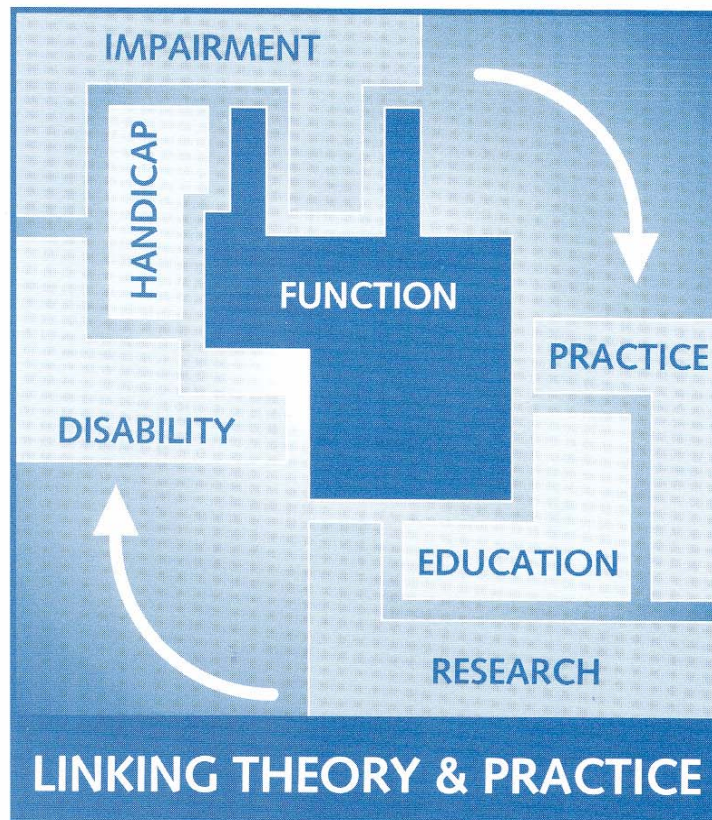


DEPARTMENT OF PHYSICAL THERAPY

C A L E N D A R



1996-97

U N I V E R S I T Y O F T O R O N T O

CLASSIC CURRICULUM (entry to program prior to 1995)

There are currently two years of the Classic Curriculum still enrolled in the program. The final year of Classic Curriculum students will graduate in the spring of 1998. The structure of the Classic Curriculum is designed around four blocks of courses:

Sciences Basic to Physical Therapy provide the necessary background to understand normal human function.

Clinical Physical Therapy Sciences integrate the pathological process and the impairment of function with the total therapeutic approach.

Applied Therapeutics teaches the student through clinical practice to participate in the treatment of patients to restore function.

Arts & Science Courses are designed to complement the required courses by providing a humanities balance with the physical sciences. Seven and a half full course equivalents must be successfully completed, including: *Biology 150Y or Physics 138Y and Psychology 100Y or Sociology 101Y* in Year I, as well as a half-course in Statistics - either *STA 220H or PSY 201H* in Year II. Courses may be taken at other universities during the summer with a Letter of Permission obtained from the Administrative Assistant, Student Services, prior to enrolling in the course. Correspondence courses are not acceptable to meet the degree requirements.

Clinical Placements The Academic Coordinator of Clinical Education is responsible for arranging all clinical placements. **No student may undertake to make his/her own arrangements with the Clinical Sites.** Although every effort will be made to place students in their preferred area, the Department of Physical Therapy reserves the right to place students where and when it finds it necessary to meet the needs of the student's program.

Students are reminded that placements are *limited* and *subject to availability*. Students, therefore, may be required to complete their clinical course requirements outside of their area of preference/residence. In this situation, accommodation and travel expenses are the responsibility of the student.

Key for Curriculum course designations is as follows:

Y = Full Course - Fall (F) and Spring (S) Terms

A = Full Course - F

B = Full Course - S

H = Half Course - F and S

F = Half Course - F

S = Half Course - S

COURSE DESCRIPTIONS

THIRD YEAR - CLASSIC CURRICULUM

Clinical Orthopaedics	PHT320Y
Cardiorespiratory Physical Therapy	PHT340Y
Independent Study	PHT345Y
Exercise Physiology	PHT351F
Clinical Neurology	PHT355Y
Scientific Enquiry	PHT361S
Clinical Practice	PTI310B
Arts & Science Courses (2)	

* PHT 345Y can be taken in place of one Arts & Science course.

FOURTH YEAR - CLASSIC CURRICULUM

**Application of Exercise Physiology and Work Physiology	PHT410F
**Gerontology in Physical Therapy	PHT411F
**Paediatrics in Physical Therapy	PHT412F
**Clinical Rheumatology in Physical Therapy	PHT413F
**Physical Therapy in Sports	PHT414F
**Art & Science In Orthopaedic Physical Therapy	PHT416F
**Practice Management	PHT418F
**Clinical Management of Pain:	
an Investigation of Principles and Practice	PHT419F
**Determinants of Health Care Management In Rehabilitation	PHT420F
Health Care Delivery System	PHT440F
Literature Review	PHT444F
Independent Study	PHT445Y
Disordered and Restorative Motor Control	PHT450A
Clinical Practice	PTI410B
Arts & Science Courses (2)	

**Selectives

BSc(PT) CLASSIC CURRICULUM			
4th YEAR (5.0 CREDITS)			
PHT440F PHT450A PHT445Y OR PHT444F (+ 0.5 ELECTIVE) 1 SELECTIVE COURSE 3.0 CREDITS	PTI410B	2 ELECTIVES	2 CREDITS
3rd YEAR (6.0 CREDITS)			
PHT320Y PHT340Y PHT351F PHT355Y PHT361S 4.0 CREDITS	PTI310B	2 ELECTIVES	2 CREDITS
2nd YEAR (6.0 CREDITS)			
ANA210F PSL210Y PAT204H 2 CREDITS	PHT200Y PHT210Y PHT235H 2.5 CREDITS	PTI210B	STA220H OR PSY201H 0.5 ELECTIVE 1.5 CREDITS
1st YEAR (6.0 CREDITS)			
ANA110Y ANA115H 1.5 CREDITS	PHT110Y PHT120H PHT130S PHT140F 2.5 CREDITS	BIO150Y OR PHY138Y PSY100Y OR SOC101Y	2 CREDITS
BASIC SCIENCES COURSES		PHYSICAL THERAPY SCIENCE COURSES	CLINICAL EDUCATION
ARTS & SCIENCE COURSES			
Y = FULL CREDIT - FULL YEAR H = HALF CREDIT - FULL YEAR		F = HALF CREDIT - FALL TERM S = HALF CREDIT - SPRING TERM	
		A = FULL CREDIT - FALL TERM B = FULL CREDIT - SPRING TERM	

THIRD YEAR

PHT320Y Clinical Orthopaedics This full course is designed to relate principles of musculoskeletal physiology and clinical pathology to the assessment, analysis and management of musculoskeletal conditions. The course will consist of lectures, laboratory sessions, problem-solving sessions and opportunities for structured clinical exposure.

PHT340Y Cardiorespiratory Physical Therapy This full course is designed to relate the principles of cardiopulmonary physiology and clinical pathology to the prevention, assessment, analysis and treatment of patients with acute and chronic respiratory and cardiovascular conditions. The course will consist of lectures, laboratory sessions, seminars and clinical instruction visits.

PHT345Y Independent Study is a full course that is offered as an Arts & Science credit and not a replacement for PHT 445Y. It provides the student an opportunity to pursue a topic of interest and contribute to the knowledge base of physical therapy. The student may (1) conduct limited-scope *original research* on a topic related to physical therapy; or (2) conduct an *instrument development* project. Instrument development includes the development and evaluation of questionnaires, or teaching tools.

Prerequisite: Students must have completed three years of university education **and** must receive approval from the course coordinator and the advisor for the specific topic.

PHT351F Exercise Physiology A half course that will provide students with a basic understanding of the responses, and mechanisms underlying responses, to acute and chronic exercise. Responses in both healthy and physically impaired people will be coordinated with the relevant content from clinical courses. Student learning will depend on participation in lectures, laboratories, and discussion of readings.

PHT355Y Clinical Neurology This full course is designed to relate the impairments and disabilities observed in individuals with various neurological conditions to assessment and therapeutic management. There is integration throughout this course with anatomy and pathophysiology of the nervous system. The course will consist of lectures, laboratory sessions, seminars, and structured clinical sessions.

PHT361S Scientific Enquiry This half course is designed for the study of the basic principles of the scientific enquiry process and its application to physical therapy. Current physical therapy literature will be used to illustrate the different elements of the process and to assist in the development of critical appraisal skills. The course will consist of lectures and seminars.

PTI310B Clinical Practice Students will be required to spend fifteen weeks full-time in approved Physical Therapy sites immediately following successful completion of the academic component of the third year of the Program. Three five-week placements comprise the fifteen-week module of clinical practice. Satisfactory completion of this clinical practice course is required to advance to subsequent clinical courses in the Program. This period will be arranged by the Academic Coordinator of Clinical Education. This course covers the entire summer between Year III and Year IV. Students are encouraged to budget accordingly for the final two years of the Program.

Arts & Science Courses Two full course equivalents.

FOURTH YEAR

****Selectives** Students are required to take one half-course selective.

****PHT410F Applications of Exercise and Work Physiology**

Students will learn a framework for assessing physical function and prescribing exercise (the *Canadian Standardised Test of Fitness*). They will apply their knowledge of exercise appraisal and prescription to older clients and injured workers. This course will employ lectures, seminars, extensive laboratory sessions, and a term paper. Please note that this course will also involve two full Saturday sessions, in addition to the regularly scheduled lecture time.

****PHT411F Gerontology** A half course designed to prepare physical therapy students for clinical practice with elderly clients in different settings. Objectives of the course include development of clinical problem-solving skills specific to the needs of the elderly, understanding the difference between normal age changes and the effects of disease, as well as identification of the multiple components of the physical therapist's role in working with the elderly. The format of the course includes lectures, seminars, problem-solving with case studies, clinical visits and group presentations.

****PHT412F Paediatrics** This half course is designed to introduce the students to the specialization of paediatric physical therapy. The pathophysiology, aetiology, medical and physiotherapy assessment, and management of pathologies specific to the paediatric population are discussed. The topics covered include family involvement, developmental delay, cystic fibrosis and congenital brachial plexus injuries. The course consists of lectures, student seminar presentations and clinical instruction in the hospital setting.

****PHT413F Clinical Rheumatology** This half course prepares the physical therapy student in the assessment and management of the more common rheumatic diseases, such as: Osteoarthritis, Rheumatoid Arthritis, Psoriatic Arthritis, Juvenile Arthritis, Ankylosing Spondylitis, Systemic Lupus Erythematosus, and Scleroderma. The format of this course includes lectures, clinical overviews, and clinical visits in community settings.

****PHT414F Physical Therapy in Sports** A half course designed to introduce students to the basic concepts of sports physical therapy. In addition to examining the physical therapy management of sports injuries, students are provided with the opportunity to study common sports injuries and specialized methods of treatment. The course consists of lectures and laboratory sessions.

****PHT416F Art & Science In Orthopaedic Physical Therapy** This course will explore fundamental principles which form the foundation of orthopaedic physical therapy practice. Opportunity will exist for further integration of the science and the practice in specific speciality areas, for syndrome analysis and for the refinement of specific hands-on skills. Material will be presented in seminar, lab and student-led sessions.

****PHT418F Practice Management** This half course provides students with an overview of the business aspects of professional practice in a variety of settings. The managerial, financial, legal, marketing and equipping aspects of practice will be addressed in seminars, clinical visits, group presentations, case studies, etc. Emphasis will be placed on developing skill in the critical evaluation of business procedures necessary for exemplary professional practice.

****PHT419F Clinical Management of Pain: An Investigation of Principles and Practice** This is a half course designed to enrich the student's preparation for the clinical management of pain. The objectives of the course include the development of clinical problem solving skills specific to the impairment, disability and handicap issues surrounding the clinical management of acute and chronic pain. Students will compare and critique different approaches to the treatment of pain. The format of this course includes visits to multidisciplinary pain clinics, guest lectures, group presentations and small group problem-solving case study sessions.

****PHT420F The Determinants of Health Care Management in Rehabilitation** This half course (13 weeks) is designed as a seminar course to introduce students to a broad range of issues as they relate to managed health care. The goal of the course is to increase the participants awareness of the multifaceted issues that must be considered when dealing with client health management. The issues will focus on policy development and research, the payer's role, the employer's role, legal counsel, case management and physical and functional assessment. Throughout the course both primary and secondary prevention of illness and injury, early intervention practices, rehabilitation and return-to-work strategies and containment of disability-related costs will be addressed.

PHT440F Health Care Delivery System A half-credit course designed to examine the health care delivery system, medico-legal responsibilities, professional ethics, professional organizations and professional development. The goal of this course is to facilitate the student's awareness of their responsibilities as a health care practitioner. Throughout the course, students will use critical analysis methods to address issues relating to health care reform and its impact on physical therapy.

PHT444F Literature Review This is a half course designed to provide students with the opportunity to critically review a topic of current interest in physical therapy in order to improve their skills of critical analysis and writing. To complete this course, the student shall select a topic that is relevant to physical therapy and conduct an in-depth, critical review of the literature on this topic. The topic must be approved by the course coordinator. The review and analysis will be presented in written form. Good critical analysis involves clear organization and competent style. Optional seminar topics will include library-searching rehabilitation medicine literature and academic writing skills.

Note: Students enrolled in PHT 444F will be required to complete an additional half course.

OR

PHT445Y Independent Study is a full course that provides the student an opportunity to pursue a topic of interest and contribute to the knowledge base of physical therapy. The student may (1) conduct limited-scope *original research* on a topic related to physical therapy; or (2) conduct an *instrument development* project. Instrument development includes the development and evaluation of questionnaires, or teaching tools. **Prerequisite:** Students must have: (1) completed Year III of the BSc(PT) program **or** have completed Year I of the Program **and** have a previous university degree **and** have completed the requisite number of A&S courses for the BSc(PT) degree; (2) receive approval of the course coordinator and the advisor for the specified topic.

PHT450A Disordered and Restorative Motor Control is a full course in the fall term that provides the student with the opportunity to integrate neuroanatomy, neurophysiology, neuropathology, and neurotherapeutics. Emphasis will be on disordered movement and posture. The course consists of lectures, laboratories, seminars, self-study and tutorials. An evidence-based practice approach will be used and management of neuropsychological populations will be explored using critical analysis strategies.

PTI410B Clinical Practice Students will be required to spend 15 weeks full-time in approved Physical Therapy sites immediately following successful completion of the academic component of the program's fourth year. Three five-week placements comprise the fifteen-week module of clinical practice. Satisfactory completion of this clinical practice is required for graduation. This will be arranged by the Academic Coordinator of Clinical Education.

Arts & Science Courses Two full course equivalents.

