

120. Professional Orientation (1)

An introduction to the professional practice of physical therapy, including roles and functions within the health care delivery system and professional responsibilities.

121. Patient Management Skills (3)

Selected theory and clinical application of therapeutic modalities and procedures in the treatment of physical disabilities, including physical agents, exercise, and massage. (2 lecture, 3 lab hours)

123. Introduction to Supervision for Physical Therapy Services (1)

Prerequisite: PH TH 120. Principles of delegation of duties in provision of physical therapy services. Study of the role of the staff therapist in provision of health care services. (Formerly PH TH 143)

124. Research Methods in Physical Therapy (2)

Prerequisite: H S 92 or MATH 11. Study of research design and critical reading of research literature.

125. Anatomy of the Axial Skeleton (4)

Prerequisites: PH TH 119, PHY AN 65. Study of the structure, function and biomechanics of the neuro-musculoskeletal systems with emphasis on spine, pelvis, thoracic/peritoneal, visceral and temporomandibular joint. Includes dissection lab and prosected material. (3 lecture, 3 dissection lab hours) (Instructional materials fee, \$35)

126. Applied Pathophysiology (3)

Prerequisite: PHYAN 65. Advanced study of physiology of body systems and responses to normal aging, environmental influences, and pathological dysfunction. Includes cardiovascular, pulmonary, endocrine, and integumentary systems with introduction to skeletal, muscular, and neurological systems.

127. Neuromuscular Processes in Human Development and Aging (3)

The study of human development from birth to senescence with focus on concepts of motor and neurological development processes integral to evaluation and treatment intervention in neurological disability.

128. Applied Human Anatomy and Biomechanics of the Neuromusculoskeletal System (2)

Prerequisite: PH TH 125. Open to physical therapy majors only. Study of the structure, function and biomechanics of neuromusculoskeletal systems with emphasis on joints, spine, and gait. Includes dis-

section lab and prosected materials. (1 lecture, 3 dissection lab hours) (Instructional materials fee, \$35) (Formerly PH TH 116)

130. Evaluation and Clinical Management of Musculoskeletal Conditions I (4)

A study of musculoskeletal disabilities with emphasis on evaluation techniques, methods of therapeutic intervention, and program planning. Includes selected lectures by medical practitioners in the medical-surgical management of orthopedic conditions. (3 lecture, 3 lab hours) 131. Evaluation and Clinical Management of Musculoskeletal Conditions II (4) Prerequisite: PH TH 130. A continuation of Evaluation and Clinical Management of Musculoskeletal Conditions I. (3 lecture, 3 lab hours)

131. Evaluation and Clinical Management of Musculoskeletal Conditions II (4)

Prerequisite: PH TH 130. A continuation of Evaluation and Clinical Management of Musculoskeletal Conditions I. (3 lecture, 3 lab hours)

132. Evaluation and Clinical Management of Neurological Systems I (3)

A study of neurological disabilities in therapeutic intervention and program planning. Includes selected lectures by medical practitioners in the medical-surgical management of neurological conditions. (2 lecture, 3 lab hours)

133. Evaluation and Clinical Management of Neurological Systems II (3)

Prerequisite: PH TH 132. Continuation of Evaluation and Clinical Management of Neurological Systems I. (2 lecture, 3 lab hours)

134. Evaluation and Clinical Management of Selected Body Systems (3)

Evaluation and therapeutic intervention in the clinical management of normal and pathological conditions of the cardiopulmonary and other selected body systems. (2 lecture, 3 lab hours)

142. Concepts of Patient Compliance (3)

Study of theories and concepts which influence patient management effectiveness and compliance.

151. Clinical Lab I (2)

Prerequisite: PH TH 121. Clinical experience under the direct supervision of academic faculty in selected hospitals. *CR/NC* grading only.

152. Clinical Lab II (2)

Prerequisite: PH TH 151. The application of physical therapy skills and procedures in selected hospitals. *CR/NC* grading only.

175. Postbaccalaureate Clinical Internship (12)

Prerequisite: PH TH 152. Final clinical experience for majors. The internship is 18 weeks of clinical experience at selected hospital settings throughout the state. Certification of internship completion is required before the graduate is eligible to take the state examination for licensure. *CR/NC* grading only.

180T. Topics in Physical Therapy (1-3; max total 12 if no topic repeated)

Prerequisite: permission of instructor. Advanced techniques in physical therapy and new trends relating to the care of patients.

190. Independent Study (1-3; max total 6)

See *Academic Placement — Independent Study*. Approved for *SP* grading.

**GRADUATE COURSES
Physical Therapy (PH TH)****200. Advanced Anatomy and Pathokinesiology (4)**

Prerequisites: PH TH 125, 128. Investigation of concepts of biophysics, analysis of normal and abnormal movement. Includes dissection of lab and prosected materials. (3 lecture, 3 dissection lab hours) (Instructional materials fee, \$35)

201. Advanced Evaluation and Clinical Management of Cardiopulmonary Dysfunction (3)

Prerequisite: PH TH 126, 134. Investigation and analysis of evaluation and therapeutic intervention in the clinical management of the cardiovascular/pulmonary system. (2 lecture, 3 lab hours)

203. Advanced Evaluation and Clinical Management of Special Orthopedic Problems (3)

Prerequisites: PH TH 131, 200. Advanced specialized approaches to musculoskeletal disabilities with emphasis on evaluation techniques, therapeutic intervention and program planning for the patient with selected orthopedic problems. (2 lecture, 3 lab hours)