

# REHABILITATION MEDICINE (REHB)

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## Courses

### **REHB 4000. Special Topic. 4 Credit Hours.**

Brain Injury Rehabilitation rotation will enable students to obtain experiences in the neurologic rehabilitation of persons with brain injury. Brain injury etiologies treated include traumatic brain injury, encephalopathy secondary to metabolic, toxic, and anoxic insults, aneurismal and AVM bleeds and occasional strokes. The rotation will involve significant neuromedical and rehabilitative involvement with inpatient care, brain injury consult service, outpatient care, and, as appropriate with care of low level brain injury patients.

### **REHB 4001. Clinical Rehabilitation Medicine. 4 Credit Hours.**

This course is especially recommended for students planning to specialize in Family Practice, Neurology, Neurosurgery, Orthopaedics, Internal Medicine, or Rheumatology. The student will have the opportunity to participate in patient-care activities and limited exposure to electrodiagnostic procedures under the direct supervision of faculty and residents. The student will have exposure to Rehabilitation Medicine from an outpatient and consultative perspective and is required to attend teaching conferences, lectures, rounds, etc. (University Hospital and/or VA Hospital). No late drops will be accepted.

### **REHB 4002. Introductory Inpatient Rehabilitation. 4 Credit Hours.**

This course is especially recommended for students planning to specialize in Family Practice, Neurology, Neurosurgery, Orthopaedics, Plastic Surgery, ENT, Internal Medicine or Rheumatology. The course will provide in-depth exposure to inpatient rehabilitation and the major rehabilitation areas. The course will include experience in diagnosis and comprehensive rehabilitation management of inpatients with strokes, spinal cord injuries, neurologic disorders, rheumatoid arthritis, amputations, chronic pain, and other major disabling conditions. The student must attend teaching conferences, lectures, and rounds. This selective will be tailored to specific student interest. Comprehensive work-ups and close follow-up of patients will be required (University Hospital). No late drops will be accepted.

### **REHB 4003. Intro Pediatric Rehabilitation. 4 Credit Hours.**

This course is especially recommended for students planning to specialize in Pediatrics or Family Medicine. The course includes inpatient and outpatient experience emphasizing comprehensive team rehabilitation of children with spina bifida, childhood spinal cord injury, cerebral palsy, brain damage in childhood, juvenile rheumatoid arthritis, and other chronic disabling diseases of childhood and adolescence. The student must participate in patient care under supervision of faculty and residents and attend teaching conferences. This course includes exposure to adults with congenital conditions and mental retardation (Christus Santa Rosa Children's Hospital and University Hospital). No late drops will be accepted.

### **REHB 4005. Combined Rehabilitation. 4 Credit Hours.**

The course is required for students planning to specialize in Physical Medicine and Rehabilitation and recommended for those desiring a broad Rehabilitation Medicine exposure. The course will provide an overview of the specialty of PM&R allowing faculty/resident-supervised participation in patient care activities related to Rehabilitation Medicine consultations, electrodiagnostic procedures, Inpatient Rehabilitation, and Pediatric Rehabilitation. Students must also attend teaching conferences, clinics, lectures, rounds, etc. (University Hospital, VA Hospital, Christus Santa Rosa Children's Hospital). No late drops will be accepted.

### **REHB 4006. Intro Spinal Cord Injury. 4 Credit Hours.**

This course is especially recommended for students planning to specialize in Family Practice, Neurosurgery, Neurology, Orthopaedics, Internal Medicine, and Plastic Surgery. This rotation will provide the student with the opportunity to actively participate in the management of patients who have sustained a spinal cord injury. Working in a state-of-the-art spinal cord injury facility, students are required to participate in treating patients in virtually all aspects of their injury, from acute care, to rehabilitation evaluation and treatment, to eventual discharge and outpatient follow-up. Students must become an integral part of an interdisciplinary team under the supervision of faculty and residents (VA Hospital and/or University Hospital). No late drops will be accepted.

### **REHB 4007. Hyperbaric Medicine & Wound Care. 4 Credit Hours.**

This course is designed to introduce the student to the principles of wound care, advanced wound therapies, and hyperbaric medicine. The student will have the opportunity to observe monoplace and multiple hyperbaric medicine treatments; will review theory of the use of hyperbaric in the 14 UHMS approved therapies. Complication and controversies of HBO use will be discussed in lecture format. The student is required to review common wound problems, diabetes infection, nutrition, venous stasis, and arterial insufficiency. Advanced treatment modalities will be observed and reviewed - wound vac, collagen, apligraf, OASIS, debriding agents. (University Center for Community Health {Texas Diabetes Institute}). No late drops will be accepted.

### **REHB 4008. Rehabilitation Engineering. 4 Credit Hours.**

This course is especially recommended for students planning to specialize in Family Practice, Neurology, Neurosurgery, Orthopaedics, Internal Medicine, or Rheumatology. The student will have the opportunity to participate in patient-care activities and have limited exposure to orthotics, prosthetics, and pedorthotics procedures under the direct supervision of faculty and residents. The student will have exposure to Rehabilitation Medicine from an outpatient/inpatient perspective and is required to attend clinics to experience comprehensive rehabilitation management of inpatients with strokes, spinal cord injuries, neurologic disorders, rheumatoid arthritis, amputations, and other major disabling conditions requiring orthoses, prosthetics, and pedorthotics. The student will have exposure to the gait lab to experience research and an understanding of gait. {University Hospital and University Center for Community Health (Texas Diabetes Institute)}. No late drops will be accepted.

### **REHB 4009. Polytrauma. 4 Credit Hours.**

This course is recommended for students planning to specialize in PM&R, Neurosurgery, Neurology, Emergency Medicine, Orthopedics, Family Medicine or Internal Medicine. This course will enable students to obtain experiences in the neurologic rehabilitation of persons with brain injury, which includes traumatic brain injury and encephalopathy secondary to metabolic, toxic and anoxic etiologies.

### **REHB 7000. Off Campus. 4 Credit Hours.**

All off campus rotations must be approved by the designated faculty member prior to the beginning of the rotation (at least one week before the course begins). Credit will not be given for any rotation that has not been approved in advance. Required paperwork includes: "Course Approval" form, a written letter or email for acceptance form the physician preceptor with the start and end dates of the course/rotation, and a course description of your learning objectives and responsibilities during the rotation. Forms must include a complete address and telephone number for the off campus location or residence address for the student while at the off campus site. Forms will not be approved after the rotation has already begun. Contact the department for assistance with enrolling in this course.