

**Master of Education Program in Physical Education and Sports**  
**(Revised Curriculum A.D. 2025)**

Thailand National Sports University, Chon buri Campus  
Faculty of Education, Physical Education and Sports Program

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**Section 1: General Information**

**1. Program Title**

Master of Education Program in Physical Education and Sports

**2. Degree**

Full Title: Master of Education (Physical Education and Sports)

Abbreviation: M.Ed. (Physical Education and Sports)

**3. Total credits for the 2-year program: not less than 37 credits**

**4. Program Format**

**4.1 Format**

Master's degree program, Plan 1 (Academic Track)

**4.2 Type of Program**

Master's degree program

**4.3 Language of Instruction**

Thai

**4.4 Admission**

Admits Thai students and/or international students who can communicate in both Thai and English

**5. Readiness for Dissemination of Quality and Standard Curriculum**

The curriculum is ready for dissemination of quality and standards as a curriculum that is in accordance with the Thailand Qualifications Framework for Higher Education B.E. 2565 (2022) and the Standard Criteria for Graduate Programs B.E. 2565 (2022).

**6. Career Opportunities After Graduation**

6.1 Physical education teachers and sports coaches in both public and private educational institutions

6.2 Academics and researchers in physical education and sports in both public and private organizations

6.3 Leaders in physical education and sports in both public and private sectors

## **7. Location of Instruction**

Instruction is provided at Thailand National Sports University, Chon buri Campus

## **Section 2: Philosophy, Objectives, and Learning Outcomes**

### **1. Philosophy of the Program**

Master's graduates possess expertise in developing learners effectively and are capable of advancing their professional practice in physical education and sports through research processes that contribute to the development of society and the nation.

### **2. Objectives of the Program**

To produce physical education graduates with the following characteristics:

1) To produce master's graduates capable of expertly designing competency-based and sports excellence curricula, as well as active learning management in physical education and sports, for application in developing learners effectively.

2) To produce master's graduates capable of conducting research and disseminating knowledge with academic and research integrity, by applying knowledge in physical education and sports for the advancement of the profession, society, and the nation.

### **3. Program Learning Outcomes (PLOs)**

**PLO1:** Able to design competency-based and sports excellence curricula, as well as active learning management in physical education and sports, accurately in accordance with academic principles.

**PLO2:** Able to appropriately apply activities that reinforce competency-based and sports excellence curricula in various contexts, demonstrating credibility and capability in managing innovation and digital technology.

**PLO3:** Able to conduct research and disseminate knowledge with academic and research integrity, by applying knowledge in physical education and sports for the advancement of the profession, society, and the nation.

## Section 3: Educational Management System, Operations, and Curriculum Structure

### Educational Management System

The education system follows a semester-based structure, with the academic year divided into two regular semesters: the first semester and the second semester. Each regular semester lasts no less than 15 weeks of study.

First Semester: June - September

Second Semester: November - February

Summer Semester: March - May

### Admission Qualifications:

1. Must be a graduate holding a bachelor's degree or equivalent, and must have English proficiency test results in accordance with the National Sports University's announcement on English Language Proficiency Standards for Graduate Students, as follows:

1) Applicants with the following English proficiency test scores TOEFL (Institutional Testing Program) of not less than 400, or TOEFL (Computer-based Test) of not less than 97, or TOEFL (Internet-based Test) of not less than 32, or IELTS of not less than 3.0, or CU-TEP of not less than 30 may be admitted without taking any additional English courses. The English test score report must not be older than 2 years, calculated from the date the score was reported to the date the list of eligible applicants is announced.

2) Applicants who do not hold English proficiency test results as specified in item 1) must take the TNSU English Test administered by the National Sports University and must achieve a score of not less than 35.

3) In the case where an applicant's English test results do not meet the specified criteria, they must register for the course HU 05021 English for Graduate Studies and must pass with a grade of S.

4) Students may be exempted from the English proficiency test requirement if they have graduated from a country where English is an official language.

2. Must not have any serious contagious diseases, socially unacceptable conditions, or illnesses that would obstruct their studies.

3. Must be a person of good conduct.

4. Other qualifications as announced by the university.

### Mode of Study

1. Classroom-based
2. Online Distance Learning
3. Hybrid & Blended Learning

### Curriculum Structure

Not less than 37 credits

#### 1) Core Course Section

Required to complete 10 credits

#### 2) Specific Course Section

Required to complete 15 credits

##### 2.1) Compulsory major courses

Required to complete 12 credits

##### 2.2) Elective major courses

Required to complete 3 credits

##### 2.3) Thesis

Required to complete 12 credits

### Subject

#### 1) Core Course Section

Required to complete 10 credits

PE 091001 Paradigm of Physical Education and Sports

3(3-0-6)

PE 091002 Research and Innovation in Physical Education and Sports

3(2-2-5)

PE 091003 Applied Statistics in Physical Education and Sports

3(2-2-5)

PE 101001 Seminar in Physical Education and Sport 1

1(1-0-2)

#### 2) Specific Course Section

Required to complete 15 credits

##### 2.1) Compulsory major courses

Required to complete 12 credits

PE 091004 Developing Curriculum and Active learning

in Physical Education and Sports

3(3-0-6)

PE 091007 Physical Education and Sports Assessment

3(3-0-6)

PE 091012 Program Development in Physical Education and Sports

3(2-2-5)

PE 092019 Innovation and Creativity and Digital Technology

in Physical Education and Sports

3(2-2-5)

2.2) Elective major courses	Not less than	3 credits
PE 102002 Seminar in Physical Education and Sport 2		1(1-0-2)
PE 091016 Strategies for Sports Coaching		3(2-2-5)
PE 092011 Evaluating Motor Skills in Physical Education and Sports		3(2-2-5)
PE 092023 Qualitative Research in Physical Education and Sports		2(1-2-3)
PE 092024 Management and Administration in Physical Education and Sports		3(2-2-5)
PE 092027 Physical Activities for Health		3(3-0-6)
PE 092029 Physical literacy and Sport Intelligence		3(3-0-6)

2.3) Thesis	Required to complete	12 credits
PE 112001 Thesis	12	credits

### **Foundation Course**

Required to study no fewer than 7 credits. In the case where an applicant does not hold an educational qualification and/or a degree in Physical Education, they must register for foundation/remedial courses totaling 7 credits, which will not count toward the degree requirements, from the following courses or other courses offered at the undergraduate level of the National Sports University, subject to the approval of the responsible instructor.

ED 011019 Educational Philosophy and Professional Teachers Characterization	3(3-0-6)
PE 011028 Foundation of Physical Education	2(2-0-4)
HE 001024 Anatomy and Physiology	3(3-0-6)

### **English for Graduate Studies**

In the case where an applicant does not have English test results as required by the announcement of the National Sports University regarding English language proficiency standards for graduate students, the applicant may register for the course "English for Graduate Studies" in order to develop their English language skills. Upon achieving a grade of S in the said course, this may be used as evidence in lieu of passing the English proficiency examination for graduate studies.

HU 051021 English For Graduate Study	3(3-0-6)
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## Study plan

### First year: First Semester

Course Code	Subject	credits
<b>1) Core Course Section</b>		
PE 091001	Paradigm of Physical Education and Sports	3(3-0-6)
PE 091002	Research and Innovation in Physical Education and Sports	3(2-2-5)
<b>2) Specific Course Section</b>		
PE 091004	Developing Curriculum and Active learning in Physical Education and Sports	3(3-0-6)
<b>Total</b>		<b>9</b>

### First year: Second Semester

Course Code	Subject	credits
<b>1) Core Course Section</b>		
PE 091003	Applied Statistics in Physical Education and Sports	3(3-0-6)
PE 101001	Seminar in Physical Education and Sport 1	1(1-0-2)
<b>2) Specific Course Section</b>		
PE 091007	Physical Education and Sports Assessment	3(3-0-6)
PE 091012	Program Development in Physical Education and Sports	3(2-2-5)
<b>3) Thesis</b>		
PE 112001	Thesis	3
<b>Total</b>		<b>13</b>

**Second year: Second Semester**

Course Code	Subject	credits
<b>1) Specific Course Section</b>		
PE 092019	Innovation and Creativity and Digital Technology in Physical Education and Sports	3(2-2-5)
<b>2) Specific Course Section</b>		<b>3</b>
PE xxxxxx	.....	.....
<b>3) Thesis</b>		
พล 112001	Thesis	3
<b>Total</b>		<b>9</b>

**Second year: Second Semester**

Course Code	Subject	credits
<b>1) Thesis</b>		
พล 112001	Thesis	6
<b>Total</b>		<b>6</b>

**Course Description**

**PE 091001                      Paradigm of Physical Education and Sports                      3(3-0-6)**

Principles, concepts, theories, physical education and sports, sports science, and appropriate exercise for different age groups. Applying Olympic education to life and the influence of physical education and sports on the context of the modern society.

**PE 091002                      Research and Innovation in Physical Education and                      3(2-2-5)**  
**Sports**

Principles, concepts, meanings, ethics, and research methodologies used in the development of knowledge and their application in physical education and sports. Practical research and innovation, reports, and presenting research findings.

**PE 091003                      Applied Statistics in Physical Education and Sports                      3(2-2-5)**

Meaning, types, and importance of statistics in research in physical education and sports. Data, parametric statistics, and non-parametric statistics. Choosing appropriate statistics for research problems, hypothesis testing, data analysis using software, interpretation of results, and presenting data analysis.

**PE 101001                      Seminar in Physical Education and Sport 1                      1(1-0-2)**

Literature review, discussion on knowledge, trends in physical education and sports of interest, to be applied to the thesis topic.

**PE 091004                      Developing Curriculum and Active learning                      3(3-0-6)**  
**in Physical Education and Sports.**

Principles of developing physical education and sports curriculum, curriculum analysis, research, and innovations related to physical education and sports curriculum, the competency-based curriculum in physical education and Sport Excellence curriculum, Applying principles, concepts, theories, models, and designing Active learning for physical education and sports. Learning in the context of the modern world.

**PE 091007                      Physical Education and Sports Assessment.                      3(3-0-6)**

Principles, concepts, and theories in the Instrument in Physical Education and Sports Assessment. Designing evaluation achievement Physical Education tests and Physical Fitness Sport skill, performance assessment, quality examination of instrument, Authentic Assessment and Scoring Rubrics, Norms, using technology in measurement and evaluation, and applying assessment results.

**PE 091012                      Program Development in Physical Education and Sports                      3(2-2-5)**

Theories, philosophies, goals, significances, and scopes of physical education and sports programming, process in physical education and sports program development, Designing physical education programming for health of physical education classes of different target groups, Designing exercise and sports programming to develop athletic ability, trend analysis for the development of physical education and sports programs.

**PE 092019                      Innovation and Creativity and Digital Technology in                      3(2-2-5)**  
**Physical Education and Sports.**

Principles, concepts, theories, models, types, and trends in innovation and digital technology physical education and sports, Application of innovation and digital technology for physical education learning and sports training. Techniques and strategies for using creativity to design innovation and digital technology in physical education and sports.

**PE 102002                      Seminar in Physical Education and Sport 2                      1(1-0-2)**

Discussion, design, research methodologies in physical education and sports, to be applied to thesis proposal.

**PE 091916                      Strategies for Sports Coaching                      3(2-2-5)**

Principles, concepts, theories of sports coaching, techniques and strategies for sports coaching, scientific principles in sports training, analysis, planning, and design of training programs, competition, and evaluation of training programs for elite athletes in different age groups.

**PE 092011                      Evaluating Motor Skills in Physical Education and Sports.                      3(2-2-5)**

Types and forms of motor skills in physical education and sports, the importance and objectives of assessing motor skills. Developing and finding quality tools for assessing motor skills in physical education and sports.

**PE 092023                      Qualitative Research in Physical Education and Sports                      2(1-2-3)**

Principles, concepts, theories, and research ethics, qualitative research methodology, data collection planning, data analysis, practice of qualitative research in physical education and sports, report writing, and research presentation.

**PE 092024                      Management and Administration in Physical Education                      3(2-2-5)**  
**and Sports.**

Principles, concepts, theories, models, and ethical principles in managing and administering physical education and sports. Analyzing management systems to adapt them to effective administration.

**PE 092027                                      Physical Activities for Health                                      3(3-0-6)**

Principles, concepts, significances, and goals of Physical Activities for Health, Lifestyle behavior and health, motivation to participate in Physical Activities for Health, trend of Physical Activities for Health, designing for Physical Activities for Health

**PE 092029                                      Physical literacy and Sport Intelligence                                      3(3-0-6)**

Principles, concepts, theories, and component of Physical literacy and Sport Intelligence, Instrument to measure Physical literacy and Sport Intelligence, designing activities to develop Physical literacy and Sport Intelligence

**PE 112001                                      Thesis                                      12 credits**

Thesis Research study on the issue of interest within the field of physical education and sports, under the guidance of the advisor.

**ED 011019                                      Educational Philosophy and Professional Teachers                                      3(3-0-6)**  
**Characterization**

Analyzing changes in the global societal context impacting education and the teaching profession through the study of educational philosophy, the history of Thai education management, educational development plans, teacher characteristics, ethics, morality, and professional ethics, instilling the spirit of teaching, laws related to the teaching profession, teacher professional standards, self-development according to teacher professional standards, and applying the philosophy of sustainable economics in practice.

**PE 011028**

**Foundation of Physical Education**

**2(2-0-4)**

To analyze and synthesize in history, philosophy, principles, morality, ethics in physical education and royal science related to the evolution of physical education. The concepts that influence on physical education and the national sports development plan related to the physical education profession.

**HE 001024**

**Anatomy and Physiology**

**3(3-0-6)**

Structure and development of the human body; classifications and functions of tissue and organ systems; association of functions of the organ systems, cells and tissues; body covering system, bone system, and muscular system; nervous system and special sensory organs; heart and circulatory system, immune system, respiratory system, endocrine system, digestive system, diuretic system, and reproductive system, including practice taking care of the various systems of the body to function normally.

**HU 051021**

**English For Graduate Study**

**3(3-0-6)**

English grammars and four communicative skills, technical terms and interpretation, various kinds of writing, i.e. essay, articles, reports, etc.

## Section 4: Graduation Requirements

### Graduation Requirements

- 1) Pass all courses as specified in the curriculum structure with a GPA of no less than 3.00.
- 2) Submit a completed thesis.
- 3) The thesis or part of the thesis must be published, or at least accepted for publication, in a quality national or international journal as specified by the Higher Education Standards Committee, or presented at an academic conference whereby the full paper has been published in the conference proceedings.
- 4) English proficiency test results must meet the university's announcement on English Language Proficiency Standards for Graduate Students.
- 5) Achieve the learning outcomes specified by the program.