

## Physical Therapy

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### 204. Advanced Evaluation and Clinical Management of Special Neurological Problems (3)

Prerequisites: PH TH 127, 133. Advanced specialized approaches to neurological disabilities with emphasis on evaluation techniques, therapeutic intervention and program planning for the patient with selected neurologic problems. (2 lecture, 3 lab hours)

### 221. Seminar in Clinical Decision Making I (2)

Use of decision analysis and case management theory to master concepts in clinical decision making. Analysis and research of patient problems, synthesis of physical therapy theory and integration of cultural, psychosocial, and community resources to formulate treatment consistent with contemporary practice.

### 222. Seminar in Clinical Decision Making II (1)

Prerequisite: PH TH 221. Continuation of Seminar in Clinical Decision Making I.

### 223. Seminar in Clinical Decision Making III (1)

Prerequisite: PH TH 222. Continuation of Seminar in Clinical Decision Making II.

### 226. Electrophysiologic Approaches to Patient Care (3)

Prerequisites: PH TH 121, 126; PHYAN 140. Exploration of advanced theories and principles related to the clinical use of electrophysiologic modalities. Includes electroneuromuscular stimulation for motor performance, nerve function, pain management and tissue repair. (2 lecture, 3 lab hours)

### 231. Seminar in Health Care Issues I (2)

Investigation and discussion of the health care delivery system and its impact on the delivery of physical therapy services.

### 232. Seminar in Health Care Issues II (2)

Prerequisite: PH TH 231. Investigation and discussion of administration and organization of physical therapy services in the health care delivery system.

### 240. Advances in Orthopedic Physical Therapy I (2)

Prerequisite: PH TH 203 or permission of instructor. Exploration of treatment of orthopedic problems.

### 241. Advances in Physical Therapy II (2)

Prerequisite: PH TH 240 or permission of instructor. A continuation of Advances in Orthopedic Physical Therapy I.

### 242. Advanced Clinical Anatomy I (2)

Prerequisite: PH TH 200 or permission of instructor. Exploration of clinical application of anatomical structures of joints.

### 243. Advanced Clinical Anatomy II (2)

Prerequisite: PH TH 242 or permission of instructor. A continuation of Advanced Clinical Anatomy I.

### 244. Advances in Management of the Aging Population (2)

Prerequisite: PH TH 127 or permission of instructor. Exploration of special approaches and considerations of intervention of conditions of aging.

### 245. Advances in Management of the Neurological Patient (2)

Prerequisite: PH TH 204 or permission of instructor. Exploration of advanced multi-system treatment approaches in neuro-rehabilitation.

### 246. Management Strategies for Independent Practice (2)

Prerequisite: permission of instructor. Exploration of strategies for developing and maintaining a physical therapy service in an independent environment.

### 247. Sports Injuries (2)

Prerequisite: PH TH 200 or permission of instructor. Exploration in advances in management of sports injuries.

### 248. Advances in Cardiac Rehabilitation (2)

Prerequisite: PH TH 201 or permission of instructor. Exploration of the components of implementing and maintaining multilevels of cardiac rehabilitation and the management of patients with cardiac disease.

### 249. Contemporary Issues in Delivery of Physical Therapy Services (2)

Prerequisite: permission of instructor. Exploration of emerging trends and issues in contemporary physical therapy practice.

### 251. Advanced Clinical Practicum I (2)

Clinical practice in selected health care facilities throughout the state. *CR/NC* grading only.

### 252. Advanced Clinical Practicum II (2)

Prerequisite: PH TH 251. Clinical practice in patient evaluation, treatment planning, and outcome evaluation in a variety of clinical settings located throughout the state. *CR/NC* grading only.

### 253. Advanced Clinical Practicum III (2)

Prerequisite: PH TH 252. Continuation of Advanced Clinical Practicum II. *CR/NC* grading only.

### 275. Postgraduate Clinical Internship (12)

Prerequisite: PH TH 253. Final experience for majors. The internship is 18 weeks of clinical experience at selected facilities 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.

### 290. Independent Study (1)

Supervised guidance for students who wish to do additional work on research. Approved for *SP* grading.

### 292A. Advanced Physical Therapy Research: Problem Formulation and Method (3)

Explores advanced topics in physical therapy research including conceptualization, operation utilization, design and sampling strategies. It allows students to prepare a proposal for an independently pursued, empirically based research project.

### 292B. Advanced Physical Therapy Research: Data Collection and Analysis (3)

Prerequisite: PH TH 292A. Examines advanced strategies for physical therapy research data collection and analysis. Students are able to independently collect data, analyze it and report findings from a research project.

## IN-SERVICE COURSE

(See *Course Numbering System*.)

### **Physical Therapy (PH TH)**

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### 302T. Topics in Physical Therapy (1-6; repeatable with different topics)

Selected topics in physical therapy for practicing clinicians in the health fields.