

**THE GRADUATE SCHOOL -- UNIVERSITY OF RHODE ISLAND
CURRICULAR REPORT FROM THE GRADUATE COUNCIL TO THE
FACULTY SENATE**

REPORT NO. 4, 2008-2009; 25 NOVEMBER 2008

At meeting No. 431 held 24 November 2008, the Graduate Council considered and approved the following curricular matters which are now submitted to the Faculty Senate for information or confirmation as indicated.

I. Matters of Information

- 1) College of the Human Science and Services
Department of Physical Therapy

PHT 500 Human Anatomy and Histology – change in credits from 4 to 5 (note: Lec. 4, Lab 1).

PHT 501 Applied Human Anatomy Laboratory – change in credits from 4 to 3, and change in description and prerequisites to read:
Surface anatomy, palpation, introduction to forces and torques, stretching and strengthening. Pre: PHT 500 and first year standing in DPT, or permission of Chair

PHT 510 Biomechanics and Pathokinesiology– change in prerequisites to read:
Pre: PHT 500 and first year standing, or permission of Chair

PHT 511 Human Neuroscience and Neurology– change in prerequisites to read:
Pre: Second year standing in DPT or permission of Chair.

PHT 512 Physical Examination & Evaluation– change in title, credits, prerequisites, and description to read:

PHT 512 Physical Examination & Evaluation I (4)

This course provides students with basic skills for physical examination and evaluation in the provision of physical therapy. Focus will be on strength testing, range of motion, posture, sensation, and functional mobility. (Lec. 4) Pre: PHT 500 and first year standing in DPT, or permission of Chair.

PHT 518 Communication Issues in Physical Therapy– change in title, credits, prerequisites, and description to read:

PHT 518 Communication and Education in Physical Therapy (3)

Topics include teaching in classroom and clinic, psychomotor skills and home exercise programs; increasing patient adherence; and community health. Communication development focuses on verbal/non-verbal, conflict management, assertiveness. (Lec. 3) Pre: Second year standing in DPT or permission of Chair

PHT 520 Physiological & Pathophysiological Basis of PT– change in title, credits, prerequisites, and description to read:

PHT 520 Medical Management of Disease I (2)

Physiological systems, methods of diagnosis and rationale for physical therapists interventions . Topics include physiology of pain, inflammation, healing, impact of exercise and common conditions on the vascular, musculoskeletal, metabolic, and endocrine systems. (Lec. 2) Pre: PHT 500 and first year standing in DPT, or permission of Chair.

PHT 532 Clinical Electrophysiology and Physical Agents– change in title, credits, and description to read:

PHT 532 Physical Agents I (2)

Theory, practice, and current research regarding application of physical agents. Diagnostic methods, interventions, and personnel supervision and administration of mechanical, thermal, and hydrotherapeutic agents. (Lec. 2) Pre: First year standing in DPT or permission of Chair.

PHT 538 Management/Administration– change in prerequisites to read: second year standing in DPT or permission of Chair.

PHT 544 Women's Health in PT– change in title, credits, and description to read:

PHT 544 Health Promotion in PT (4)

Presents physical therapists' role in wellness and health promotion across gender, systems, and the lifespan. (Lec. 4) Pre: Third year standing or permission of Chair

PHT 560 Neuromuscular Therapeutics– change in prerequisites to read: Second year standing in DPT or permission of Chair.

PHT 570 Cardiopulmonary Physical Therapy– change in credits from 5 to 4, and change in prerequisites to read: Second year standing in DPT or permission of Chair.

PHT 575 Physical Therapy Internship I– change in credits from 5 to 4.

PHT 580 Pediatric Physical Therapy– change in credits, prerequisites, and description to read:

PHT 580 Pediatric Physical Therapy (2)

Physical Therapy assessment, care planning, and treatment of the pediatric population in diverse practice settings. Some hands-on experience with infants and

children with a variety of diagnoses. (Lec. 2) Pre: PHT 511 and third year standing in DPT, or permission of Chair.

PHT 585 Physical Therapy Internship II– change in credits from 5 to 4.

PHT 595 Physical Therapy Internship III– change in credits from 5 to 4.

PHT 610 Evidence-based Inquiry I– change in credits from 1 to 1-3, and change in prerequisites to read: Pre: PHT 600 or permission of Chair.

PHT 615 Differential Diagnosis – delete course.

PHT 630 Evidence-based Inquiry III – change in credits from 1 to 1-3, and change in prerequisites to read: Pre: PHT 620 or permission of Chair.

PHT 640 Evidence-based Inquiry IV – change in credits from 1 to 1-3, and change in prerequisites to read: Pre: PHT 630 or permission of Chair.

PHT 655 Diagnostic Imaging– change in credits from 3 to 2, and change in prerequisites to read: Pre: PHT 500 and first year standing in DPT, or permission of Chair.

PHT 672 Pharmacology for Physical Therapists– change in credits from 3 to 2, and change in prerequisites to read: Pre: Second year standing in DPT or permission of Chair.

II. Curricular Matters Which Require Confirmation by the Faculty Senate

- 1) College of the Human Science and Services
Department of Physical Therapy

New Courses

PHT 505 Introduction to Physical Therapy (2)

Introduction to the profession of physical therapy including concepts related to disability, rehabilitation, evidence based practice, models of care and introduction to the Guide to Physical Therapist Practice. Characteristics and history of the profession and professional expectations for practitioners will be included. Pre: Admission to the DPT program.

PHT 521 Medical Management of Diseases II (2)

Pathophysiologic mechanisms, methods of diagnosis, and rationale for interventions which entry-level physical therapists need to understand. Common conditions of the gastrointestinal, genitourinary, integumentary and nervous

systems discussed. Pre: PHT 520 and second year standing in DPT, or permission of Chair.

PHT 522 Physical Examination and Evaluation II (3)

A continuum of PHT 512, this course will cover posture, gait, balance, assistive devices, wheelchair fitting, and home evaluation. Practice of basic skills through course content using patient cases. Pre: PHT 512 and first year standing in the DPT program.

PHT 533 Physical Agents II (2)

Theory, practice, & current research on physical agents in PT. Electrotherapeutic agents including ultraviolet, primary forms of electrical stimulation, laser and others. Pre: PHT 532 and first year standing in DPT, or permission of Chair.

PHT 592 Comprehensive Cases in Physical Therapy (4)

Cross-curricular integration of physical therapy evaluation, diagnosis, prognosis, intervention and outcome assessment applied to complex cases. Consideration of modifications necessary for different stages of development/age, different cultures, and across the continuum of care. Pre: Third year standing in DPT program.

Change in degree requirements

The Department of Physical Therapy proposes to change portions of its requirements for the Doctor of Physical Therapy degree as follows:

New courses required:

PHT 505 (+2 credits)

PHT 521 (+2 credits)

PHT 522 (+3 credits)

PHT 533 (+2 credits)

PHT 592 (+4 credits)

Courses deleted and no longer required:

PHT 542 (-2 credits)

PHT 615 (-3 credits)

Courses previously optional, but now required:

PHT 576 (+2)

These changes are proposed based on the assessment PTD has conducted since 2005 and the updated accreditation standards. The changes will have several distinct advantages: 1) the department will be able to coordinate increased clinical internship requirements more efficiently without burdening practicum sites; 2) course offering will be more streamlined to meet both students' needs as well as the changing standards of the profession. The total credits for graduation will remain the same at 109, with no change in staffing needs.

2) College of the Environment and Life Sciences
Department of Natural Resources Science

NRS 511 Population and Environment Change (3)

Overview and analysis of the major scientific and policy issues concerning human population growth and environmental change. (Lec. 3).

NRS 514 Climate Change Science and Policy (3)

Overview and analysis of the science and policy issues concerning climate change and global warming. (Lec. 3) Pre: for graduate students, none; for undergraduates, GEO 305 or permission of instructor.

3) College of Engineering
Department of Mechanical Engineering and Applied Mechanics

MCE 580 Micro/Nanoscale Energy Transport (3)

Fundamentals and applications of energy transport at micro/nanoscale, including equilibrium statistics, Boltzmann transport equation, and nano/microscale heat conduction and radiation, with applications in contemporary technologies. (Lec. 3) Pre: MCE 448 or equivalent, or permission of instructor.