

MASTER SCI REHABILITATION SCI (MSRS)

MSRS 505. Scientific Writing in Rehabilitation Science. (4 Credits)

This course is intended to provide international students with writing skills required for coursework in the Master of Science in Rehabilitation Science program. This course is designed to: increase knowledge of the writing, editing and proofreading processes; develop skills in organizing paragraphs and compositions; refine skills in creating and formatting standard documents in MS Word®; increase knowledge of the formatting standards of the American Psychological Association used at Concordia University Wisconsin; increase knowledge of acceptable writing style and common terminology in academics and research; increase understanding of plagiarism and related ethical issues; and develop skills in paraphrasing, summarizing, and connecting ideas.

MSRS 515. Evidence-Based Practice in Rehabilitation. (4 Credits)

This course is designed to help practicing international occupational and physical therapists acquire skills related to consuming rehabilitation research. Fundamental scientific inquiry skills related to searching electronic data bases, reading, understanding, and appraising the rehabilitation research literature for the purpose of evidence-based practice is emphasized. Students are exposed to basic concepts of research methodology and a review of conceptually-based statistics that further enhances skills with consuming the scientific literature. Students will practice reading and critiquing professional literature.

MSRS 550. Adult Neurological Conditions and Practice. (4 Credits)

This course will provide a common basis of scientific knowledge associated with practice in the area of adult neurological conditions. This will include information on the following: 1) assessment, 2) interventions, 3) theoretical basis of assessments and interventions, 4) anatomy and physiology, 5) differential diagnosis and imaging, and 6) evidence-based practice.

Prerequisite: MSRS 505.

MSRS 560. Pediatric Conditions and Practice Environments. (4 Credits)

The Pediatric Conditions and Practice Environments preceptorship is designed to provide an introduction to internationally trained therapists to the practice of pediatric occupational and physical therapy in the United States and to the most up to date pediatric rehabilitation standards internationally. The students will apply critical reading and appraisal skills by reviewing the literature supporting or questioning various rehabilitation techniques used with children.

MSRS 610. Industrial Rehabilitation and Practice Environments. (4 Credits)

This course is designed to help practicing international occupational and physical therapists acquire knowledge related to the practice of industrial rehabilitation. This course is designed to introduce students to work-related musculoskeletal injuries, basic ergonomic and prevention principles, job analysis, functional evaluation, work conditioning, work hardening, and worker's compensation insurance within both industrial and office environments. The student will apply critical reading and appraisal skills learned in their evidence-based practice class through an epidemiological review.

MSRS 620. Gerontology Conditions and Practice Environments. (4 Credits)

The course will provide a common basis of scientific knowledge associated with practice in the area of gerontology. This will include information on the following: 1) assessment; 2) theoretical basis of assessment and intervention; 3) performing clinical interventions; 4) anatomy and kinesiology; 5) differential diagnosis and imaging; 6) management issues such as billing procedures, state and federal regulations of practice, policies unique to practice areas, disability models; and 7) evidence-based practice.

Prerequisite: MSRS 505.

MSRS 630. Adult Orthopedic Conditions and Practice Environments. (4 Credits)

This course will provide a common basis of scientific knowledge associated with practice in the area of adult neurological conditions. This will include information on the following: 1) assessment; 2) theoretical basis of assessment and intervention; 3) interventions; 4) anatomy and kinesiology; 5) differential diagnosis and imaging; 6) management issues such as billing procedures, state and federal regulations of practice, policies unique to practice areas, disability models; and 7) evidence-based practice.

MSRS 650. Research Project and Applications in International Practice. (4 Credits)

Course Description: This course is designed to prepare the students to be good consumers of research and develop the skills to complete a basic research project and apply concepts gained in the MSRS Program to practice as they return to their home country. Students will develop two poster presentations as outcomes in the course. One poster will give basic information about current practice in their home country, their goals in completing the MSRS Program, and plans for practice as they return to their home country. The second poster will present their research project and will include the purpose of the study, background regarding importance of the study, methods, results, and discussion.

Prerequisite: MSRS 505.