

REHABILITATION SCIENCE GRADUATE CERTIFICATE

Banner Code: HH-CERG-RHBS

Academic Advising

Website: <https://rehabscience.gmu.edu/program/view/19946>

This graduate certificate prepares students to apply research and statistical techniques to the study of the enabling–disabling process. The Institute of Medicine defines rehabilitation science as *a field of study that encompasses basic and applied aspects of the health sciences, social sciences, and engineering. It is the melding of knowledge from several disciplines to understand the fundamental nature of the enabling–disabling process.*

Students will acquire competencies in the following areas:

- rehabilitation and recovery framework
- research design and methodology
- statistics
- conduct of applied rehabilitation research

The department hosts information sessions on a regular basis for those interested in our academic programs. Visit the College of Health and Human Services website (<http://chhs.gmu.edu>) for details.

Admissions & Policies

Admissions

Admission to this certificate requires a bachelor's degree in a discipline related to health sciences from an accredited institution of higher education with a minimum GPA of 3.00 in the last 60 credits. Such fields include, but are not limited to:

- health science
- biostatistics
- biology
- nursing
- medicine
- physical therapy
- occupational therapy
- physiatry
- engineering
- psychology

Applicants must meet the admission standards and application requirements specified in Graduate Admissions and must apply using the Application for Graduate Admission (<https://www2.gmu.edu/admissions-aid>). Applications are considered for the fall semester only. The application process is competitive. For application deadlines and detailed application requirements please refer to the CHHS Admissions website (<http://chhs.gmu.edu/admissions/graduate/deadlines.cfm>). Late applications will be considered on a space-available basis.

Policies

A maximum of 3 credits in equivalent coursework taken at another college or university may be applied toward the certificate.

For policies governing all graduate certificates, see AP.6.8 Requirements for Graduate Certificates.

Requirements

Certificate Requirements

Total credits: 15

This certificate may be pursued on a full-or part-time basis.

To earn the certificate, students must earn a minimum GPA of 3.00 in the 15 credits of coursework outlined below, with no more than 3 credits with a grade of C.

Required Courses

Code	Title	Credits
RHBS 650	Foundations of Rehabilitation Science	3
RHBS 710	Applied Physiology I	3
RHBS 711	Applied Physiology II	3
Total Credits		9

Electives

Code	Title	Credits
Select six credits from the following:		6
RHBS 606	Clinical Exercise Physiology	
RHBS 610	Scientific Basis for Pain and Fatigue	
RHBS 620	Psychosocial Aspects of Rehabilitation	
RHBS 651	Research Design and Methods I	
RHBS 652	Research Design and Methods II	
RHBS 680	Behavior Change in Chronic Illness	
RHBS 702	Biobehavioral Aspects of Health	
RHBS 720	Principles of Clinical Trials	
RHBS 740	Applied Physiology: Cardiorespiratory	
RHBS 745	Metabolic Basis of Disability	
RHBS 746	Movement Control and Learning	
RHBS 750	Physiology of Clinical Exercise Interventions	
RHBS 754	Movement Disorders: Etiology, Assessment, and Analyses	
RHBS 816	Rehabilitation Efficacy and Effectiveness Research	
Other courses taken with prior approval of the department		
Total Credits		6