PT 700 Multisystem Pathokinesiology (Units: 4)
Prerequisites: Restricted to graduate Physical Therapy students; PT 201, PT 202, PATH 135.

An integrated approach to the pathological, anatomical, evaluation, treatment and management considerations related to patients with multisystems dysfunctions, with a focus on physical therapy practice in the acute care environment. Long-term management, adaptive equipment/procedures, and preventative aspects of care are also discussed. Classwork, 2 units; laboratory, 2 units. (Plus-minus letter grade; no CR/NC allowed; RP)

PT 701 Neurological Pathokinesiology I (Units: 4)
Prerequisite: Restricted to graduate Physical Therapy students.

Pathokinesiological and neuromotor principles applied to physical therapy assessment and intervention for neurological dysfunction; physical rehabilitation of adults with neurological impairments, limitations, and disability from trauma, tumors, vascular problems, infectious or degenerative diseases. Classwork, 2 units; laboratory, 2 units. (Plus-minus letter grade only)

PT 706 Structure, Function and Motion in Physical Therapy (Units: 2)
Prerequisite: Admission into the MS-DPT program.

Combine knowledge of human anatomy with basic structural and kinesiological principles to understand normal functional motion of the spine, trunk, and extremities in preparation for the analysis of abnormal human motion in the Neuromusculoskeletal Pathokinesiology PT course series. Classwork, 1 unit; laboratory, 1 unit. (Plus-minus letter grade only)

PT 710 Neurological Pathokinesiology I (Units: 4)
Prerequisite: Restricted to graduate Physical Therapy students.

Pathokinesiological and neuromotor principles applied to physical therapy assessment and intervention for neurological dysfunction; physical rehabilitation of adults with neurological impairments, limitations, and disability from trauma, tumors, vascular problems, infectious or degenerative diseases. Classwork, 2 units; laboratory, 2 units. (Plus-minus letter grade only)

PT 711 Neurological Pathokinesiology II (Units: 3)
Prerequisites: Restricted to graduate Physical Therapy students; PT 710.

Pathokinesiological and neuromotor principles applied to examination, evaluation, diagnosis, prognosis, plan of care and intervention of neurological dysfunction in pediatric patients. Includes dysfunction from trauma, congenital defects, and degenerative diseases. Classwork, 2 units; laboratory, 1 unit. (Plus-minus letter grade only)

PT 720 Cardiopulmonary Pathokinesiology (Units: 2)
Prerequisite: Restricted to graduate Physical Therapy students.

Assessment and treatment of kinesiological/physiological dysfunction of cardiac and pulmonary systems. Physical rehabilitation or training for cardiac and/or pulmonary limitations arising from trauma, disease, congenital defect, or lifestyle. Classwork, 1 unit; laboratory, 1 unit. (Plus-minus letter grade only)

PT 735 Psychosocial Issues in Rehabilitation Sciences, Part I (Units: 2)
Prerequisite: Restricted to graduate Physical Therapy students.

Exploration of one's individual biases, values, and judgments of psychosocial factors that influence patient and physical therapist interactions; identifying key psychosocial issues and providing intervention and support services where appropriate. (Plus-minus letter grade only)

PT 736 Ecological and Organizational Issues in Rehabilitation (Units: 3)
Prerequisite: Restricted to graduate Physical Therapy students.

Cultural, environmental, and legislative issues affecting accessibility of physical therapy and related services. Sociocultural issues relative to quality of health as a right; influences of political and fiscal climates on trends in models of health care delivery. (Plus-minus letter grade only)

PT 742 Musculoskeletal Pathokinesiology II (Units: 3)
Prerequisites: Restricted to graduate Physical Therapy students; PT 741.

Pathokinesiological and neuromotor principles applied to physical therapy assessment and intervention for musculoskeletal disorders; physical rehabilitation or training for cardiac and/or pulmonary limitations arising from trauma, disease, congenital defect, or lifestyle. Classwork, 2 units; laboratory, 2 units. (Plus-minus letter grade only)

PT 743 Musculoskeletal Pathokinesiology III (Units: 3)
Prerequisites: Restricted to graduate Physical Therapy students; PT 741, PT 742.

Assessment and therapeutic techniques in management of complex patients with musculoskeletal problems. Evaluation and application of research. Problem-solving. Patient presentation; evaluation of new techniques. Classwork, 2 units; laboratory, 1 unit. (Plus-minus letter grade only)
PT 801 Clinical Clerkship I (Units: 6)  
Prerequisites: Restricted to graduate Physical Therapy students; successful completion of year 1 coursework with minimum GPA of 3.0; full-time 8 week clinical affiliation.  
Students participate in patient care, attend clinic meetings and seminars, present an in-service, write personal clinical goals, and reflections. (CR/NC only, RP)

PT 802 Clinical Clerkship II (Units: 6)  
Prerequisites: Restricted to graduate students in Physical Therapy; successful completion of year 2 coursework with minimum GPA of 3.0; full-time 8 week clinical affiliation.  
Students participate in patient care, attend clinic meetings and seminars, present an in-service, submit case reports, and write personal clinical goals, and reflections. (CR/NC only, RP)

PT 803 Clinical Clerkship III (Units: 6)  
Prerequisites: Restricted to graduate Physical Therapy students; successful completion of year 2 coursework with minimum GPA of 3.0.  
Full-time 8 week clinical affiliation. Students participate in patient care, attend clinic meetings and seminars, present an in-service, submit case reports, and write personal clinical goals, and reflections. (CR/NC only, RP)

PT 890 Research Seminar in Physical Therapy (Units: 3)  
Prerequisites: Restricted to graduate Physical Therapy students; PT 253.  
Research designs, problem-solving, methodologies, and data analysis for specific topics in basic and clinical physical therapy research. Implementation of one facet of an ongoing project, under guidance of the principal investigator. (CR/NC only)

PT 899 Independent Study (Units: 1-3)  
Prerequisites: Restricted to graduate students in Physical Therapy; consent of major adviser and supervising faculty member.  
Independent study or research planned, developed, and completed under the direction of a faculty member. Open only to graduate students who have demonstrated ability to do independent work. May be repeated for a total of 6 units.

PT 908 Professional Colloquium (Unit: 1)  
Prerequisites: Admission to DPT program and PT 208 (UCSF).  
Topics relative to evidence based PT practice: ethics, human subjects, research, authorship, scientific writing; and to professional issues: legislation, direct access to PT services, and reimbursement for services. (Plus-minus letter grade only)

PT 910 Evidence Based Practice (Units: 4)  
Prerequisites: Restricted to graduate Physical Therapy students; successful completion of PT 209 or the equivalent; or consent of instructor.  
Students will continue the evidence-based review they started in PT 209, performing a meta analysis to answer their own research question. Students will present their findings orally and in a publication-style manuscript for the DPT culminating experience. (Plus-minus letter grade only)