

# PHYSICAL MEDICINE & REHABILITATION (PMR)

School of Medicine

## PMR 100 – Research Approaches to Disability & Rehabilitation (2 units)

*Course Description:* Discussion and evaluation of research approaches to medical rehabilitation, community integration, and quality of life of disabled persons, with a focus on the progressive disabilities associated with neuromuscular diseases. Intent is to encourage interest in professions that serve the disabled community and increase awareness of rehabilitation goals.

*Learning Activities:* Lecture/Discussion 2 hour(s).

*Grade Mode:* Letter.

## PMR 198 – Directed Group Study (1-5 units)

*Course Description:* Directed group study.

*Prerequisite(s):* Consent of instructor; advanced standing.

*Learning Activities:* Variable.

*Grade Mode:* Pass/No Pass only.

## PMR 199 – Special Study for Advanced Undergraduates (1-5 units)

*Course Description:* Special study for advanced undergraduates.

*Prerequisite(s):* Consent of instructor; advanced standing.

*Learning Activities:* Variable.

*Grade Mode:* Pass/No Pass only.

## PMR 299 – Research (1-12 units)

*Course Description:* Research.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Variable.

*Grade Mode:* Satisfactory/Unsatisfactory only.

## PMR 405 – Healthy Living: Leading by Example (1.5 units)

*Course Description:* Improve the physical and mental health of participating students while supplementing their medical education with specific concepts.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Lecture 4 hour(s), Discussion 2 hour(s), Laboratory 4 hour(s), Clinical Activity 1 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/Fail only.

## PMR 405A – Healthy Living: Leading by Example (1 unit)

*Course Description:* Improve the physical and mental health of participating students while supplementing their medical education with specific concepts.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Lecture 4 hour(s), Discussion 2 hour(s), Laboratory 4 hour(s), Clinical Activity 1 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/Fail only.

## PMR 405B – Healthy Living: Leading by Example (0.5 units)

*Course Description:* Improve the physical and mental health of participating students while supplementing their medical education with specific concepts.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Lecture 4 hour(s), Discussion 2 hour(s), Laboratory 4 hour(s), Clinical Activity 1 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Pass/Fail only.

## PMR 421 – Introduction to Sports Medicine (1 unit)

*Course Description:* Introduction to basic concepts of Sports Medicine in Physical Medicine & Rehabilitation. Students attend afternoon clinic with Sports Medicine attending; attend lectures focusing on Sports Medicine topics. Students also eligible to cover sporting events with attending physicians where available.

*Learning Activities:* Lecture 1 hour(s), Clinical Activity 4 hour(s), Fieldwork.

*Grade Mode:* Pass/Fail only.

## PMR 440 – Introduction to Rehabilitation Medicine (3 units)

*Course Description:* Rehabilitation and comprehensive care of physically disabled and physical medicine management of neurologic, neuromuscular and musculoskeletal disorders. Emphasis on evaluation and conservative treatment of spinal disorders, sports injuries and neuromuscular disease. Additional emphasis on inpatient rehabilitation, pediatrics, spine or sports possible.

*Prerequisite(s):* IMD 430; SUR 430; consent of instructor.

*Learning Activities:* Clinical Activity 36 hour(s), Lecture/Discussion 4 hour(s).

*Grade Mode:* Honors/Pass/Fail.

## PMR 461 – Comprehensive Rehabilitation Medicine (6 units)

*Course Description:* Four-week rotation designed as broad overview of Physical Medicine & Rehabilitation practice for students interested in residency training in the specialty. Emphasis on evaluation and conservative treatment of spinal disorders, sports injuries, neuromuscular disease, neurological and non-operative orthopedic problems requiring rehabilitative management.

*Prerequisite(s):* IMD 430; SUR 430; consent of instructor.

*Learning Activities:* Clinical Activity 36 hour(s), Lecture/Discussion 4 hour(s).

*Repeat Credit:* May be repeated for credit.

*Grade Mode:* Honors/Pass/Fail.

## PMR 462 – Rehabilitation Medicine Clinical Elective (5-18 units)

*Course Description:* Emphasis on evaluation of patients with neurological or orthopaedic problems requiring rehabilitative techniques for their management. Introduction to management of such patients. Physical Medicine & Rehabilitation at off-campus facility must be approved by Chairperson.

*Prerequisite(s):* IMD 430; SUR 430; and consent of instructor; completion of third-year in Medical School.

*Learning Activities:* Clinical Activity.

*Grade Mode:* Honors/Pass/Fail.

### **PMR 463 – Pediatric Rehabilitation Medicine: Caring for Developmental Disabilities (3-6 units)**

*Course Description:* Clerkship. Participate in the outpatient clinical care of children with a wide variety of medical conditions at Shriner's Hospitals for Children. Rotate through a variety of different outpatient clinics including cerebral palsy, neuromuscular disease, limb difference, spinal cord injury, spina bifida, brachial plexus, and sports medicine.

*Learning Activities:* Variable.

*Grade Mode:* Honors/Pass/Fail.

### **PMR 470 – Away Acting Internship in Physical Medicine & Rehabilitation (3-6 units)**

*Course Description:* AI Externship option for PM&R rotations at other institutions.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Clinical Activity.

*Repeat Credit:* May be repeated.

*Grade Mode:* Honors/Pass/Fail.

### **PMR 493 – Applied Musculoskeletal Anatomy: Sports & Spine SSM (6 units)**

*Course Description:* This four-week module will review the anatomy and biomechanics of the musculoskeletal system as well as its associated pathology. The students will be instructed on appropriate musculoskeletal exam techniques and logical approach to the patient in the clinical setting.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Lecture 5 hour(s), Lecture/Lab 10 hour(s), Laboratory 16 hour(s), Clinical Activity 4 hour(s).

*Enrollment Restriction(s):* Restricted to UC Davis School of Medicine students only.

*Grade Mode:* Honors/Pass/Fail.

### **PMR 494 – Applied Musculoskeletal Anatomy: Sports & Spine (3-6 units)**

*Course Description:* Review of the anatomy and biomechanics of the musculoskeletal system as well as its associated pathology. Instruction on appropriate musculoskeletal exam techniques and logical approach to the patient in the clinical setting.

*Learning Activities:* Variable.

*Grade Mode:* Pass/Fail only.

### **PMR 498 – Advanced Group Study (1-5 units)**

*Course Description:* Study and experience for medical students in any of a number of areas in physical medicine and rehabilitation.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Variable.

*Grade Mode:* Honors/Pass/Fail.

### **PMR 499 – Research for Medical Students (1-12 units)**

*Course Description:* Research on any of a variety of topics in physical medicine and rehabilitation.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Variable.

*Repeat Credit:* May be repeated.

*Grade Mode:* Honors/Pass/Fail.