**Mission**

To prepare occupational therapists and physical therapists to be effective, responsible, and reflective members of interprofessional teams in their areas of specialization and to be innovative leaders in practice.

**Program**

The program includes two specializations. The pediatric specialization emphasizes early intervention, school-based practice, and assistive technology. The orthopedic specialization emphasizes general adult orthopedics and rehabilitation. The program is available in a web-based format that utilizes distance education. Some courses include an on-campus component.

**Curriculum**

The DSc curriculum has four components: 1) core courses; 2) specialization courses; 3) cognate (outside area) courses; and 4) a research-oriented doctoral thesis. The cognate is intended to expand students' knowledge and skills in an area that is related to rehabilitation science and is relevant to a student's interests and goals, such as business, education, engineering, or neuroscience.

The program requires 67 hours for students with a professional bachelor's degree, 58 credits for students with a professional master's or doctoral degree, 49 credits for students with a post-professional master's degree in a related field, and 34 credits for students with a master of science in rehabilitation sciences degree from our program.

**Thoughts from Program Graduates:**

“For the first time I am comfortable mentoring those outside my discipline.”

“I enjoyed the interprofessional learning. Additionally, I enjoyed the opportunity to expand my professional development/growth in the program.”

To learn more about the program, please visit our website at: [http://alliedhealth.ouhsc.edu/ProspectiveStudents/AcademicPrograms/DScinRehabilitationSciences.aspx](http://alliedhealth.ouhsc.edu/ProspectiveStudents/AcademicPrograms/DScinRehabilitationSciences.aspx)

For more information regarding grant funding, contact Dr. Beth DeGrace: Beth-DeGrace@ouhsc.edu

**GRANT FUNDING AVAILABLE FOR ELIGIBLE STUDENTS**
Program Objectives

The Doctor of Science: (DSc) program is designed to prepare graduates who will:

- Integrate professional and health literature in practice and academic environments for educating and mentoring pre– and post-professional practitioners;
- Develop and evaluate programs in existing and emerging practice that promote health and wellness and prevent disability through a holistic approach;
- Lead systems change in practice through advocacy, policy, and service delivery.
- Serve as rehabilitation consultants in such areas as business, industrial, judicial, legislative, health care, and community settings in health, policy, and rehabilitation.

Contact Us

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“The focus on evidence-based practice, family-centered care, systems change is particularly exceptional. I feel the program is challenging me to change my practice for the better.”
- Program Graduate

DSc Faculty—Areas of Expertise & Research

Sandra Arnold, PT, PhD
School-based & outcomes measurement research, wellness

Elizabeth DeGrace, PhD, OTR/L, FAOTA
Family health & Autism Spectrum Disorders research, cancer rehab

Carol Dionne, PT, DPT, PhD, OCS, Cert MDT
Spine, limb loss, & work performance research

Shirley James, PT, PhD
Motor learning, biomechanics

Lynn Jeffries, PT, DPT, PhD, PCS
Children with CP research, early intervention

Thubi Kolobe, PT, PhD, FAPTA
Early intervention, human-robotic learning, and measurement research, program evaluation

Lorraine Sylvester, PT, PhD
Developmental disabilities, secondary/post-secondary transition, assistive technology

Jessica Tsotsoros, PhD, OTR/L, ATP
Assistive technology, wellness outcomes in mental health, educational research, international service

Hongwu Wang, PhD
Assistive technology, robotics and wearable sensors, outcomes management

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