

REHABILITATION SCIENCE

Program Information

Director: David D. Fuller

Graduate Coordinator: Laura Quintana

The interdisciplinary Ph.D. program in rehabilitation science is offered through the College of Public Health and Health Professions. Rehabilitation science describes those disciplines which focus on both basic and applied aspects of health science and services, the social sciences, and engineering as they relate to restoring human functional capacity and improving a person's interaction with the surrounding environment. An important point of emphasis is that rehabilitation science should encompass research ranging from molecular biology through population health. The program embraces a wide range of disciplines, and supports the view that collaboration is the best way to advance human health. Students work closely with their faculty mentor within three broad concentrations/emphasis areas: Neuromuscular Plasticity, Disability, Occupation and Participation Science, and Communication and Swallowing Sciences and Disorders. On successful completion of the program, graduates typically take positions in research universities and research centers. Requirements for the Ph.D. degree are provided elsewhere in this catalog.

Admissions decisions are determined by an interdisciplinary admissions committee. The program is a minimum of 90 credit hours of study beyond the bachelor's degree. The curriculum includes 10 credit hours in rehabilitation science application; 6 credit hours in rehabilitation science teaching; 13 graduate credits in research methods and statistics; 31 credit hours in research; 18 credit hours within the student's concentration/emphasis area; 12 credit hours of elective courses. Course work should be selected with guidance and approval from the faculty mentor and when applicable, the supervisory committee. Up to 30 credit hours may be transferred in from a master's degree program with the approval of the faculty mentor, supervisory committee, and steering committee.

For more information, including admissions requirements and deadlines, please see our website: <http://rehabsci.php.ufl.edu> (<http://rehabsci.php.ufl.edu/>).

Degrees Offered

Degrees Offered with a Major in Rehabilitation Science

- Doctor of Philosophy
 - without a concentration
 - concentration in Clinical and Translational Science
 - concentration in Communication and Swallowing Sciences and Disorders
 - concentration in Neuromuscular Plasticity

Requirements for these degrees are given in the Graduate Degrees (<http://gradcatalog.ufl.edu/graduate/degrees/>) section of this catalog.

Courses

Rehabilitation Sciences Courses

Code	Title	Credits
RSD 6110	Rehabilitation Science Theory and Application I	3
RSD 6401	Skeletal Muscle in Aging and Disease, and Implications for Rehabilitation	3
RSD 6410	Development and Evaluation of Rehabilitation Interventions to Promote Participation	3
RSD 6701	Matlab Foundations for Rehabilitation Science	3
RSD 6706	Scientific Writing for the Rehabilitation Professional	3
RSD 6710	Motor Control: Translating from Fundamental Research to Rehabilitation Practice	3
RSD 6718	Neuroplasticity: A Foundation for Neurorehabilitation	3
RSD 6900	College Classroom: Teaching Process and Practice	3
RSD 6905	Individual Work	1-4
RSD 6910	Supervised Research	1-5
RSD 6920	Rehabilitation Science Journal Club	1
RSD 6930	Special Topics in Rehabilitation Science	1-4
RSD 6938	Doctoral Seminar in Rehabilitation Science	1
RSD 6940	Supervised Teaching	1-3
RSD 7979	Advanced Research	1-12
RSD 7980	Research for Doctoral Dissertation	1-15

College of Public Health and Health Professions Courses

Code	Title	Credits
GEY 5935	Topics in Gerontology	3
GEY 6220	Overview of Geriatric Care Management	3
GEY 6306	Interpersonal Communication Within the Aging Network	3
GEY 6646	Issues and Concepts in Gerontology	3
GEY 6936	Professional Development in Gerontology/ Geriatrics	1-2
HSC 6905	Independent Study	1-3
HSC 6910	Supervised Research	1-5
HSC 6940	Supervised Teaching	1-5
PHC 6053	Regression Methods for the Health and Life Sciences	3
PHC 6120	Community Assessment and Partnerships	3
PHC 6193	Qualitative Data Analysis	3
PHC 6195	Health information for Diverse Populations: Theory & Methods	3
PHC 6316	Health, Risk, and Crisis Communication	3
PHC 6447	Ecology of HIV/Aids in the Rural South	3
PHC 6607	Critical Issues in Public Health	1
PHC 6917	Supervised Research Project	1-6
PHC 6945	Public Health Practicum	1-6
PHC 6946	Public Health Internship	1-9
PHC 7587	Theory Development and Testing in Behavioral & Community Public Health	2
PHC 7752	Seminar in Instrument Development for Public Health	2
PHC 7907	Social and Behavioral Science Journal Club	1
RCS 6036	Or to Forensic Vt P	3

RCS 6601	Forensic Rehabilitation Consultation I	3
RCS 6602	Forensic Rehabilitation Consultation II	3
RSD 6110	Rehabilitation Science Theory and Application I	3
RSD 6905	Individual Work	1-4
RSD 6910	Supervised Research	1-5
RSD 6930	Special Topics in Rehabilitation Science	1-4
RSD 6940	Supervised Teaching	1-3
RSD 7979	Advanced Research	1-12
RSD 7980	Research for Doctoral Dissertation	1-15

Student Learning Outcomes

Rehabilitation science

SLO 1 Skills

Conduct high quality rehabilitation research.

SLO 2 Knowledge

Display an understanding of the fundamental models and theories and principles underlying the discipline of Rehabilitation Science.

SLO 3 Professional Behavior

Display understanding of the ethics of research, and exhibit ethical research conduct.