

# MASTER OF SCIENCE PROGRAM IN PHYSICAL THERAPY

## REVISED PROGRAM 2564 B.E.

### PROGRAM

(Thai) หลักสูตรวิทยาศาสตรมหาบัณฑิต สาขาวิชากายภาพบำบัด  
(English) Master of Science Program in Physical Therapy

### DEGREE

- (Thai)  
Full title : วิทยาศาสตรมหาบัณฑิต (กายภาพบำบัด)  
Abbrev. : วท.ม. (กายภาพบำบัด)
- (English)  
Full title : Master of Science (Physical Therapy)  
Abbrev. : M.S. (Physical Therapy)

### DEGREE REQUIREMENTS

- Type 1 (Plan A Type A1): 36 Credits
- Type 2 (Plan A Type A2): 36 Credits

### STUDY DURATION

- Type 1 (Plan A Type A1): 2 Years (4 Semesters), a maximum of 5 years
- Type 2 (Plan A Type A2): 2 Years (4 Semesters), a maximum of 5 years

### PROGRAM STRUCTURE

#### • Type 1 (Plan A type A1)

Degree requirements a minimum of 36 Credits

#### A. Thesis

514797 Master's Thesis 36 Credits

#### B. Thesis

1. A student required to participate at least 80 percentage of academic seminars that the course is offered and has to present a seminar on topic related to their thesis as well as report thesis progression at least once per semester, with a total of not less than 4 semesters. Procedure is followed by the research program committee.

2. The whole or part of a thesis must be published/accepted for publication at least in journal listed in the database of Thai-Journal Citation Index (TCI) Tier 1 with the student as the first author at least 1 full academic paper and present, the whole or part of his/her thesis work is accepted, either oral or poster, for presentation in national academic conferences accepted by the field of study at least one paper.

3. A student has to report the thesis progression to the Graduate school every semester which approved by the Chairman of the Graduate Study Committee.

### C. Non-credit course

1. Graduate School's requirements: foreign language
2. Program's requirements:

Seminar registration every semester, each one by a non-credit course.

Evaluation of the seminar with the letters S/U.

AMS.PT. 514792 Academic seminar 1	1	Credit
AMS.PT. 514793 Academic seminar 2	1	Credit
AMS.PT. 514794 Academic seminar 3	1	Credit
AMS.PT. 514795 Academic seminar 4	1	Credit

- **Type 2 (Plan A type A2)**

<b>Degree requirements</b>	<b>a minimum of</b>	<b>36</b>	<b>Credits</b>
<b>A. Course Work</b>	<b>a minimum of</b>	<b>24</b>	<b>Credits</b>
1. Graduate courses	a minimum of	24	Credits
1.1 Field of concentration courses	a minimum of	24	Credits
<b>1.1.1 Required courses</b>		<b>18</b>	<b>Credits</b>
A) Required courses		12	Credits
518773 Health Science Research Methods and Statistics		3	Credits
514791 Seminar in Physical Therapy Research		3	Credits
514741 Clinical Reasoning and Evidence-Based Practice in Physical Therapy		3	Credits
514730 Physical Therapy Clinic 1		3	Credits
<b>B) Field of concentration courses</b>		<b>6</b>	<b>Credits</b>
Student must select only one field of specialization			
514711 Advanced in Pediatric Physical Therapy		3	Credits
514712 Advanced Clinical Management in Pediatric Physical Therapy		3	Credits
514721 Geriatric Medicine and Gerontology		3	Credits
514722 Geriatric Physical Therapy		3	Credits
514751 Advanced Musculoskeletal Physical Therapy		3	Credits
514752 Evidence-Based Practice Musculoskeletal Physical Therapy		3	Credits
514753 Advanced Sports Physical Therapy		3	Credits
514754 Evidence-based Practiced in Sports Physical Therapy		3	Credits
514761 Advanced Management in Neurological Physical Therapy		3	Credits
514762 Evidence-Based Practice in Neurological Rehabilitation		3	Credits
514781 Cardiopulmonary Physical Therapy		3	Credits
514782 Advanced Cardiopulmonary Rehabilitation		3	Credits
<b>1.1.2 Elective courses</b>	<b>a minimum of</b>	<b>6</b>	<b>Credits</b>
Select from			
514731 Physical Therapy Clinic 2		3	Credits
514742 Functional Measurement and Examination in Physical Therapy		3	Credits
514743 Current Trend in Physical Therapy		3	Credits
518707 Measurement and Evaluation of Human Movement		2	Credits

518709 Applied Biomechanics	3	Credits
518721 Nutrition and Exercise Biochemistry	3	Credits
518724 Exercise for Prevention and Rehabilitation	3	Credits
518750 Health Promotion and Illness Prevention in Community	3	Credits
518751 Health Promotion for Women	2	Credits
518752 Health Promotion for Various Age Groups	2	Credits
518761 Physiology for Movement and Exercise Sciences	3	Credits
518762 Aging and Holistic Approach	3	Credits
518763 Advanced Motor Control and Learning	3	Credits
518770 Special Problem	2	Credits
Or select other courses according to consent of the committee		

### 1.2 Other Courses

The student may enroll other graduate courses(s) under the consent of the advisor and the committee.

### 2. Advanced undergraduate courses None

In case the student lacks some basic knowledge, which is necessary for education, the student must enroll some advanced undergraduate courses(s) under the recommendation of program administrative committee.

## B. Thesis

514799 Master's Thesis	12	credits
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## C. Non-credit course

1. Graduate School's requirement - foreign language-
2. Program's requirement - In case of inadequate basic knowledge,  
academic committee may require to undertake extra-undergraduated courses without credits.

## D. Academic activities

1) A student required to participate at least 80 percentage of academic seminars that the course is offered and has to present a seminar once per semester for at least two semesters. Procedure is followed by the research program committee.

2) The whole or part of a thesis must be published/accepted for publication at least in journal listed in the database of Thai-Journal Citation Index (TCI) Tier 1 or presented in the international conferences with proceeding accepted by the field of study. At least one publication must specify student as the first author.

## STUDY PLAN

- Type 1 (Plan A type A1)

1 <sup>st</sup> year					
Semester 1		Credits	Semester 2		Credits
	Register for university services	-	514793	Academic seminar 2	1
	Pass foreign language examination requirement	-	514797	Master's Thesis	12
	Present thesis proposal	-		Academic activities	-
	Academic activities	-			
514792	Academic seminar 1	1			
<b>Total</b>		<b>-</b>		<b>Total</b>	<b>12</b>

2 <sup>nd</sup> year					
Semester 1		Credits	Semester 2		Credits
514794	Academic seminar 3	1	514795	Academic seminar 4	1
514797	Master's Thesis	12	514797	Master's Thesis	12
	Academic activities	-		Thesis defense	-
				Academic activities	-
<b>Total</b>		<b>12</b>	<b>Total</b>		<b>12</b>

**TOTAL 36 CREDITS**

- Type 2 (Plan A type A2)

1 <sup>st</sup> year					
Semester 1		Credits	Semester 2		Credits
518773	Health Science Research Methods and Statistics	3		Elective courses	6
514730	Physical Therapy Clinic 1	3		Present thesis proposal	-
514741	Clinical Reasoning and Evidence-Based Practice in Physical Therapy	3		Pass foreign language examination requirement	-
514791	Seminar in Physical Therapy Research	3		Organize seminar/ Attend seminar/present paper	-
Field of concentration courses		3	Field of concentration courses		3
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>9</b>

2 <sup>nd</sup> year					
Semester 1		Credits	Semester 2		Credits
514799	Master's Thesis	6	514799	Master's Thesis	6
	Organize seminar/ Attend seminar/present paper	-		Thesis defense	-
<b>Total</b>		<b>6</b>	<b>Total</b>		<b>6</b>

**TOTAL 36 CREDITS**