Overview

The Master of Science in Physical Therapy program is designed for self-directed physical therapists who are strongly motivated to gain advanced competencies as clinicians, educators, administrators and researchers.

Program Outcomes

When you successfully complete the Master of Science in Physical Therapy Program, you will be able to:

1. demonstrate advanced and highly proficient competencies in the application of physical therapy theories, skills, and professional behaviors to various work settings and within diverse roles.

2. seek, interpret, and utilize existing scientific and documentary evidence and effectively communicate the same to relevant stakeholders in written and oral form.

3. work collaboratively with patients/clients, caregivers, colleagues and other health professionals while being capable of independent practice relevant to societal and professional context at all times demonstrating ethics and expected professional behaviors.

4. demonstrate highly tolerant, culturally sensitive, flexible and adaptable ethical behaviors in multi-disciplinary, multi-cultural settings.

5. exercise sound analytical ability coupled with supporting evidence in making informed decisions about problems encountered in a range of physical therapy roles.

6. value lifelong learning and actively engage in continuing professional development as attributes of a competent physical therapist.

Admission Requirements

1. Applicant must
   a. be a graduate of BS Physical Therapy from a recognized school.
   b. be a holder of a current professional license from the Professional Regulations Commission.
   c. possess at least one-year professional practice experience as a physical therapist, in their chosen practice setting.
   d. pass a written entrance examination administered by the Office of Admissions of the University.

2. The following application requirements must be submitted to the Graduate School:
   a. completed Graduate School application form.
   b. Transcript of records from the baccalaureate program.
   c. certified true copy of the PRC board certificate and board rating.
   d. Letter of endorsement from the Dean of the school he graduated the baccalaureate program form.
   e. two (2) letters of reference
   f. two colored passport size ID pictures

Curriculum

MASTERS OF SCIENCE IN PHYSICAL THERAPY

PRE-REQUISITE COURSES - 6 UNITS

St. Thomas and Critical Thinking
A course on Aristotelian and Symbolic Logic that focuses on the fundamental laws of thought. It provides guiding principles in order to enhance critical and reflective skills that would facilitate correct and responsible judgment and reasoning. It gives an opportunity to be in control of one’s thinking activities.

Health Research Methods
This course provides students with the basic knowledge of all research paradigms and designs (quantitative and qualitative) and design specific methods to be able to draft a research methodology plan. It also provides students the ability to critique various research studies.

CORE COURSES - 10 UNITS

Evidence Based Health Care
This course provides students with the opportunity to become critical and educated consumers of research. Students learn to critically evaluate the quality of published and unpublished literature using structured methods. They are taught how to use library database and internet to search for literature and this provides them with the confidence to evaluate the strength of the evidence in clinical topics and how to present this in a logical form. This course introduces the concepts of evidence based practice and teaches students to undertake systematic and exhaustive searching, critical synthesis of the evidence and make recommendations based on the synthesized evidence. Students are required to complete a full systematic review and present their reviews in a colloquium.

Biomechanics and Motor Control - 3 units
This course allows the student to explain the concepts of motor control and motor learning, based on an analysis of human movement. Students learn how movement happens what factors affect it. It involves analysis of tasks related to daily activities, exercise, sports, and occupation that are commonly affected in patients seen in physical therapy.

Clinical Reasoning and Differential Diagnosis in Physical Therapy - 3 units
This course provides an opportunity for the student to apply clinical reasoning given an orthopedic, neurologic, and pediatric case. This course allows the student to decide which assessment or evaluation procedure, both subjectively and objectively, should be used in order to comprehensively come up with a physical therapy diagnosis/impression, problem list and physical therapy goals.

MAJOR COURSES

Research track - 10 units
Clinical track - 14 units

Educational Strategies for Health Professionals - 2 units
This course prepares health professionals to better educate learners in various settings, including students, patients, clients, family and caregivers, colleagues, and other health professionals, through an in-depth understanding of teaching-learning principles and the application thereof to instruction in different practice settings. Focus is on instructional planning, teaching and evaluation of learning for audiences in different practice settings.

Leadership and Management - 2 units
This course is the study of management of academic organizations, rehabilitation centers or units in hospitals, community centers, and public health agencies. Emphasis is on methods of application of managerial functions including health program planning, evaluation and health policy formulation.

Clinical Practice 1 (Orthopedic Physical Therapy) - 6 units (3 hours lecture, 3 hours laboratory/field work per week)
This course provides students with the opportunity to acquire skills in using different manual therapy treatment such as Maitland, McKenzie, Mulligan and Neuromuscular. Students will also be able to make a clinical impression by correctly reading and interpreting X-ray, CT, MRI, MSUS and EMG findings of common musculoskeletal conditions. Additionally, the course provides students with the opportunity to understand different surgical procedures and evidence-based guidelines used in the treatment of patients with musculoskeletal conditions.

Clinical Practice 2 (Neurologic Physical Therapy) - 6 units (3 hours lecture, 3 hours laboratory/field work per week)
This course provides students with the opportunity to become critical Physical Therapist Students learn to make sound clinical judgement in the assessment and
management of Neurologic and Paediatric conditions. They are taught how to apply in clinical practice.

This course introduces the concepts of assessment and sound decision making in Neurologic and Paediatric conditions. Students are required to present case analysis both in written and oral aspect in relation to the assessment and intervention plan.

**Cognate Courses** 3 units Any subject in other major fields that has substantial bearing on thesis.

**Other Requirements**

Written Comprehensive Examinations (WCE)

Research Track

TW I - 3 units (Thesis Proposal)
TW II - 3 units (Research Colloquium)
TW III - 3 units (Thesis Defense)

Clinical Track

Research-based Special Project – 5 units

Total = 40 Units

---

**School Calendar**

The University of Santo Tomas follows an Academic Year Calendar of three (3) terms.

Third Term: June-July

For further information, please call,

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tele-Fax: (632) 740-9732</td>
<td>or</td>
</tr>
<tr>
<td>Tel. No. (632) 406-1611 loc 8247; 731-5396</td>
<td>write to:</td>
</tr>
<tr>
<td>Web: <a href="http://graduateschool.ust.edu.ph">http://graduateschool.ust.edu.ph</a></td>
<td>The Dean/Faculty Secretary</td>
</tr>
<tr>
<td>E-mail: <a href="mailto:ogpa@mnln.ust.edu.ph">ogpa@mnln.ust.edu.ph</a></td>
<td>UST Graduate School</td>
</tr>
</tbody>
</table>

España, Manila, Philippines 1008

---

**Summary of Course Requirements**

<table>
<thead>
<tr>
<th>Requirements</th>
<th>units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-requisites</td>
<td>6</td>
</tr>
<tr>
<td>Core Subjects</td>
<td>12</td>
</tr>
<tr>
<td>Major Subjects</td>
<td></td>
</tr>
<tr>
<td>Research Track</td>
<td>10</td>
</tr>
<tr>
<td>Clinical Track</td>
<td>14</td>
</tr>
<tr>
<td>Cognates</td>
<td>3</td>
</tr>
<tr>
<td>Thesis Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Thesis Writing II</td>
<td>3</td>
</tr>
<tr>
<td>Thesis Writing III</td>
<td>3</td>
</tr>
<tr>
<td>Research-based Special Project</td>
<td>5</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>40</strong></td>
</tr>
</tbody>
</table>

---

**UST Graduate School Administration Officials and Faculty Set-up**

MARILU R. MADRUNIO, Ph.D.
Dean

FR. JOSÉ ANTONIO E. AUREADA, O.P., S.Th.D.
Regent

ALEJANDRO S. BERNARDO, Ph.D.
Faculty Secretary

GRECCEBIO JONATHAN D. ALEJANDRO, Dr. rer. nat.
Director for Graduate Research

CHERYL PERALTA, MSPT, MHPed, PTRP
Program Lead, MSPT/MSOT Cluster

**PROFESSIONAL STAFF**

JOCELYN AGCAOILI, MHPed, MSPT, PTRP
JOVEN CHRISTOPHER CERDENIA, MHiHSc, PTRP, RPT
JANINE MARGARITA DIZON, PhD, PTRP
VALENTIN DONES III, PhD, PTRP
MA. ROXANNE FERNANDEZ, MSPT, PTRP
JEANNETTE LEE, PhD, PTRP, RPT
DONALD LIPARDO, MSPT, PTRP
DONALD MANILA PAZ, MSPT, PTRP
MA. GEORGINA MOJICA, MHPed
CHERYL PERALTA, MSPT, MHPed, PTRP
JOEL REGINO, MSPT, PTRP
CHRISTIAN REY RIMANDO, MSPT, PTRP
SALLY JANE UY, MBAH, DTRP
CRISTINE ROSE VERALES, MSPT, PTRP

---

University of Santo Tomas
THE CATHOLIC UNIVERSITY OF THE PHILIPPINES
MANILA, PHILIPPINES

The Graduate School

MASTER OF SCIENCE IN
PHYSICAL THERAPY

AY 2014 - 2018