in retirement. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May not be repeated for credit.

**Registration Restrictions:**

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture

**Grading:**

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 648: *Aging and Health*.** 3 credits.

Provides an overview of normal aging and explores factors that affect health and well being in older adults; demonstrates strategies for maintaining health and managing chronic illness in older adults; examines common misconceptions about aging and healthcare issues; and explores the process of normal aging and the presentation of common health conditions in older adults. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May not be repeated for credit. Equivalent to NURS 648.

**Registration Restrictions:**

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Enrollment is limited to Graduate, Non-Degree or Undergraduate level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Lecture

**Grading:**

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 690: *COVID-19 Response Practicum*.** 1-3 credits.

Emphasizes public health and clinical infectious disease control and prevention measures at the community level in response to the COVID-19 pandemic in a practicum field experience under the direct supervision of a preceptor. Provides students a boots-on-the ground opportunity to make a positive impact on health and economic well-being of a variety of local communities. Focuses on all aspects of the Virginia COVID-19 vaccination protocol plan, including recruiting critical populations: vaccine storage, handling and administration (if qualified); second dose reminders, program communication; safety monitoring; and program monitoring. Offered by the College of Health and Human Services, open to all major. Students are required to complete 45 hours of contact per credit hour. May be repeated within degree for a maximum of six credits. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May be repeated within the term for a maximum 6 credits.

**Specialized Designation:** Topic Varies

**Registration Restrictions:**

Enrollment limited to students with a class of Advanced to Candidacy, Graduate, Junior Plus, Non-Degree or Senior Plus.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Internship

**Grading:**

This course is graded on the Graduate Special scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

## 700 Level Courses

**HHS 702: *Public Health Promotion and Disease Prevention*.** 3 credits.

Prepares students to address public health needs of individuals or groups through health promotion and disease prevention. Emphasis is placed on research evidence and motivational interviewing to improve healthy lifestyle, prevent disease and manage chronic conditions. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May not be repeated for credit.

**Registration Restrictions:**

Enrollment is limited to Graduate or Non-Degree level students.

Students in a Non-Degree Undergraduate degree may **not** enroll.

**Schedule Type:** Seminar

**Grading:**

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**800 Level Courses**

**HHS 810: *Systematic Reviews of Health Research*.** 3 credits.

Applies systematic methods for evaluating current research in order to develop empirically-based decisions about the next major research questions that need to be addressed in the students' selected area of inquiry. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May not be repeated for credit.

**Recommended Prerequisite:** Master's degree in a health-related discipline.

**Registration Restrictions:**

Enrollment is limited to Graduate level students.

**Schedule Type:** Lecture

**Grading:**

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 818: *Advanced Ethics of Health Research*.** 3 credits.

Analyze ethical issues associated with designing and conducting public health research in diverse populations and settings. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May not be repeated for credit.

**Recommended Prerequisite:** Master's degree in a health-related discipline.

**Registration Restrictions:**

Enrollment is limited to Graduate level students.

**Schedule Type:** Seminar

**Grading:**

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 825: *Conducting and Publishing Health Research*.** 3 credits.

Apply scientific and ethical principles of inquiry by participating in a guided public health research practicum and seminars. Apply principles of writing for scientific publication. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May not be repeated for credit.

**Recommended Prerequisite:** Master's degree in a health-related discipline.

**Registration Restrictions:**

Enrollment is limited to Graduate level students.

**Schedule Type:** Internship

**Grading:**

This course is graded on the Graduate Regular scale. (<http://catalog.gmu.edu/policies/academic/grading/>)

**HHS 850: *Teaching Practicum in Public Health*.** 0-3 credits.

Provides supervised teaching experience of selected public health courses. Focuses on effective strategies for facilitating student learning, methods of assessment and testing, and using student and peer feedback for self-improvement. Examines the principles and practices of effective classroom management. Offered by Health and Human Services (<http://catalog.gmu.edu/colleges-schools/health-human-services/>). May be repeated within the degree for a maximum 6 credits.

**Recommended Prerequisite:** Minimum of 18 graduate hours in a health-related field.

**Registration Restrictions:**

Enrollment limited to students with a class of Advanced to Candidacy or Graduate.

Students in a Non-Degree Post-Baccalaureate or Non-Degree Undergraduate degrees may **not** enroll.

Enrollment limited to students in the Health and Human Services college.

**Schedule Type:** Internship

**Grading:**

This course is graded on the Satisfactory/No Credit scale. (<http://catalog.gmu.edu/policies/academic/grading/>)