



Doctor of Philosophy Program in Sports and Exercise Science
Faculty of Sports Science, Chulalongkorn University

Program Code and Titles

Program Code 25500011110705
Program Title Doctor of Philosophy Program in Sports and Exercise Science

Degree Title and Field of Study

Degree Title

Full Title (English): Doctor of Philosophy

Abbreviation (English): Ph.D.

Field of Study in Transcript

FIELD OF STUDY:

Sports and Exercise Science : Sports Performance Enhancement or
: Exercise Physiology or
: Health Promotion or
: Sports Management or
: Recreation and Sports Tourism Management

Total credits throughout the program 48 credits

Doctoral of Philosophy Program in Sports and Exercise Science, Faculty of Sports Science, Chulalongkorn University, collaborates in an academic network with educational institutions in Thailand. The collaboration networks which involve sharing knowledge, studying practices, and exchanging experiences. Teaching and research-related equipment/instruments include the Sports Authority of Thailand, Ministry of Tourism and Sports, Ministry of Public Health, Ministry of Culture, National Olympic Committee of Thailand, Sports Association of Thailand, Bunditpatanasilp Institute of Fine Arts. Additionally, academic collaborations with international Sports Science educational institutions involve visiting, teaching and learning activities, and performing collaborative research with universities such as Indiana University Bloomington in USA and Tohoku University in Japan under the Memorandum of Understanding (MOU) with Chulalongkorn University.



Career options after graduating:

1. Teachers and researchers in the field of Sports and Exercise Science, specializing in sports performance (Sports Physiology, Sports Biomechanics, Sports Psychology, Sports Nutrition), Exercise Physiology, health promotion, sports management, recreational and sports tourism management
2. Consultants and academics specializing in Sports and Exercise Science, including sports performance (Sports Physiology, Sports Biomechanics, Sports Psychology, Sports Nutrition), Exercise Physiology, health promotion, sports management, recreational and sports tourism management
3. Manager in Promotion and Development Projects and executives of company in the field of Sports and Exercise Science, specializing in sports performance (Sports Physiology, Sports Biomechanics, Sports Psychology, Sports Nutrition), Exercise Physiology, health promotion, sports management, recreational and sports tourism management
4. Sports Developer (in recreation) and local Tourism Development Officers in the Provincial Tourism Development Office.
5. Occupations within organizations related to sports tourism industry, health tourism, recreation, and various related event including sports event competition organizers, such as sports tourism and health tourism business operators, sales and marketing personnel in the sports tourism and health tourism industry, employees in Sports Tourism Centers, Health Tourism Centers, event business, and other service-related businesses such as spas, golf courses, homestays, etc.

Study Location

Faculty of Sports Science, Chulalongkorn University

Program Philosophy

The program philosophy is to produce high-level academics who possess both knowledge and moral values in the field of sports and exercise science. They are crucial forces in driving and promoting policies related to sports and health through advanced excellent research studies. This will lead to transformative changes in our country and the global society.



Program of Objectives

1. To produce graduates with knowledge and skills in sports and exercise science who are leaders of academics, research, and management. They have capacity to think, analyze, apply and integrate new knowledge to solve complex problems in the field of sports and exercise science.

2. To conduct research in the field of sports and exercise science and establish connections between knowledge in sports and exercise science and other disciplines.

3. To produce graduates with knowledge, ethical values, problem-solving skills, and awareness of up-and-coming technological inventions. This will contribute to the development of the country in the areas of sports and exercise science.

Educational management system

Semester system: Each semester consists of a maximum of 15 credits, with a minimum of 15 weeks of study. The total duration is 3 years. The minimum study period includes at least 6 semesters and a maximum of 12 semesters.

Academic Calendar:

First Semester: August - December

Second Semester: January – May

Program Structure:

Total credits throughout the program 48 credits

a total duration of the program of 3 years. The minimum study period includes at least 6 semesters and a maximum of 12 semesters.

Program Structure

	Type 1.1	Type 2.1
Number of course credit	-	12
- Corequisite	-	6
- Specialized core courses	-	3
- Elective courses	-	3
Number of thesis credit	48	36
Total credits throughout the program	48	48



Note

1. If students enrolling in the program have insufficient knowledge according to the program, they may be required to take specialized courses in the field or additional elective courses, based on the approval of the advisor and the program management committee.
2. Students must enroll for course 3900894 - Doctoral Dissertation Seminar every semester until they complete their studies. This course will not be counted toward credit and will be assessed as S/U. However, students must receive an S in the final semester before completing their studies.
3. If any courses are taught by professors from international institutions, the instruction will be conducted in English.
4. Students are required to present their academic works at least once at the national level or at the international level through oral presentations or poster presentations. (The registration fee for participating in international academic conferences, whether in-country or abroad, is not included in the tuition fees. Students are responsible for covering the expenses associated with registering for and attending international conferences.) In abnormal situations such as epidemics, natural disasters, or political issues, students may be exempted from studying abroad or participating in conferences and may participate through electronic media. This is subject to the approval of the program management committee on a case-by-case basis.
5. Students are required to do study visit abroad (The registration fee for participating in international academic conferences (in-country or abroad) and the expenses for study visits are not included in tuition fees. Students are responsible for covering the expenses for participating in international academic conferences and study visits.) In abnormal situations such as epidemics, natural disasters, or political issues, students may be exempted from studying abroad. This is subject to the approval of the program management committee on a case-by-case basis.



Courses

Course code meaning

- 3900 Common Course
- 3915 Sports Performance Enhancement
- 3916 Exercise Physiology
- 3917 Health Promotion
- 3918 Sports Management
- 3919 Recreation and Sports Tourism Management

Corequisite (Type 2.1)

6

Credits

- | | | |
|---------|---|-----------|
| 3900604 | ADVANCED STATISTICS IN SPORTS AND EXERCISE SCIENCE | 3 (2-2-8) |
| 3900605 | ADVANCED RESEARCH DESIGN IN SPORTS AND EXERCISE SCIENCE | 3(2-2-8) |

Specialized core courses (Type 2.1)

3

Credits

1. Sports Performance Enhancement
 - 3915606 SPORTS SCIENCE FOR ENHANCING ELITE ATHLETIC PERFORMANCE 3(2-2-8)
2. Exercise Physiology
 - 3916605 CLINICAL EXERCISE PHYSIOLOGY 3(2-2-8)
3. Health Promotion
 - 3917605 STRATEGIC PLANNING AND POLICY ADVOCACY IN HEALTH PROMOTION 3(3-0-9)
4. Sports Management
 - 3918606 STRATEGIC SPORTS MANAGEMENT 3(3-0-9)
5. Recreation and Sports Tourism Management
 - 3919601 STRATEGY AND POLICY IN RECREATION AND SPORTS TOURISM MANAGEMENT 3(3-0-9)



Elective Course (Type 2.1)

3 Credits

Students must choose to enroll in at least 3 credits of elective courses from the same field of study as the specialized core courses they have enrolled for.

1. Sports Performance Enhancement

3915607	CURRENT ISSUES AND TRENDS IN SPORTS PHYSIOLOGY	3(3-0-9)
3915608	CURRENT ISSUES AND TRENDS IN SPORTS NUTRITION	3(3-0-9)
3915609	CURRENT ISSUES AND TRENDS IN SPORTS BIOMECHANICS	3(3-0-9)
3915610	CURRENT ISSUES AND TRENDS IN SPORTS PSYCHOLOGY AND MOTOR SKILLS	3(3-0-9)

2. Exercise Physiology

3916606	CURRENT ISSUES AND TRENDS IN NEURO-MUSCULAR EXERCISE PHYSIOLOGY	3(2-2-8)
3916607	CURRENT ISSUES AND TRENDS IN CARDIO-RESPIRATORY EXERCISE PHYSIOLOGY	3(2-2-8)

3. Health Promotion

3917606	CURRENT ISSUES AND TRENDS IN HEALTH PROMOTION	3(3-0-9)
3917607	SPECIAL TOPICS IN HEALTH PROMOTION	3(3-0-9)

4. Sports Management

3918607	CURRENT ISSUES AND TRENDS IN SPORT INDUSTRY	3(3-0-9)
3918608	SPECIAL TOPICS IN SPORTS MANAGEMENT	3(3-0-9)

5. Recreation and Sports Tourism Management

3919602	CURRENT ISSUES AND TRENDS IN RECREATION AND SPORTS TOURISM	3(3-0-9)
3919603	ORGANIZATIONAL BEHAVIOR IN RECREATION AND SPORTS TOURISM BUSINESS	3(3-0-9)



In addition to the elective courses mentioned above, students are allowed to choose and enroll in other graduate-level courses offered by Chulalongkorn University or other universities, with the approval of the Graduate Program Management Committee of Sports and Exercise Science.

Dissertation

3900828	DISSERTATION (Type 1.1)	48 (0-192-0)
3900826	DISSERTATION (Type 2.1)	36 (0-144-0)

Doctoral Dissertation Seminar

3900894	DOCTORAL DISSERTATION SEMINAR	S/U
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Qualifying Examination

3900897	QUALIFYING EXAMINATION	S/U
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- Note:**
1. To enhance the foundational learning and knowledge development, students may be assigned to register for courses in the master's or Doctoral programs in the field of Sports and Exercise Science, based on the approval of their academic advisor and the program management committee of the Doctoral program in Sports and Exercise Science.
 2. Students are eligible to take the qualification examination only after being approved by the program management committee and registering for the qualification examination course. They can register for the qualification examination starting from the first semester of their enrollment. It is required for students to pass the qualification examination and obtain the "S" symbol within the specified date during the program.

Admission Selection

Admission to the program follows the guidelines provided in the application handbook, which will be announced by the Graduate School in each academic year, or regarding the acceptance by the Graduate Program Management Committee.



Qualifications of applicants:

Regular Method

Type 1.1 Research-oriented program with thesis only (holder of a master's degree)

1. Completed a master's degree in Sports and Exercise Science, or a related field, or an equivalent educational qualification. Applicants must have a minimum cumulative GPA of 3.50 on a 4.0 scale system or have at least 2 year of relevant work experience after completing a master's degree
2. Must be or have been a high-level executive of a government or private sector organization, a academic, a researcher, or an expert with at least 2 years of experience and research work related to sports, physical exercise, health promotion, sports management, and recreation and sports tourism management.
3. The applicant must specify one desired specialization in the application form. The available specializations are as follows:
 - Sports Performance Enhancement
 - Exercise Physiology
 - Health Promotion
 - Sports Management
 - Recreation and Sports Tourism Management
4. Adequate score in English proficiency test as determined by the university's criteria

Type 2.1 Research-oriented program with thesis and classes (holder of a master's degree)

1. Completed a master's degree in Sports and Exercise Science, or a related field, or an equivalent educational qualification. Applicants must have a minimum cumulative GPA of 3.50 on a 4.0 scale system or have at least 1 year of relevant work experience after completing a master's degree
2. The applicant must specify one desired specialization in the application form. The available specializations are as follows:
 - Sports Performance Enhancement
 - Exercise Physiology



- Health Promotion
 - Sports Management
 - Recreation and Sports Tourism Management
3. Adequate score in English proficiency test as determined by the university's criteria

Alternative method

1. Completed or in a last semester of a master's degree in Sports and Exercise Science, or a related field, or an equivalent educational qualification. Applicants must have a minimum cumulative GPA of 3.75 on a 4.0 scale system or have an academic achievement from thesis publication in an international journal in ISI or SCOPUS database.
2. The applicant must specify one desired specialization in the application form. The available specializations are as follows:
 - a. Sports Performance Enhancement
 - b. Exercise Physiology
 - c. Health Promotion
 - d. Sports Management
 - e. Recreation and Sports Tourism Management
3. Adequate score in English proficiency test as determined by the university's criteria

Class schedule

Regular Program (During Office Hours) Monday – Friday (During Office Hours)

Enrollment Fee/Tuition Fee : Biological Sciences Group (2)

For Thai students

First and Second Semester	Tuition fee per semester is 35,000 Baht.
Summer Semester	Tuition fee per semester is 8,750 Baht.

For international students

First and Second Semester	Tuition fee per semester is 97,700 Baht.
Summer Semester	Tuition fee per semester is 51,650 Baht.



The criteria for graduation

Type 1.1 (holder of a master's degree)

- Pass a foreign language proficiency test, at least 1 language, such as English.
- Pass the Qualifying Examination
- Present and pass the thesis examination through a final oral examination (open to interested participants).
- Thesis publication (for Biological Sciences and Physical Sciences programs).

Publication of the thesis or a portion of the thesis must be published or accepted for publication in a national or international academic journal with quality according to the criteria announced by the Higher Education Commission, titled Criteria for evaluating academic journals for the publication of academic research, for at least 2 papers, and at least 1 paper in an international journal.

- For other criteria, students must present academic work at the national level through oral presentations or at the international level through oral presentations or poster presentations. Also, students must have study visit abroad at least once.

Type 2.1 (holder of a master's degree)

- Completion of the required number of credits specified in the curriculum with a cumulative grade point average (GPA) of not less than 3.00 (4.00 scale system.)
- Pass a foreign language proficiency test, at least 1 language, such as English.
- Pass the Qualifying Examination
- Present and pass the thesis examination through a final oral examination (open to interested participants).
- Thesis publication (for Biological Sciences and Physical Sciences programs).

Publication of the thesis or a portion of the thesis must be published or accepted for publication in a national or international academic journal with quality according to the criteria announced by the Higher Education Commission, titled Criteria for evaluating academic journals for the publication of academic research, for at least 1 paper.



- ☑ For other criteria, students must present academic work at the national level through oral presentations or at the international level through oral presentations or poster presentations. Also, students must have study visit abroad at least once.

ทั้งนี้ เป็นไปตามข้อบังคับจุฬาลงกรณ์มหาวิทยาลัย ว่าด้วยการศึกษาในระดับบัณฑิตศึกษา พ.ศ. 2561

Scholarships

❖ Educational Support Fund

<https://www.grad.chula.ac.th/scholarship.php?type=1>

- Chulalongkorn University 100th Anniversary Scholarships for the Doctoral Program
- Scholarship for graduate studies at Chulalongkorn University to celebrate the 72nd anniversary of His Majesty the King's reign.
- Scholarship for graduate studies at Chulalongkorn University to celebrate the 72nd anniversary of His Majesty the King's reign (for students of the Scholarship Project under the patronage of His Majesty King Maha Vajiralongkorn).
- Scholarship for graduate studies to commemorate the 60th anniversary of Her Royal Highness Princess Maha Chakri Sirindhorn 's birth.
- Scholarship for graduate studies at Chulalongkorn University for the Princess Sirivannavari Cultivated Arts Foundation.
- Scholarship for students pursuing a doctoral or master's degree in fields related to Thai studies.
- Scholarship for tuition fees under the 60/40 scheme.
- Scholarship for students serving as teaching assistants.
- Scholarship for students serving as research assistants.
- Scholarship for international students.
- Scholarship for students with outstanding abilities in sports.
- High-quality graduate research development project in science and technology by Chulalongkorn University and the National Science and Technology Development Agency (NSTDA).
- Scholarship for lifelong learning.



- Graduate development project between Chulalongkorn University and the Stockholm Environment Institute (SEI).

❖ **Research Support Fund** <https://www.grad.chula.ac.th/scholarship.php?type=2>

- Chulalongkorn University's 90th Anniversary Scholarship
- Thesis Research Scholarship for students
- Scholarship to support thesis research for the "Chulalongkorn Sufficiency" project
- Scholarship to support doctoral and master's students for research abroad
- Scholarship to support doctoral graduates to present their academic work abroad
- Scholarship to support doctoral and master's students to present their academic work in Thailand
- Post-Doctoral Project Scholarship
- Graduate Research Scholarship from the National Research Council of Thailand

❖ **Scholarship** Programme for ASEAN and NON-ASEAN Countries (Graduate Scholarship Programme)

http://www.academic.chula.ac.th/international_scholarship.html