

Part IV: Exhibits

C. Programme specification

Bachelor of Science Program in Sports and Exercise Science
(Revised Curriculum, Academic Year 2018)

Name of Institution Srinakharinwirot University

Name of Faculty Faculty of Physical Education

1. Code and name of the programme

Code: 25550091103937

Name: Bachelor of Science Program in Sports and Exercise Science

2. Degree Title

Full title: Bachelor of Science (Sports and Exercise Science)

Abbreviation: B.Sc. (Sports and Exercise Science)

3. Total number of credits

At least 124 credits

4. Programme characteristics

4.1 Programme type

Four years programme

4.2 Language of instruction

Communication in Thai and English, use Thai and English textbooks and articles

4.3 Admission

Thai national and non-thai, who can learn in Thai

4.4 Collaboration with other institutions

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5. Curriculum status and approval

This is the latest programme of Bachelor of Science Program in Sports and Exercise Science that was revised from the old programme (Bachelor of Science Program in Sports and Exercise Science, revised curriculum, academic year 2012) and implemented in the 1st semester of academic year 2018. This programme was approved as followed

1. Approved by the University Undergraduate Executive Committee on 21st November 2017
2. Approved by the University Academic Council on 27th February 2018
3. Approved by the University Council on 8th May 2018

6. Readiness to publish quality and standardized curriculum

The curriculum got approval based on the Thai Qualification Framework from the Office of the Higher Education Commission in 2019.

7. Possible careers for the graduates

- 7.1 Exercise and sports scientist
- 7.2 Sports coaching and exercise trainer
- 7.3 Sports and exercise academic officer
- 7.4 Manager/Organizer in the projects related to sports and exercise
- 7.5 Exercise instructor in establishment
- 7.6 Employee in government agencies, state enterprises, or private sectors related to sports and exercise science
- 7.7 Self-employed person related to sports and exercise

8. Lecturers responsible for the programme

No.	Name	Qualification	University
1	Lect. Dr. Wacharee Rittiwat	B.Sc. (Sport Science), 1999 M.Sc. (Sports Science), 2003 Ph.D. (Sport Science and Health), 2014	Mahidol University Mahidol University Srinakharinwirot University
2	Asst. Dr. Prasit Peepathum	B.Sc. (Sport Science), 2002 M.Sc. (Sports Science), 2005 Ph.D. (Sport Science and Health), 2014	Srinakharinwirot University Srinakharinwirot University Srinakharinwirot University
3	Lect. Nutcharee Senakham	BN.S. (Nursing Science), 1995 M.Sc. (Sports Science), 2005	Mahidol University Mahidol University
4	Lect. Dr. Panuwat Wachirathanin	B.Sc. (Sport Science), 2006 M.Sc. (Sports Science), 2009 Ph.D. (Sport Science and Health), 2014	Srinakharinwirot University Srinakharinwirot University Srinakharinwirot University
5	Lect. Dr. Krirkwit Phongsri	B.Sc. (Sport Science), 2004 M.Sc. (Sports Science), 2006 Ph.D. (Sports and Exercise Science), 2017	Srinakharinwirot University Srinakharinwirot University Srinakharinwirot University

9. Place of instruction

Faculty of Physical Education, Srinakharinwirot University, Ongkharak

10. Relation with other programme in the university

General education courses: Innovative Learning Center

Specific Requirement Courses: Faculty of Science

Free Elective Courses: Any Faculty or Center

11. Academic system

One academic year is divided into 2 normal semesters with 15 weeks for each semester.

12. Programme execution

First semester August – December

Second semester January – May

13. Programme structure

Courses	Credits
1. General Education Courses	30
2. Specific Requirement Courses	82
2.1 Science and Mathematic Core Courses	15
2.2 Basic Professional Courses	22
2.3 Profession Courses	45
2.3.1 Restricted Profession Courses	33
2.3.2 Restricted Elective Courses	12
3. Free Elective Courses	6
4. Practicum Courses	6
Total not less than	124

14. Study plan

14.1 Study plan for Practicum Courses

Year 1 Semester 1

Code	Name	Credit
Restricted Courses		
SWU 121	English for Effective Communication	3(2-2-5)
SWU 141	Life in a Digital World	3(3-0-6)

Code	Name	Credit
SWU 151	General Education for Human Development	3(3-0-6)
BI 101	Biology I	3(3-0-6)
BI 191	Biology Laboratory I	1(0-2-1)
SPS 101	Human Anatomy and Physiology I	2(1-2-3)
SPS 103	Introduction to Sports and Exercise Science	2(2-0-4)
SPS 105	Ethics for Sports Science I	1(0-2-1)
SPS 161	Athletics I	1(0-2-1)
SPS 162	Gymnastic	1(0-2-1)
Total		20

Year 1 Semester 2

Code	Name	Credit
Restricted Courses		
SWU 111	Thai for Communication	3(3-0-6)
SWU 122	English for Effective Communication II	3(2-2-5)
SWU 161	Human in Learning Society	2(2-0-4)
MA 113	Mathematics for Health Sciences	3(3-0-6)
SPS 102	Human Anatomy and Physiology II	2(1-2-3)
SPS 104	Sports Philosophy and Olympism	2(2-0-4)
SPS 163	Swimming	1(0-2-1)
Elective Courses		
SPS	Practical Profession (Elective 1)	1(0-2-1)
SPS	Practical Profession (Elective 2)	1(0-2-1)
Total		18

Year 2 Semester 1

Code	Name	Credit
Restricted Courses		
SWU 261	Active Citizens	3(3-0-6)
CH 100	General Chemistry I	3(3-0-6)
CH 190	General Chemistry Laboratory I	1(0-3-0)
PY 100	General Physics Laboratory	3(3-0-6)
SPS 206	Ethics for Sports Science II	1(0-2-1)
SPS 221	Sports and Exercise Physiology I	2(1-2-3)
SPS 223	Motor Learning and Development	2(2-0-4)
Elective Courses		
	Integrative Course (Elective 1)	

Code	Name	Credit
SWU	Practical Profession (Elective 3)	2(.....)
SPS	Theoretical Profession (เลือก 1)	1(0-2-1)
SPS		2(.....)
	Total	20

Year 2 Semester 2

Code	Name	Credit
Restricted Courses		
PY 180	General Physics	1(0-2-1)
SPS 207	Sports and Exercise Biochemistry	2(2-0-4)
SPS 208	English for Sports Science I	2(2-0-4)
SPS 222	Sports and Exercise Physiology II	2(1-2-3)
SPS 224	Sports and Exercise Psychology	2(2-0-4)
Elective Courses	Integrative Course (Elective 2)	2(.....)
SWU	Integrative Course (Elective 3)	2(.....)
SWU	Practical Profession (Elective 4)	1(0-2-1)
SPS	Theoretical Profession (Elective 2)	2(.....)
SPS	Free Elective (1)	2
	Total	18

Year 3 Semester 1

Code	Name	Credit
Restricted Courses		
SPS 309	English for Sports Science II	2(2-0-4)
SPS 311	Statistics Computer Programs for Sports Science	2(1-2-3)
SPS 325	Sports and Exercise Nutrition	2(2-0-4)
SPS 326	Sports Biomechanics	2(1-2-3)
SPS 327	Sports Management	2(2-0-4)
SPS 331	Principles of Sports Training and Exercise	2(1-2-3)
Elective Courses		
SWU	Integrative Course (Elective 4)	2(.....)
SPS	Practical Profession (Elective 5)	1(0-2-1)
SPS	Theoretical Profession (Elective 3)	2(.....)
	Free Elective (2)	2
	Total	19

Year 3 Semester 2

Code	Name	Credit
Restricted Courses		
SPS 312	Research Methodology in Sports and Exercise Science	2(1-2-3)
SPS 328	Sports Injury and Illness	2(2-0-4)
SPS 329	Sports and Exercise Pedagogy	2(1-2-3)
SPS 332	Exercise Testing and Prescription	2(1-2-3)
SPS 333	Sports Performance Assessment	2(1-2-3)
SPS 334	Sports and Exercise Leadership	2(2-0-4)
Elective Courses		
SWU	Integrative Course (Elective 5)	2(.....)
SWU	Practical Profession (Elective 6)	1(0-2-1)
	Free Elective (3)	2
	Total	17

Year 4 Semester 1

Code	Name	Credit
Restricted Courses		
SPS 413	Integrative Course (Elective	2(2-0-4)
SPS 435	Innovations and Technology in Sports and Exercise	2(1-2-3)
SPS 436	Senior Projects	2(0-4-2)
	Total	6

Year 4 Semester 2

Code	Name	Credit
Restricted Courses		
SPS 501	Practicum in Sports and Exercise Science	6(0-18-0)
	Total	6

14.1 Study plan for Cooperative Courses

Study plan for the year 1 semester 1 to year 4 semester 1 of the Cooperative course is similar to the study plan for Practicum course. The exception is in the year 4 semester 2 as shown in the following table;

Year 4 Semester 2

Code	Name	Credit
Restricted Courses		
SPS 502	สหกิจศึกษา	6(0-18-0)
	Total	6