PhD in Rehabilitation Science

This program prepares you to become a leader in teaching and research in the field of Rehabilitation Science. It is not a clinical training program.

- Here you will design and implement research studies.
- Here you will outline and deliver educational courses.
- Here you will translate innovative research into practice.
- Here you will become a scientist, a researcher, a scholar.

This is a unique interdisciplinary partnership between UAB’s Occupational Therapy and Physical Therapy departments where you learn directly from world-renowned researchers in the field of Rehabilitation Science.

Application Process

Apply through the UAB Graduate School online at www.uab.edu/graduate

DEADLINE: January 31

REQUIREMENTS:

- Undergraduate or graduate degree in health related profession
- Min. GRE score in 50th percentile & min. 3.0 GPA (recommended)
- 3 references (at least 1 from a research lab mentor, 1 from an academic source)
- Written essay providing evidence of goals, professional growth & commitment to research
- Interview with faculty that shows passion and commitment to research and professional growth in Rehabilitation Science.

Contact Information

UAB DEPARTMENT OF PHYSICAL THERAPY
360 X School of Health Professions Building
1716 9th Ave S • Birmingham, AL 35294
205-934-3261, ext. 3601 • wreed@uab.edu
PhD in Rehabilitation Science
Program Information

THE PHD IN REHABILITATION SCIENCE PROVIDES:
• Eclectic combination of diverse coursework, workshop teaching and learning experiences, and research inquiry
• Highly personalized training and career mentorship
• Research Opportunities with diverse faculty in Physical Therapy, Occupational Therapy, Engineering, Psychology, Public Health, Nursing, Education and many others

THE PROGRAM PREPARES GRADUATES TO:
• Design and implement research studies that will contribute to the knowledge base of rehabilitation science.
• Design and deliver educational courses related to rehabilitation.
• Translate innovative rehabilitation research findings into practice to advance the field of rehabilitation science.

GRADUATES WILL BE QUALIFIED TO WORK AS:
• Academicians, scholars, scientists and researchers in education, health care and government institutions.
• Consultants to individuals, communities and governments.

Program Curriculum
(57-75 Credit hours)

COURSES
RHB 500 Introduction to Rehabilitation Science 3
RHB 575 Special Topics in Rehabilitation Science 1-4
RHB 590 Quantitative Biomechanics of Injury and Rehabilitation 3
RHB 740 Teaching Practicum 1-3
RHB 746 Rehabilitation Science Journal Club
RHB 775 Special Topics in Rehabilitation Sciences 1-4
RHB 780 Principles of Rehabilitation Science: Movement Science 3
RHB 781 Principles of Rehabilitation Science: Exercise Science 3
RHB 782 Topics in Rehabilitation Science III 3
RHB 783 Research Design 3
RHB 784 Research Design and Measurement in Rehabilitation Science II 3
RHB 789 Rehabilitation Science Seminar 2
(3 terms; 6 hours total)
RHB 790 Rehabilitation Science Research Project 1
(3 semesters, 3 credit hours total)
GRD 717 Principles of Scientific Integrity 3
EPR 608 Statistical Methods and Action Research in Education 3
EPR 609 Statistical Methods and Research in Education 3

REQUIRED OR FREE ELECTIVES12
Electives are determined in conjunction with the graduate committee based on the student’s academic background, courses taken in a focus area, and proposed dissertation question. Courses are specifically selected to develop the expertise needed to complete the dissertation requirements. Courses may be in content areas such as neuropsychology, bioengineering, etc.

THESIS OR DISSERTATION
RHB 798 Non-Thesis Research 3
(min 9 cr. hours over 3 semesters)
RHB 799 Thesis Research 3
(min 9 cr. hours over 3 semesters)