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**Prerequisites:**
- A minimum grade of "B" in PHTH 7101.
- A minimum grade of "B" in PHTH 7111.
- A minimum grade of "B" in PHTH 7202.

**Course Descriptions:**
- **PHTH 71701**
  - Gross anatomy, physiology, kinesiology, and imaging of the musculoskeletal system.
- **PHTH 71111**
  - Basic histopathology, pathophysiology, pharmacology, imaging and selected medical and surgical interventions of the cardiovascular and pulmonary systems.
- **PHTH 71311**
  - Fundamental patient care skills including basic examination, evaluation, diagnosis, prognosis, intervention, outcomes and documentation for patients with cardiovascular and pulmonary dysfunction and an introduction to therapeutic modalities.
- **PHTH 71611**
  - Discussions of professional socialization, cultural issues in health care, legal and ethical aspects of health care, psychosocial aspects of illness, quantitative terminology in clinical practice and clinical documentation.
- **PHTH 71811**
  - Preparation for and exposure to healthcare settings related to acute care through didactic, laboratory and half-day, on-site observational experiences.
- **PHTH 72022**
  - Gross anatomy, physiology, kinesiology, and imaging of the musculoskeletal system.
- **PHTH 72122**
  - Histopathology, pathophysiology, pharmacology, imaging and selected surgical interventions of the musculoskeletal system. Prerequisite(s): A minimum grade of "B" in PHTH 7111.
- **PHTH 72322**
  - Fundamental patient care skills including basic examination, evaluation, diagnosis, prognosis, intervention, outcomes and documentation for patients with musculoskeletal dysfunction.
- **PHTH 72622**
  - Discussions of methods and approaches to physical therapy research, ethics, jurisprudence and related professional topics.
- **PHTH 72822**
  - Exposure to health care settings through half-day, on-site observational experiences.
- **PHTH 73032**
  - The pathophysiology of the neuromuscular and integumentary systems.
- **PHTH 73112**
  - A minimum grade of "B" in PHTH 7202.

**Advanced Courses:**
- **PHTH 73333**
  - Advanced patient care skills including basic examination, evaluation, diagnosis, prognosis, outcomes and documentation of gait deviations and for patients with neuromuscular and integumentary dysfunction.
- **PHTH 73623**
  - Discussions of legislative issues in health care, clinical outcomes research, and evidence based practice.
- **PHTH 73833**
  - A one-week full-time clinical exposure to patient care in a physical therapy setting, which may include specialty clinics, long-term care facilities, hospitals, and school systems.
- **PHTH 73903**
  - Simulated clinical experiences with the management of specific cases from referral to discharge.
- **PHTH 75022**
  - Focuses on metabolic disorders, autoimmune diseases, and the clinical perspective of the aging individual with an emphasis on geriatric disorders, including orthopedic, neurologic, and cardiopulmonary disorders and amputation.
- **PHTH 75322**
  - Ten week full-time clinical field experience in general, acute care, rehabilitation, or other specialty settings. Demonstration of the ability to integrate information from all didactic and clinical components of the curriculum in patients with all physical therapy diagnoses, including multiple diagnoses.
- **PHTH 75682**
  - Ten week full-time clinical field experience in general, acute care, rehabilitation, or other specialty settings. Demonstration of the ability to integrate information from all didactic and clinical components of the curriculum in patients with all physical therapy diagnoses, including multiple diagnoses.
- **PHTH 84003**
  - Design of research proposals in preparation for Physical Therapy Project 1, 2, 3 and 4.
- **PHTH 84813**
  - Eight weeks of full-time clinical affiliation in general care settings providing an opportunity for students to practice in the clinical setting the skills learned in all preceding courses.
- **PHTH 84913**
  - Small group discussions integrating didactic and clinical learning experiences using case studies based on clinical experiences in Supervised Clinical Education I.

**Additional Courses:**
- **PHTH 7682**
  - A one-week full-time clinical experience in a physical therapy setting, which may include specialty clinics, long-term care facilities, hospitals, and school systems.
- **PHTH 7840**
  - Critical Inquiry In Phys Ther
- **PHTH 8491**
  - Small group discussions integrating didactic and clinical learning experiences using case studies based on clinical experiences in Supervised Clinical Education I.
PHTH 8501 Clinical Medicine I  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Study of the pathophysiology, medical differential diagnosis and pharmacological and surgical treatment of medical diseases and disorders.  
Prerequisite(s): A minimum grade of "B" in PHTH 8481.

PHTH 8531 Adv Exam Eval Intervntn 1  
8 Credit Hours. 6 Lecture Hours. 4 Lab Hours.  
Advanced patient care skills including examination, evaluation, diagnosis, prognosis, intervention, outcomes and documentation from a lifespan perspective including orthotics, spinal cord injury and advanced care of patients with stroke and other neurological conditions.  
Prerequisite(s): A minimum grade of "B" in PHTH 8481.

PHTH 8561 Implnt Life Concepts Phy Ther I  
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.  
Discussion of clinical implications and healthcare issues from a lifespan approach.  
Prerequisite(s): A minimum grade of "B" in PHTH 8481.

PHTH 8602 Clinical Medicine 2  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Study of the pathophysiology, medical differential diagnosis and pharmacological and surgical treatment of medical diseases and disorders.  
Prerequisite(s): A minimum grade of "B" in PHTH 8501.

PHTH 8632 Adv Exam Eval & Intervention 2  
8 Credit Hours. 6 Lecture Hours. 4 Lab Hours.  
Advanced patient care skills including examination, evaluation, diagnosis, prognosis, intervention, outcomes and documentation in selected physical therapy patient care areas including an introduction to sports medicine.  
Prerequisite(s): A minimum grade of "B" in PHTH 8531.

PHTH 8662 Implnt Of Lifespan Concepts 2  
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.  
Continued discussion of clinical perspectives and healthcare issues form a lifespan perspective.  
Prerequisite(s): A minimum grade of "B" in PHTH 8561.

PHTH 9703 Clinical Medicine 3  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Continued study of the pathophysiology, medical differential diagnosis and pharmacological and surgical treatment of medical diseases and disorders.  
Prerequisite(s): A minimum grade of "B" in PHTH 8602.

PHTH 9733 Adv Exam Eval & Intervention 3  
6 Credit Hours. 6 Lecture Hours. 4 Lab Hours.  
Advanced patient care skills including examination, evaluation, diagnosis, prognosis, intervention, outcomes and documentation for the pediatric client.  
Prerequisite(s): A minimum grade of "B" in PHTH 8632.

PHTH 9763 Implnt Of Lifespan Concepts 3  
2 Credit Hours. 2 Lecture Hours. 0 Lab Hours.  
Continued discussion of clinical perspectives and healthcare issues from a lifespan perspective.  
Prerequisite(s): A minimum grade of "B" in PHTH 8662.

PHTH 9804 Clinical Medicine 4  
1 Credit Hour. 1 Lecture Hour. 0 Lab Hours.  
Integration of the medical concepts in the examination and treatment of medically complex patients.  
Prerequisite(s): A minimum grade of "B" in PHTH 9703.

PHTH 9834 Adv Exam Eval Intervntn Iv  
2 Credit Hours. 1 Lecture Hour. 2 Lab Hours.  
Integration of patient care skills including examination, evaluation, diagnosis, prognosis, intervention, outcomes and documentation for the management of medically complex patients.  
Prerequisite(s): A minimum grade of "B" in PHTH 9733.

PHTH 9882 Supervised Clinical Educ 2  
10 Credit Hours. 0 Lecture Hours. 40 Lab Hours.  
Eleven-week full-time clinical field experience in general, acute care, rehabilitation, or other specialty settings. Demonstration of the ability to integrate information from all didactic and clinical components of the curriculum in patients with all physical therapy diagnoses, including multiple diagnoses.  
Prerequisite(s): A minimum grade of "B" in PHTH 9733.

PHTH 9900 Leadership & Management In Pt  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Introduction to the practical application of management strategies specific to physical therapy settings, including finance, personnel management, quality assurance, and accreditation/licensure processes with an emphasis on hospital, private practice, rehabilitation and home care settings.  
Prerequisite(s): Satisfactory completion of PHTH 9882.

PHTH 9901 Physical Therapy Project I  
1 Credit Hour. 1-99 Lecture Hours. 1-99 Lab Hours.  
Conducting a research project as part of the project advisor's ongoing research activities.  
Prerequisite(s): A minimum grade of "B" in PHTH 8400.

PHTH 9902 Physical Therapy Project 2  
1 Credit Hour. 99 Lecture Hours. 99 Lab Hours.  
Continuation of a research project as part of the project advisor's ongoing research activities.  
Prerequisite(s): Satisfactory completion of PHTH 9901.

PHTH 9903 Physical Therapy Project 3  
1 Credit Hour. 99 Lecture Hours. 99 Lab Hours.  
Continuation of a research project as part of the project advisor's ongoing research activities.  
Prerequisite(s): Satisfactory completion of PHTH 9902.

PHTH 9904 Physical Therapy Project 4  
1 Credit Hour. 1-99 Lecture Hours. 1-99 Lab Hours.  
Completion of a research project as part of the project advisor's ongoing research activities.  
Prerequisite(s): Satisfactory completion of PHTH 9903.

PHTH 9983 Supervised Clinical Educ 3  
10 Credit Hours. 0 Lecture Hours. 40 Lab Hours.  
Eleven-week full-time clinical field experience with demonstration of the ability to independently evaluate and treat complex patients as would be appropriate for a new graduate working at the facility.  
Prerequisite(s): Satisfactory completion of PHTH 9882.

PHTH 9992 Clinical Educ Synthesis 2  
3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.  
Research, writing, presentation and discussion of case studies based on clinical experiences in Supervised Clinical Education 2 and 3.  
Prerequisite(s): Satisfactory completion of PHTH 9882.