

# PhD in Rehabilitation Science



## 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](http://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](mailto:wreed@uab.edu)



## PhD in Rehabilitation Science Program Information

### COURSES

### SEM HRS

#### 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

### SEM HRS

|         |   |     |
|---------|---|-----|
| 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 (3 terms; 6 hours total)                     | 2   |
| RHB 790 | Rehabilitation Science Research Project (3 semesters, 3 credit hours total) | 1   |
| GRD 717 | Principles of Scientific Integrity  | 3   |
| EPR 608 | Statistical Methods and Action Research                                     | 3   |
| EPR 609 | Statistical Methods and Research in Education                               | 3   |

#### REQUIRED OR FREE ELECTIVES<sup>12</sup>

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 (min 9 cr. hours over 3 semesters) | 3 |
| RHB 799 | Thesis Research (min 9 cr. hours over 3 semesters)     | 3 |

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UAB is committed to providing an accessible learning experience for all students. If you are a student with a disability that qualifies under Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act, and you require accommodations, please contact Disability Support Services for information on accommodations, registration and procedures. Call 205 934-4205 or visit [uab.edu/dss](http://uab.edu/dss).