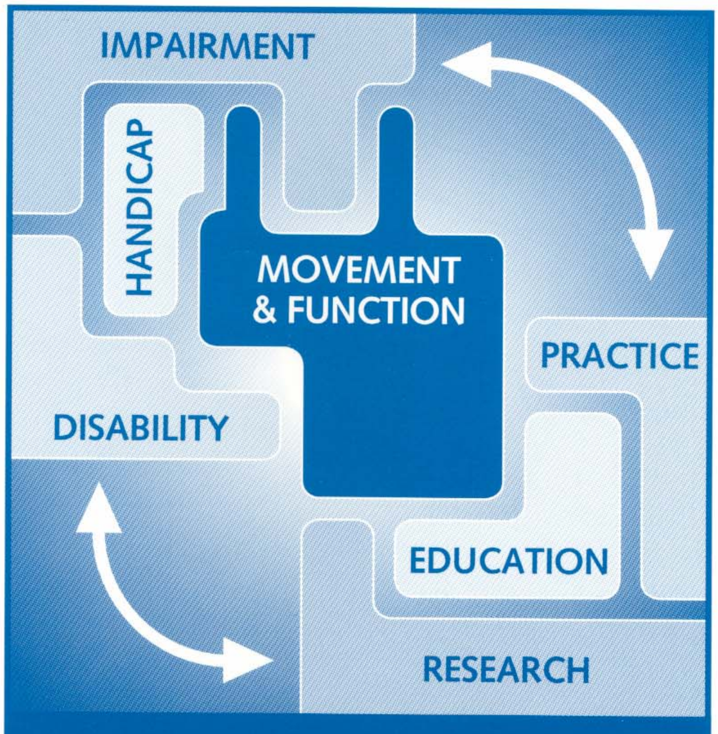
DEPARTMENT OF PHYSICAL THERAPY

CALENDAR



LINKING THEORY & PRACTICE

1998-99

UNIVERSITY OF TORONTO

First Year		**Module/Course Weighting**	
Module One	Introduction to Physical Therapy	12 units	.5
Module Two	Cardiorespiratory and Exercise Physical Therapy	48 units	2
Module Three	Musculoskeletal Physical Therapy	36 units	1.5
Structure and Function Content:			
ANA110Y	Gross Anatomy	24 units	1
PAT110H	Pathobiology of Disease	12 units	.5
PSL200H	Physiology	12 units	.5

Second Year		**Module Weighting**	
Module Four	Integrated Case Studies	24 units	2
Module Five	Internship-Clinical Cardiorespiratory, Exercise Physical Therapy and Musculoskeletal	36 units	1.5
Module Six	Neurosciences	72 units	3
Module Seven	Internship-Clinical Neuroscience	18 units	.75

Third Year			
Module Eight	Advanced Neuromusculoskeletal Physical Therapy	66 units	2.75
Module Nine	Internship-Comprehensive Physiotherapeutic Mgmt.	36 units	1.5
Module Ten	Professional Issues in Evidence-Based Practice	42 units	1.75

MODULE DESCRIPTIONS

FIRST YEAR—EVIDENCE-BASED PRACTICE CURRICULUM

Module One (PHT101F)—Introduction to Physical Therapy (4 weeks)
This module introduces the student to the field of physical therapy and to the development of learning strategies which will be incorporated throughout the program. The primary focus is on transcurricular and professional issues, integration of the science and practice of physical therapy, and selected clinical skills. Learning strategies utilized in the module include small-group case-based learning sessions, seminars, lectures, structured independent study units, clinical laboratories, and structured clinical sessions.

Module Two (PHT102Y)—Cardiorespiratory and Exercise Physical Therapy (15 weeks)
This module introduces the science, application of clinical problem-solving and clinical skills that are relevant to physical therapy practice in the area of cardiorespiratory health and pathology. The focus is on prevention, assessment, analysis and treatment of acute and chronic respiratory and cardiovascular conditions. Learning strategies include lectures, laboratories, seminars, small group work, and structured clinical sessions.

Module Three (PHT103B)—Musculoskeletal Physical Therapy (11 weeks)
This module introduces the principles of assessment and treatment of the musculoskeletal system based on an approach that integrates basic clinical, scientific and biomechanical principles. The primary focus is on connective tissue structure and pathophysiology as they relate to musculoskeletal disorders encountered in orthopaedic physical therapy practice. Content is limited to the study of peripheral joints, posture and gait. Professional practice issues relating to orthopaedic physical therapy are introduced. Learning strategies include small-group case-based learning sessions, seminars, lectures, structured independent study units, clinical laboratories. and structured clinical sessions.

Structure and Function Content:
This content runs concurrently and in parallel to the Modules One, Two and Three, and help to provide the basic science base to support these modules.

ANA110Y—Gross Anatomy A lecture, laboratory and tutorial course covering the gross anatomy of the human body. Emphasis is placed on the limbs and back. Laboratory/tutorial work consists of dissection of the human body and study of the appropriate osteology, radiology and surface anatomy.

PAT110H—Pathobiology A course designed to introduce the student to pathology. Basic principles of pathophysiology as they impact on physical therapy practice are covered in lectures, self-study and case-study format.

PSL200H—Physiology A course designed to study the functioning of the various body systems (including the nervous system) of the human body, consisting of lectures, supplemented with illustrations and demonstrations.

SECOND YEAR—EVIDENCE-BASED PRACTICE

Module Four (PHT204A)—Integrated Case Studies (Two x 2 weeks)

The first two weeks of this module provide an opportunity for students to apply clinical problem-solving skills to integrated cases. The emphasis is on client-centred goal setting, including communication issues, interview skills and use of appropriate outcome measures. The focus of the second two weeks of the module is the application of the fundamentals of evidence-based practice to developing research questions and identifying appropriate research designs and methodologies. Learning strategies include case studies, small group assignments, lectures, student presentations and seminars.

Module Five (PHT205A)—Internship—Clinical Cardiorespiratory. Exercise Physical Therapy and Basic Musculoskeletal (10 Weeks)

This clinical module provides the opportunity for students to integrate the art and science of Physical Therapy, focusing on exercise physical therapy, clinical respirology and basic clinical orthopaedics. Students who have successfully completed all components of the program up to Module five are given the opportunity to apply their skills in a clinical setting. Students will be required to spend ten weeks (two five-week sessions) full-time in approved Physical Therapy sites during September, October and November.

Module Six (PHT206B)—Neurosciences (16 weeks)

The main purpose of this module is to integrate neuroanatomy, neurophysiology, pathology and clinical neurology. The emphasis is on enabling students to prepare for evidence-based physical therapy practice with persons who have neurological dysfunction. Learning strategies include lectures, seminars, tutorials, clinical skill laboratories, case studies, independent study time and structured clinical sessions.

Module Seven (PHT207B)—Internship—Clinical Neuroscience (5 weeks)

This clinical module provides the opportunity for students to integrate the art and science of Physical Therapy, focusing on the neuroscience area. Students who have successfully completed all components of the program up to Module seven are given the opportunity to apply their skills in a clinical setting. Students will be required to spend five weeks full-time (one five-week session) in an approved Physical Therapy site during May and June.

THIRD YEAR—EVIDENCE-BASED PRACTICE

Module Eight (PHT308A)—Advanced Neuromusculoskeletal Physical Therapy (15 weeks)

This module will provide students with the opportunity to expand their knowledge relating to the pathophysiology and management of selected neuro-musculoskeletal conditions and to further develop basic physiotherapeutic skills in assessment and management of neuromusculoskeletal conditions. The module promotes a client centred approach to management and a progressive professional perspective by providing strategies and opportunities for the integration of knowledge from the systems and transcurricular components of the curriculum. Learning strategies include lectures, laboratories, small group work and structured clinical sessions.

Module Nine (PHT209B)—Internship—Comprehensive Physiotherapeutic Management (10 weeks)

This clinical module provides the opportunity for students to integrate the art and science of Physical Therapy and to apply their skills focusing on the complex client and the varied roles of the physical therapist. Students who have successfully completed all components of the program up to Module nine are given the opportunity to practice in a clinical setting. Students will be required to spend ten weeks (two five-week sessions) full-time in approved Physical Therapy sites during January, February and March.

Module Ten (PHT310B)—Professional Issues in Evidence-Based Practice (6 weeks)

The purpose of this module is to facilitate the students' ability to understand and promote Physical Therapy in the context of the social, political and economic forces that influence the delivery of health care in Canada. Students examine professional practice issues from the perspective of evidence-based practice. The focus of the module is on further developing students' skills in critical analysis, critical thinking and problem solving. Learning strategies include seminars, small group work, in-depth analysis of the literature and both written and verbal presentations.