

**Course Structure for Ph. D Program**  
**Department of Physical Education and Sport Sciences**  
**National Taiwan Normal University**

Adaptive to Class of	Required Credit(s)	Elective Credit(s)	Free Elective Credit(s)	Minimum Total Credits for Graduation
111	Group of Sport Literature, History and Philosophy 3.0 Group of Sport Pedagogy 3.0 Group of Sport and Recreation Industry Management 3.0 Group of Sport Physiology 3.0 Group of Sports Biomechanics 3.0 Group of Physical Activity Psychology 3.0 Graduate Program in English 0.0	Group of Sport Literature, History and Philosophy 12.0 Group of Sport Pedagogy 12.0 Group of Sport and Recreation Industry Management 12.0 Group of Sport Physiology 12.0 Group of Sports Biomechanics 12.0 Group of Physical Activity Psychology 12.0 Graduate Program in English 15.0	Group of Sport Literature, History and Philosophy 15.0 Group of Sport Pedagogy 15.0 Group of Sport and Recreation Industry Management 15.0 Group of Sport Physiology 15.0 Group of Sports Biomechanics 15.0 Group of Physical Activity Psychology 15.0 Graduate Program in English 15.0	Group of Sport Literature, History and Philosophy 30.0 Group of Sport Pedagogy 30.0 Group of Sport and Recreation Industry Management 30.0 Group of Sport Physiology 30.0 Group of Sports Biomechanics 30.0 Group of Physical Activity Psychology 30.0 Graduate Program in English 30.0

Note: The first alphabet "E" on the course name refers to the course in English as a medium of instruction

**I. Required Courses: 0.0 credit is required**

**II. Elective Courses: 0.0 credit is required**

**III. Courses Offered to Students in Different Divisions**

A-1. Required Course for Group of Sport Literature, History and Philosophy, 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PED0012	1 Topics in Sport Science	3.0	3.0	0.0	

A-2. Elective Course for Group of Sport Literature, History and Philosophy, 12.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
<b>1 Core curriculum 3.0 credits are required</b> Choose 1 course from 2					
PEC0107	1-1 Studies in Sport Experience	3.0	3.0	0.0	
PEC8003	1-2 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
<b>2 General elective courses 6.0 credits are required</b>					
PEC0005	2-1 Advanced Comparative Physical Education and Sport	3.0	3.0	0.0	
PEC0013	2-2 Research Methods in Sport Biomechanics	3.0	3.0	0.0	
PEC0016	2-3 Special Topics on Sport and Legal Issues	3.0	3.0	0.0	
PEC0023	2-4 Biochemistry	3.0	3.0	0.0	
PEC0028	2-5 Special Topics in Exercise Biochemistry	3.0	3.0	0.0	
PEC0029	2-6 Seminar in Sport Techniques	3.0	3.0	0.0	
PEC0030	2-7 E Advances Sport Nutrition	3.0	3.0	0.0	
PEC0031	2-8 Qualitative Research Methods in Physical Education	3.0	3.0	0.0	
PEC0035	2-9 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0	
PEC0036	2-10 Special Topics on Physical Education Curricula	3.0	3.0	0.0	
PEC0039	2-11 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0	
PEC0040	2-12 Special Topics in Exercise and Disease	3.0	3.0	0.0	
PEC0050	2-13 Special Topics in Electromyographic Analysis	3.0	3.0	0.0	
PEC0051	2-14 Special Topics in Human Gait Analysis	3.0	3.0	0.0	
PEC0069	2-15 Special Topics on Dynamic System Approaches in Biomechanics	3.0	3.0	0.0	
PEC0071	2-16 Seminar in Sports Philosophy	3.0	3.0	0.0	
PEC0075	2-17 Public Relations and Physical Education and Sport	3.0	3.0	0.0	
PEC0076	2-18 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0081	2-19 Special Topics in Exercise Physiology	3.0	3.0	0.0	
PEC0085	2-20 Seminar in Aging and Physical Fitness	3.0	3.0	0.0	
PEC0090	2-21 Administration and Management of Physical Education in Schools	3.0	3.0	0.0	
PEC0092	2-22 Special Topics on Applied Physical Education	3.0	3.0	0.0	
PEC0103	2-23 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC0104	2-24 Analytical Study of Selected Topics in Sport Science	3.0	3.0	0.0	
PEC0105	2-25 Studies in Philosophy of Sport Embodiment	3.0	3.0	0.0	
PEC0106	2-26 Studies in Modern Taiwanese Physical Education and Sport History	3.0	3.0	0.0	
PEC8002	2-27 Sports History: Studies and Practices	3.0	3.0	0.0	
PEC0109	2-28 Special Topics on Sports Culture	3.0	3.0	0.0	
PEC0110	2-29 Studies in Women's Sport History	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0115	2-30 E Special Topics on Motor Learning	3.0	3.0	0.0	
PEC0116	2-31 Special Topics on Motor Control	3.0	3.0	0.0	
PEC0117	2-32 Special Topics on Motor Development	3.0	3.0	0.0	
PEC0118	2-33 Special Topics on Physical Activity Psychology	3.0	3.0	0.0	
PEC0119	2-34 Learning and Motor Learning Theories	3.0	3.0	0.0	
PEC0120	2-35 Ecological Psychology in Motor Behavior	3.0	3.0	0.0	
PEC0121	2-36 Special Topics on Sport Psychophysiology	3.0	3.0	0.0	
PEC0122	2-37 Special Topics on Exercise Psychophysiology	3.0	3.0	0.0	
PEC0123	2-38 Special Topics on Psychophysiological Measurements in Physical Activity	3.0	3.0	0.0	
PEC0124	2-39 Special Topics on Physical Activity Motivation	3.0	3.0	0.0	
PEC0125	2-40 Advanced Sport Biomechanics	3.0	3.0	0.0	
PEC0126	2-41 Studies in Kinesiology	3.0	3.0	0.0	
PEC0127	2-42 Application of Advance Dynamics in Biomechanics	3.0	3.0	0.0	
PEC0128	2-43 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0	
PEC0129	2-44 Bioengineering and Biomechanics	3.0	3.0	0.0	
PEC0130	2-45 Selected topics of Sports Equipment Design	3.0	3.0	0.0	
PEC0131	2-46 Advanced Exercise Physiology (Including Experiments)	3.0	0.0	6.0	
PEC0133	2-47 Research on Physical Fitness and Exercise Prescription	3.0	3.0	0.0	
PEC0134	2-48 Sport Medicine	3.0	3.0	0.0	
PEC0135	2-49 Exercise Immunology	3.0	3.0	0.0	
PEC0136	2-50 Speical Topics on Principles of Physical Education	3.0	3.0	0.0	
PEC0137	2-51 Organizational Behavior in Physical Education and Sport	3.0	3.0	0.0	
PEC0138	2-52 Human Resource Management in Physical Education	3.0	3.0	0.0	
PEC0139	2-53 Special Topics on Sport and Recreational Facilities	3.0	3.0	0.0	
PEC0142	2-54 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0143	2-55 Studies in Sport Psychology	3.0	3.0	0.0	
PEC0144	2-56 Studies in Coaching Psychology	3.0	3.0	0.0	
PEC8004	2-57 Philosophy of Play	3.0	3.0	0.0	
PED0009	2-58 Seminar in Recreational Education	3.0	3.0	0.0	
PED0011	2-59 Special Topics on theory of Measurement	3.0	3.0	0.0	
PED0025	2-60 Special Topics in Sport Marketing	3.0	3.0	0.0	
PED0052	2-61 Policy Analysis in Physical Education	3.0	3.0	0.0	
PED0056	2-62 Studies in Physical Education Curricula in Higher Education	3.0	3.0	0.0	
PEC8005	2-63 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PED0065	2-64 Special Topics in Management of Physical Education and Sports	3.0	3.0	0.0	
PED0066	2-65 Special Topics in Physical Education Teaching	3.0	3.0	0.0	
PEC8006	2-66 Studies in Sports History and Sociology	3.0	3.0	0.0	
PED0071	2-67 Paradigms and Critiques of Motor Behavior Research	3.0	3.0	0.0	
PED0072	2-68 Paradigms and Critiques of Physical Activity Psychology Research	3.0	3.0	0.0	
PED0073	2-69 Theory and Application of Sport Sensors	3.0	3.0	0.0	
PED0074	2-70 Topics on Instrumentations in Sports Biomechanics	3.0	3.0	0.0	
PED0075	2-71 Advanced Human Physiology	3.0	3.0	0.0	
PED0076	2-72 Special Topics on Sprot Sociology	3.0	3.0	0.0	
PED0077	2-73 Special Topics on Teacher Education- Physical Education	3.0	3.0	0.0	
PEC8007	2-74 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	
PEC8008	2-75 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC8009	2-76 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PEC0146	2-77 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-78 Special Topics on Sport Economics	3.0	3.0	0.0	
PED0013	2-79 Statistics and Experimental Design(II)	3.0	3.0	0.0	
PEC8011	2-80 E Studies in Olympic Culture	3.0	3.0	0.0	
PEC8010	2-81 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	

## B-1. Required Course for Group of Sport Pedagogy, 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PED0012	1 Topics in Sport Science	3.0	3.0	0.0	

## B-2. Elective Course for Group of Sport Pedagogy, 12.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note			
			Lecture Hour	Lab/Practice Hour				
<b>1 Core curriculum 6.0 credits are required</b>								
Choose 2 courses from 3								
PED0077	1-1 Special Topics on Teacher Education- Physical Education	3.0	3.0	0.0				
PED0056	1-2 Studies in Physical Education Curricula in Higher Education	3.0	3.0	0.0				
PED0066	1-3 Special Topics in Physical Education Teaching	3.0	3.0	0.0				
<b>2 General elective courses 3.0 credits are required</b>								
PEC0005	2-1 Advanced Comparative Physical Education and Sport	3.0	3.0	0.0				
PEC0013	2-2 Research Methods in Sport Biomechanics	3.0	3.0	0.0				
PEC0016	2-3 Special Topics on Sport and Legal Issues	3.0	3.0	0.0				
PEC0023	2-4 Biochemistry	3.0	3.0	0.0				
PEC0028	2-5 Special Topics in Exercise Biochemistry	3.0	3.0	0.0				
PEC0029	2-6 Seminar in Sport Techniques	3.0	3.0	0.0				
PEC0030	2-7 E Advances Sport Nutrition	3.0	3.0	0.0				
PEC0031	2-8 Qualitative Research Methods in Physical Education	3.0	3.0	0.0				
PEC0035	2-9 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0				
PEC0036	2-10 Special Topics on Physical Education Curricula	3.0	3.0	0.0				
PEC0039	2-11 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0				
PEC0040	2-12 Special Topics in Exercise and Disease	3.0	3.0	0.0				
PEC0050	2-13 Special Topics in Electromyographic Analysis	3.0	3.0	0.0				
PEC0051	2-14 Special Topics in Human Gait Analysis	3.0	3.0	0.0				
PEC0069	2-15 Special Topics on Dynamic System Approaches in Biomechanics	3.0	3.0	0.0				
PEC0071	2-16 Seminar in Sports Philosophy	3.0	3.0	0.0				
PEC0075	2-17 Public Relations and Physical Education and Sport	3.0	3.0	0.0				
PEC0076	2-18 E Special Topics in Sport Biomechanics	3.0	3.0	0.0				
PEC0081	2-19 Special Topics in Exercise Physiology	3.0	3.0	0.0				
PEC0085	2-20 Seminar in Aging and Physical Fitness	3.0	3.0	0.0				
PEC0090	2-21 Administration and Management of Physical Education in Schools	3.0	3.0	0.0				
PEC0092	2-22 Special Topics on Applied Physical Education	3.0	3.0	0.0				
PEC0103	2-23 E Biomechanics of Skeletal System	3.0	3.0	0.0				
PEC0104	2-24 Analytical Study of Selected Topics in Sport Science	3.0	3.0	0.0				
PEC0105	2-25 Studies in Philosophy of Sport Embodiment	3.0	3.0	0.0				
PEC0106	2-26 Studies in Modern Taiwanese Physical Education and Sport History	3.0	3.0	0.0				
PEC0107	2-27 Studies in Sport Experience	3.0	3.0	0.0				
PEC8002	2-28 Sports History: Studies and Practices	3.0	3.0	0.0				
PEC0109	2-29 Special Topics on Sports Culture	3.0	3.0	0.0				
PEC0110	2-30 Studies in Women's Sport History	3.0	3.0	0.0				
PEC0115	2-31 E Special Topics on Motor Learning	3.0	3.0	0.0				
PEC0116	2-32 Special Topics on Motor Control	3.0	3.0	0.0				
PEC0117	2-33 Special Topics on Motor Development	3.0	3.0	0.0				
PEC0118	2-34 Special Topics on Physical Activity Psychology	3.0	3.0	0.0				
PEC0119	2-35 Learning and Motor Leaning Theories	3.0	3.0	0.0				
PEC0120	2-36 Ecological Psychology in Motor Behavior	3.0	3.0	0.0				
PEC0121	2-37 Special Topics on Sport Psychophysiology	3.0	3.0	0.0				
PEC0122	2-38 Special Topics on Exercise Psychophysiology	3.0	3.0	0.0				
PEC0123	2-39 Special Topics on Psychophysiological Measurements in Physical Activity	3.0	3.0	0.0				
PEC0124	2-40 Special Topics on Physical Activity Motivation	3.0	3.0	0.0				
PEC0125	2-41 Advanced Sport Biomechanics	3.0	3.0	0.0				
PEC0126	2-42 Studies in Kinesiology	3.0	3.0	0.0				
PEC0127	2-43 Application of Advance Dynamics in Biomechanics	3.0	3.0	0.0				
PEC0128	2-44 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0				
PEC0129	2-45 Bioengineering and Biomechanics	3.0	3.0	0.0				
PEC0130	2-46 Selected topics of Sports Equipment Design	3.0	3.0	0.0				

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0131	2-47 Advanced Exercise Physiology (Including Experiments)	3.0	0.0	6.0	
PEC0133	2-48 Research on Physical Fitness and Exercise Prescription	3.0	3.0	0.0	
PEC0134	2-49 Sport Medicine	3.0	3.0	0.0	
PEC0135	2-50 Exercise Immunology	3.0	3.0	0.0	
PEC0136	2-51 Speical Topics on Principles of Physical Education	3.0	3.0	0.0	
PEC0137	2-52 Organizational Behavior in Physical Education and Sport	3.0	3.0	0.0	
PEC0138	2-53 Human Resource Management in Physical Education	3.0	3.0	0.0	
PEC0139	2-54 Special Topics on Sport and Recreational Facilities	3.0	3.0	0.0	
PEC0142	2-55 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0143	2-56 Studies in Sport Psychology	3.0	3.0	0.0	
PEC0144	2-57 Studies in Coaching Psychology	3.0	3.0	0.0	
PEC8004	2-58 Philosophy of Play	3.0	3.0	0.0	
PED0009	2-59 Seminar in Recreational Education	3.0	3.0	0.0	
PED0011	2-60 Special Topics on theory of Measurement	3.0	3.0	0.0	
PED0025	2-61 Special Topics in Sport Marketing	3.0	3.0	0.0	
PED0052	2-62 Policy Analysis in Physical Education	3.0	3.0	0.0	
PEC8005	2-63 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PED0065	2-64 Special Topics in Management of Physical Education and Sports	3.0	3.0	0.0	
PEC8003	2-65 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8006	2-66 Studies in Sports History and Sociology	3.0	3.0	0.0	
PED0071	2-67 Paradigms and Critiques of Motor Behavior Research	3.0	3.0	0.0	
PED0072	2-68 Paradigms and Critiques of Physical Activity Psychology Research	3.0	3.0	0.0	
PED0073	2-69 Theory and Application of Sport Sensors	3.0	3.0	0.0	
PED0074	2-70 Topics on Instrumentations in Sports Biomechanics	3.0	3.0	0.0	
PED0075	2-71 Advanced Human Physiology	3.0	3.0	0.0	
PED0076	2-72 Special Topics on Sprot Sociology	3.0	3.0	0.0	
PEC0146	2-73 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-74 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8007	2-75 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	
PEC8008	2-76 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC8009	2-77 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PED0013	2-78 Statistics and Experimental Design(II)	3.0	3.0	0.0	
PEC8011	2-79 E Studies in Olympic Culture	3.0	3.0	0.0	
PEC8010	2-80 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	

C-1. Required Course for Group of Sport and Recreation Industry Management, 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PED0012	1 Topics in Sport Science	3.0	3.0	0.0	

C-2. Elective Course for Group of Sport and Recreation Industry Management, 12.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
1 Core curriculum 6.0 credits are required					
PED0065	1-1 Special Topics in Management of Physical Education and Sports	3.0	3.0	0.0	
PED0009	1-2 Seminar in Recreational Education	3.0	3.0	0.0	
2 General elective courses 3.0 credits are required					
PEC0005	2-1 Advanced Comparative Physical Education and Sport	3.0	3.0	0.0	
PEC0013	2-2 Research Methods in Sport Biomechanics	3.0	3.0	0.0	
PEC0016	2-3 Special Topics on Sport and Legal Issues	3.0	3.0	0.0	
PEC0023	2-4 Biochemistry	3.0	3.0	0.0	
PEC0028	2-5 Special Topics in Exercise Biochemistry	3.0	3.0	0.0	
PEC0029	2-6 Seminar in Sport Techniques	3.0	3.0	0.0	
PEC0030	2-7 E Advances Sport Nutrition	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0031	2-8 Qualitative Research Methods in Physical Education	3.0	3.0	0.0	
PEC0035	2-9 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0	
PEC0036	2-10 Special Topics on Physical Education Curricula	3.0	3.0	0.0	
PEC0039	2-11 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0	
PEC0040	2-12 Special Topics in Exercise and Disease	3.0	3.0	0.0	
PEC0050	2-13 Special Topics in Electromyographic Analysis	3.0	3.0	0.0	
PEC0051	2-14 Special Topics in Human Gait Analysis	3.0	3.0	0.0	
PEC0069	2-15 Special Topics on Dynamic System Approaches in Biomechanics	3.0	3.0	0.0	
PEC0071	2-16 Seminar in Sports Philosophy	3.0	3.0	0.0	
PEC0075	2-17 Public Relations and Physical Education and Sport	3.0	3.0	0.0	
PEC0076	2-18 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0081	2-19 Special Topics in Exercise Physiology	3.0	3.0	0.0	
PEC0085	2-20 Seminar in Aging and Physical Fitness	3.0	3.0	0.0	
PEC0090	2-21 Administration and Management of Physical Education in Schools	3.0	3.0	0.0	
PEC0092	2-22 Special Topics on Applied Physical Education	3.0	3.0	0.0	
PEC0103	2-23 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC0104	2-24 Analytical Study of Selected Topics in Sport Science	3.0	3.0	0.0	
PEC0105	2-25 Studies in Philosophy of Sport Embodiment	3.0	3.0	0.0	
PEC0106	2-26 Studies in Modern Taiwanese Physical Education and Sport History	3.0	3.0	0.0	
PEC0107	2-27 Studies in Sport Experience	3.0	3.0	0.0	
PEC8002	2-28 Sports History: Studies and Practices	3.0	3.0	0.0	
PEC0109	2-29 Special Topics on Sports Culture	3.0	3.0	0.0	
PEC0110	2-30 Studies in Women's Sport History	3.0	3.0	0.0	
PEC0115	2-31 E Special Topics on Motor Learning	3.0	3.0	0.0	
PEC0116	2-32 Special Topics on Motor Control	3.0	3.0	0.0	
PEC0117	2-33 Special Topics on Motor Development	3.0	3.0	0.0	
PEC0118	2-34 Special Topics on Physical Activity Psychology	3.0	3.0	0.0	
PEC0119	2-35 Learning and Motor Learning Theories	3.0	3.0	0.0	
PEC0120	2-36 Ecological Psychology in Motor Behavior	3.0	3.0	0.0	
PEC0121	2-37 Special Topics on Sport Psychophysiology	3.0	3.0	0.0	
PEC0122	2-38 Special Topics on Exercise Psychophysiology	3.0	3.0	0.0	
PEC0123	2-39 Special Topics on Psychophysiological Measurements in Physical Activity	3.0	3.0	0.0	
PEC0124	2-40 Special Topics on Physical Activity Motivation	3.0	3.0	0.0	
PEC0125	2-41 Advanced Sport Biomechanics	3.0	3.0	0.0	
PEC0126	2-42 Studies in Kinesiology	3.0	3.0	0.0	
PEC0127	2-43 Application of Advance Dynamics in Biomechanics	3.0	3.0	0.0	
PEC0128	2-44 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0	
PEC0129	2-45 Bioengineering and Biomechanics	3.0	3.0	0.0	
PEC0130	2-46 Selected topics of Sports Equipment Design	3.0	3.0	0.0	
PEC0131	2-47 Advanced Exercise Physiology (Including Experiments)	3.0	0.0	6.0	
PEC0133	2-48 Research on Physical Fitness and Exercise Prescription	3.0	3.0	0.0	
PEC0134	2-49 Sport Medicine	3.0	3.0	0.0	
PEC0135	2-50 Exercise Immunology	3.0	3.0	0.0	
PEC0136	2-51 Speical Topics on Principles of Physical Education	3.0	3.0	0.0	
PEC0137	2-52 Organizational Behavior in Physical Education and Sport	3.0	3.0	0.0	
PEC0138	2-53 Human Resource Management in Physical Education	3.0	3.0	0.0	
PEC0139	2-54 Special Topics on Sport and Recreational Facilities	3.0	3.0	0.0	
PEC0142	2-55 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0143	2-56 Studies in Sport Psychology	3.0	3.0	0.0	
PEC0144	2-57 Studies in Coaching Psychology	3.0	3.0	0.0	
PEC8004	2-58 Philosophy of Play	3.0	3.0	0.0	
PED0011	2-59 Special Topics on theory of Measurement	3.0	3.0	0.0	
PED0025	2-60 Special Topics in Sport Marketing	3.0	3.0	0.0	
PED0052	2-61 Policy Analysis in Physical Education	3.0	3.0	0.0	
PED0056	2-62 Studies in Physical Education Curricula in Higher Education	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC8005	2-63 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PED0066	2-64 Special Topics in Physical Education Teaching	3.0	3.0	0.0	
PEC8003	2-65 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8006	2-66 Studies in Sports History and Sociology	3.0	3.0	0.0	
PED0071	2-67 Paradigms and Critiques of Motor Behavior Research	3.0	3.0	0.0	
PED0072	2-68 Paradigms and Critiques of Physical Activity Psychology Research	3.0	3.0	0.0	
PED0073	2-69 Theory and Application of Sport Sensors	3.0	3.0	0.0	
PED0074	2-70 Topics on Instrumentations in Sports Biomechanics	3.0	3.0	0.0	
PED0075	2-71 Advanced Human Physiology	3.0	3.0	0.0	
PED0077	2-72 Special Topics on Teacher Education- Physical Education	3.0	3.0	0.0	
PEC0146	2-73 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-74 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8007	2-75 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	
PEC8008	2-76 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC8009	2-77 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PED0013	2-78 Statistics and Experimental Design(II)	3.0	3.0	0.0	
PEC8010	2-79 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	
PEC8011	2-80 E Studies in Olympic Culture	3.0	3.0	0.0	

D-1. Required Course for Group of Sport Physiology, 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PED0012	1 Topics in Sport Science	3.0	3.0	0.0	

D-2. Elective Course for Group of Sport Physiology, 12.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
<b>1 Core curriculum 6.0 credits are required</b> Choose 2 courses from 3					
PEC0023	1-1 Biochemistry	3.0	3.0	0.0	
PEC0085	1-2 Seminar in Aging and Physical Fitness	3.0	3.0	0.0	
PED0075	1-3 Advanced Human Physiology	3.0	3.0	0.0	
<b>2 General elective courses 3.0 credits are required</b>					
PEC0005	2-1 Advanced Comparative Physical Education and Sport	3.0	3.0	0.0	
PEC0013	2-2 Research Methods in Sport Biomechanics	3.0	3.0	0.0	
PEC0016	2-3 Special Topics on Sport and Legal Issues	3.0	3.0	0.0	
PEC0028	2-4 Special Topics in Exercise Biochemistry	3.0	3.0	0.0	
PEC0029	2-5 Seminar in Sport Techniques	3.0	3.0	0.0	
PEC0030	2-6 E Advances Sport Nutrition	3.0	3.0	0.0	
PEC0031	2-7 Qualitative Research Methods in Physical Education	3.0	3.0	0.0	
PEC0035	2-8 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0	
PEC0036	2-9 Special Topics on Physical Education Curricula	3.0	3.0	0.0	
PEC0039	2-10 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0	
PEC0040	2-11 Special Topics in Exercise and Disease	3.0	3.0	0.0	
PEC0050	2-12 Special Topics in Electromyographic Analysis	3.0	3.0	0.0	
PEC0051	2-13 Special Topics in Human Gait Analysis	3.0	3.0	0.0	
PEC0069	2-14 Special Topics on Dynamic System Approaches in Biomechanics	3.0	3.0	0.0	
PEC0071	2-15 Seminar in Sports Philosophy	3.0	3.0	0.0	
PEC0075	2-16 Public Relations and Physical Education and Sport	3.0	3.0	0.0	
PEC0076	2-17 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0081	2-18 Special Topics in Exercise Physiology	3.0	3.0	0.0	
PEC0090	2-19 Administration and Management of Physical Education in Schools	3.0	3.0	0.0	
PEC0092	2-20 Special Topics on Applied Physical Education	3.0	3.0	0.0	
PEC0103	2-21 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC0104	2-22 Analytical Study of Selected Topics in Sport Science	3.0	3.0	0.0	
PEC0105	2-23 Studies in Philosophy of Sport Embodiment	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0106	2-24 Studies in Modern Taiwanese Physical Education and Sport History	3.0	3.0	0.0	
PEC0107	2-25 Studies in Sport Experience	3.0	3.0	0.0	
PEC8002	2-26 Sports History: Studies and Practices	3.0	3.0	0.0	
PEC0109	2-27 Special Topics on Sports Culture	3.0	3.0	0.0	
PEC0110	2-28 Studies in Women's Sport History	3.0	3.0	0.0	
PEC0115	2-29 E Special Topics on Motor Learning	3.0	3.0	0.0	
PEC0116	2-30 Special Topics on Motor Control	3.0	3.0	0.0	
PEC0117	2-31 Special Topics on Motor Development	3.0	3.0	0.0	
PEC0118	2-32 Special Topics on Physical Activity Psychology	3.0	3.0	0.0	
PEC0119	2-33 Learning and Motor Learning Theories	3.0	3.0	0.0	
PEC0120	2-34 Ecological Psychology in Motor Behavior	3.0	3.0	0.0	
PEC0121	2-35 Special Topics on Sport Psychophysiology	3.0	3.0	0.0	
PEC0122	2-36 Special Topics on Exercise Psychophysiology	3.0	3.0	0.0	
PEC0123	2-37 Special Topics on Psychophysiological Measurements in Physical Activity	3.0	3.0	0.0	
PEC0124	2-38 Special Topics on Physical Activity Motivation	3.0	3.0	0.0	
PEC0125	2-39 Advanced Sport Biomechanics	3.0	3.0	0.0	
PEC0126	2-40 Studies in Kinesiology	3.0	3.0	0.0	
PEC0127	2-41 Application of Advance Dynamics in Biomechanics	3.0	3.0	0.0	
PEC0128	2-42 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0	
PEC0129	2-43 Bioengineering and Biomechanics	3.0	3.0	0.0	
PEC0130	2-44 Selected topics of Sports Equipment Design	3.0	3.0	0.0	
PEC0131	2-45 Advanced Exercise Physiology (Including Experiments)	3.0	0.0	6.0	
PEC0133	2-46 Research on Physical Fitness and Exercise Prescription	3.0	3.0	0.0	
PEC0134	2-47 Sport Medicine	3.0	3.0	0.0	
PEC0135	2-48 Exercise Immunology	3.0	3.0	0.0	
PEC0136	2-49 Speical Topics on Principles of Physical Education	3.0	3.0	0.0	
PEC0137	2-50 Organizational Behavior in Physical Education and Sport	3.0	3.0	0.0	
PEC0138	2-51 Human Resource Management in Physical Education	3.0	3.0	0.0	
PEC0139	2-52 Special Topics on Sport and Recreational Facilities	3.0	3.0	0.0	
PEC0142	2-53 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0143	2-54 Studies in Sport Psychology	3.0	3.0	0.0	
PEC0144	2-55 Studies in Coaching Psychology	3.0	3.0	0.0	
PEC8004	2-56 Philosophy of Play	3.0	3.0	0.0	
PED0009	2-57 Seminar in Recreational Education	3.0	3.0	0.0	
PED0011	2-58 Special Topics on theory of Measurement	3.0	3.0	0.0	
PED0025	2-59 Special Topics in Sport Marketing	3.0	3.0	0.0	
PED0052	2-60 Policy Analysis in Physical Education	3.0	3.0	0.0	
PED0056	2-61 Studies in Physical Education Curricula in Higher Education	3.0	3.0	0.0	
PEC8005	2-62 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PED0065	2-63 Special Topics in Management of Physical Education and Sports	3.0	3.0	0.0	
PED0066	2-64 Special Topics in Physical Education Teaching	3.0	3.0	0.0	
PEC8003	2-65 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8006	2-66 Studies in Sports History and Sociology	3.0	3.0	0.0	
PED0071	2-67 Paradigms and Critiques of Motor Behavior Research	3.0	3.0	0.0	
PED0072	2-68 Paradigms and Critiques of Physical Activity Psychology Research	3.0	3.0	0.0	
PED0073	2-69 Theory and Application of Sport Sensors	3.0	3.0	0.0	
PED0074	2-70 Topics on Instrumentations in Sports Biomechanics	3.0	3.0	0.0	
PED0076	2-71 Special Topics on Sprot Sociology	3.0	3.0	0.0	
PED0077	2-72 Special Topics on Teacher Education- Physical Education	3.0	3.0	0.0	
PEC0146	2-73 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-74 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8007	2-75 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC8008	2-76 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC8009	2-77 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PED0013	2-78 Statistics and Experimental Design(II)	3.0	3.0	0.0	
PEC8010	2-79 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	
PEC8011	2-80 E Studies in Olympic Culture	3.0	3.0	0.0	

E-1. Required Course for Group of Sports Biomechanics, 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PED0012	1 Topics in Sport Science	3.0	3.0	0.0	

E-2. Elective Course for Group of Sports Biomechanics, 12.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
<b>1 Core curriculum</b> 12.0 credits are required, 4 courses are least required Choose any four courses as core courses					
PEC0076	1-1 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0050	1-2 Special Topics in Electromyographic Analysis	3.0	3.0	0.0	
PED0074	1-3 Topics on Instrumentations in Sports Biomechanics	3.0	3.0	0.0	
PEC0013	1-4 Research Methods in Sport Biomechanics	3.0	3.0	0.0	
PEC0029	1-5 Seminar in Sport Techniques	3.0	3.0	0.0	
PEC0035	1-6 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0	
PEC0051	1-7 Special Topics in Human Gait Analysis	3.0	3.0	0.0	
PEC0069	1-8 Special Topics on Dynamic System Approaches in Biomechanics	3.0	3.0	0.0	
PEC0103	1-9 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC0126	1-10 Studies in Kinesiology	3.0	3.0	0.0	
PEC0125	1-11 Advanced Sport Biomechanics	3.0	3.0	0.0	
PEC0127	1-12 Application of Advance Dynamics in Biomechanics	3.0	3.0	0.0	
PEC0128	1-13 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0	
PEC0129	1-14 Bioengineering and Biomechanics	3.0	3.0	0.0	
PEC0130	1-15 Selected topics of Sports Equipment Design	3.0	3.0	0.0	
PED0073	1-16 Theory and Application of Sport Sensors	3.0	3.0	0.0	
<b>2 General elective courses</b> 0.0 credit is required					
PEC0005	2-1 Advanced Comparative Physical Education and Sport	3.0	3.0	0.0	
PEC0013	2-2 Research Methods in Sport Biomechanics	3.0	3.0	0.0	
PEC0016	2-3 Special Topics on Sport and Legal Issues	3.0	3.0	0.0	
PEC0023	2-4 Biochemistry	3.0	3.0	0.0	
PEC0028	2-5 Special Topics in Exercise Biochemistry	3.0	3.0	0.0	
PEC0029	2-6 Seminar in Sport Techniques	3.0	3.0	0.0	
PEC0030	2-7 E Advances Sport Nutrition	3.0	3.0	0.0	
PEC0031	2-8 Qualitative Research Methods in Physical Education	3.0	3.0	0.0	
PEC0035	2-9 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0	
PEC0036	2-10 Special Topics on Physical Education Curricula	3.0	3.0	0.0	
PEC0039	2-11 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0	
PEC0040	2-12 Special Topics in Exercise and Disease	3.0	3.0	0.0	
PEC0051	2-13 Special Topics in Human Gait Analysis	3.0	3.0	0.0	
PEC0069	2-14 Special Topics on Dynamic System Approaches in Biomechanics	3.0	3.0	0.0	
PEC0071	2-15 Seminar in Sports Philosophy	3.0	3.0	0.0	
PEC0075	2-16 Public Relations and Physical Education and Sport	3.0	3.0	0.0	
PEC0081	2-17 Special Topics in Exercise Physiology	3.0	3.0	0.0	
PEC0085	2-18 Seminar in Aging and Physical Fitness	3.0	3.0	0.0	
PEC0090	2-19 Administration and Management of Physical Education in Schools	3.0	3.0	0.0	
PEC0092	2-20 Special Topics on Applied Physical Education	3.0	3.0	0.0	
PEC0103	2-21 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC0104	2-22 Analytical Study of Selected Topics in Sport Science	3.0	3.0	0.0	
PEC0105	2-23 Studies in Philosophy of Sport Embodiment	3.0	3.0	0.0	
PEC0106	2-24 Studies in Modern Taiwanese Physical Education and Sport History	3.0	3.0	0.0	
PEC0107	2-25 Studies in Sport Experience	3.0	3.0	0.0	
PEC8002	2-26 Sports History: Studies and Practices	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0109	2-27 Special Topics on Sports Culture	3.0	3.0	0.0	
PEC0110	2-28 Studies in Women's Sport History	3.0	3.0	0.0	
PEC0115	2-29 E Special Topics on Motor Learning	3.0	3.0	0.0	
PEC0116	2-30 Special Topics on Motor Control	3.0	3.0	0.0	
PEC0117	2-31 Special Topics on Motor Development	3.0	3.0	0.0	
PEC0118	2-32 Special Topics on Physical Activity Psychology	3.0	3.0	0.0	
PEC0119	2-33 Learning and Motor Leaning Theories	3.0	3.0	0.0	
PEC0120	2-34 Ecological Psychology in Motor Behavior	3.0	3.0	0.0	
PEC0121	2-35 Special Topics on Sport Psychophysiology	3.0	3.0	0.0	
PEC0122	2-36 Special Topics on Exercise Psychophysiology	3.0	3.0	0.0	
PEC0123	2-37 Special Topics on Psychophysiological Measurements in Physical Activity	3.0	3.0	0.0	
PEC0124	2-38 Special Topics on Physical Activity Motivation	3.0	3.0	0.0	
PEC0125	2-39 Advanced Sport Biomechanics	3.0	3.0	0.0	
PEC0126	2-40 Studies in Kinesiology	3.0	3.0	0.0	
PEC0127	2-41 Application of Advance Dynamics in Biomechanics	3.0	3.0	0.0	
PEC0128	2-42 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0	
PEC0129	2-43 Bioengineering and Biomechanics	3.0	3.0	0.0	
PEC0130	2-44 Selected topics of Sports Equipment Design	3.0	3.0	0.0	
PEC0131	2-45 Advanced Exercise Physiology (Including Experiments)	3.0	0.0	6.0	
PEC0133	2-46 Research on Physical Fitness and Exercise Prescription	3.0	3.0	0.0	
PEC0134	2-47 Sport Medicine	3.0	3.0	0.0	
PEC0135	2-48 Exercise Immunology	3.0	3.0	0.0	
PEC0136	2-49 Speical Topics on Principles of Physical Education	3.0	3.0	0.0	
PEC0137	2-50 Organizational Behavior in Physical Education and Sport	3.0	3.0	0.0	
PEC0138	2-51 Human Resource Management in Physical Education	3.0	3.0	0.0	
PEC0139	2-52 Special Topics on Sport and Recreational Facilities	3.0	3.0	0.0	
PEC0142	2-53 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0143	2-54 Studies in Sport Psychology	3.0	3.0	0.0	
PEC0144	2-55 Studies in Coaching Psychology	3.0	3.0	0.0	
PEC8004	2-56 Philosophy of Play	3.0	3.0	0.0	
PED0009	2-57 Seminar in Recreational Education	3.0	3.0	0.0	
PED0011	2-58 Special Topics on theory of Measurement	3.0	3.0	0.0	
PED0025	2-59 Special Topics in Sport Marketing	3.0	3.0	0.0	
PED0052	2-60 Policy Analysis in Physical Education	3.0	3.0	0.0	
PED0056	2-61 Studies in Physical Education Curricula in Higher Education	3.0	3.0	0.0	
PEC8005	2-62 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PED0065	2-63 Special Topics in Management of Physical Education and Sports	3.0	3.0	0.0	
PED0066	2-64 Special Topics in Physical Education Teaching	3.0	3.0	0.0	
PEC8003	2-65 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8006	2-66 Studies in Sports History and Sociology	3.0	3.0	0.0	
PED0071	2-67 Paradigms and Critiques of Motor Behavior Research	3.0	3.0	0.0	
PED0072	2-68 Paradigms and Critiques of Physical Activity Psychology Research	3.0	3.0	0.0	
PED0073	2-69 Theory and Application of Sport Sensors	3.0	3.0	0.0	
PED0075	2-70 Advanced Human Physiology	3.0	3.0	0.0	
PED0076	2-71 Special Topics on Sprot Sociology	3.0	3.0	0.0	
PED0077	2-72 Special Topics on Teacher Education- Physical Education	3.0	3.0	0.0	
PEC0146	2-73 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-74 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8007	2-75 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	
PEC8008	2-76 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC8009	2-77 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PED0013	2-78 Statistics and Experimental Design(II)	3.0	3.0	0.0	
PEC8010	2-79 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC8011	2-80 E Studies in Olympic Culture	3.0	3.0	0.0	
PED0074	2-81 Topics on Instrumentations in Sports Biomechanics	3.0	3.0	0.0	
PEC0076	2-82 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0050	2-83 Special Topics in Electromyographic Analysis	3.0	3.0	0.0	

F-1. Required Course for Group of Physical Activity Psychology, 3.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PED0012	1 Topics in Sport Science	3.0	3.0	0.0	

F-2. Elective Course for Group of Physical Activity Psychology, 12.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note			
			Lecture Hour	Lab/Practice Hour				
<b>1 Core curriculum 9.0 credits are required</b>								
Choose 3 courses from 4								
PEC0121	1-1 Special Topics on Sport Psychophysiology	3.0	3.0	0.0				
PED0072	1-2 Paradigms and Critiques of Physical Activity Psychology Research	3.0	3.0	0.0				
PEC0118	1-3 Special Topics on Physical Activity Psychology	3.0	3.0	0.0				
<b>2 General elective courses 0.0 credit is required</b>								
PEC0005	2-1 Advanced Comparative Physical Education and Sport	3.0	3.0	0.0				
PEC0013	2-2 Research Methods in Sport Biomechanics	3.0	3.0	0.0				
PEC0016	2-3 Special Topics on Sport and Legal Issues	3.0	3.0	0.0				
PEC0023	2-4 Biochemistry	3.0	3.0	0.0				
PEC0028	2-5 Special Topics in Exercise Biochemistry	3.0	3.0	0.0				
PEC0029	2-6 Seminar in Sport Techniques	3.0	3.0	0.0				
PEC0030	2-7 E Advances Sport Nutrition	3.0	3.0	0.0				
PEC0031	2-8 Qualitative Research Methods in Physical Education	3.0	3.0	0.0				
PEC0035	2-9 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0				
PEC0036	2-10 Special Topics on Physical Education Curricula	3.0	3.0	0.0				
PEC0039	2-11 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0				
PEC0040	2-12 Special Topics in Exercise and Disease	3.0	3.0	0.0				
PEC0050	2-13 Special Topics in Electromyographic Analysis	3.0	3.0	0.0				
PEC0051	2-14 Special Topics in Human Gait Analysis	3.0	3.0	0.0				
PEC0069	2-15 Special Topics on Dynamic System Approaches in Biomechanics	3.0	3.0	0.0				
PEC0071	2-16 Seminar in Sports Philosophy	3.0	3.0	0.0				
PEC0075	2-17 Public Relations and Physical Education and Sport	3.0	3.0	0.0				
PEC0076	2-18 E Special Topics in Sport Biomechanics	3.0	3.0	0.0				
PEC0081	2-19 Special Topics in Exercise Physiology	3.0	3.0	0.0				
PEC0085	2-20 Seminar in Aging and Physical Fitness	3.0	3.0	0.0				
PEC0090	2-21 Administration and Management of Physical Education in Schools	3.0	3.0	0.0				
PEC0092	2-22 Special Topics on Applied Physical Education	3.0	3.0	0.0				
PEC0103	2-23 E Biomechanics of Skeletal System	3.0	3.0	0.0				
PEC0104	2-24 Analytical Study of Selected Topics in Sport Science	3.0	3.0	0.0				
PEC0105	2-25 Studies in Philosophy of Sport Embodiment	3.0	3.0	0.0				
PEC0106	2-26 Studies in Modern Taiwanese Physical Education and Sport History	3.0	3.0	0.0				
PEC0107	2-27 Studies in Sport Experience	3.0	3.0	0.0				
PEC8002	2-28 Sports History: Studies and Practices	3.0	3.0	0.0				
PEC0109	2-29 Special Topics on Sports Culture	3.0	3.0	0.0				
PEC0110	2-30 Studies in Women's Sport History	3.0	3.0	0.0				
PEC0115	2-31 E Special Topics on Motor Learning	3.0	3.0	0.0				
PEC0116	2-32 Special Topics on Motor Control	3.0	3.0	0.0				
PEC0117	2-33 Special Topics on Motor Development	3.0	3.0	0.0				
PEC0119	2-34 Learning and Motor Learning Theories	3.0	3.0	0.0				
PEC0122	2-35 Special Topics on Exercise Psychophysiology	3.0	3.0	0.0				
PEC0123	2-36 Special Topics on Psychophysiological Measurements in Physical Activity	3.0	3.0	0.0				
PEC0124	2-37 Special Topics on Physical Activity Motivation	3.0	3.0	0.0				
PEC0125	2-38 Advanced Sport Biomechanics	3.0	3.0	0.0				
PEC0126	2-39 Studies in Kinesiology	3.0	3.0	0.0				
PEC0127	2-40 Application of Advance Dynamics in Biomechanics	3.0	3.0	0.0				

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0128	2-41 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0	
PEC0129	2-42 Bioengineering and Biomechanics	3.0	3.0	0.0	
PEC0130	2-43 Selected topics of Sports Equipment Design	3.0	3.0	0.0	
PEC0131	2-44 Advanced Exercise Physiology (Including Experiments)	3.0	0.0	6.0	
PEC0133	2-45 Research on Physical Fitness and Exercise Prescription	3.0	3.0	0.0	
PEC0134	2-46 Sport Medicine	3.0	3.0	0.0	
PEC0135	2-47 Exercise Immunology	3.0	3.0	0.0	
PEC0136	2-48 Speical Topics on Principles of Physical Education	3.0	3.0	0.0	
PEC0137	2-49 Organizational Behavior in Physical Education and Sport	3.0	3.0	0.0	
PEC0138	2-50 Human Resource Management in Physical Education	3.0	3.0	0.0	
PEC0139	2-51 Special Topics on Sport and Recreational Facilities	3.0	3.0	0.0	
PEC0142	2-52 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0143	2-53 Studies in Sport Psychology	3.0	3.0	0.0	
PEC0144	2-54 Studies in Coaching Psychology	3.0	3.0	0.0	
PEC8004	2-55 Philosophy of Play	3.0	3.0	0.0	
PED0009	2-56 Seminar in Recreational Education	3.0	3.0	0.0	
PED0011	2-57 Special Topics on theory of Measurement	3.0	3.0	0.0	
PED0025	2-58 Special Topics in Sport Marketing	3.0	3.0	0.0	
PED0052	2-59 Policy Analysis in Physical Education	3.0	3.0	0.0	
PED0056	2-60 Studies in Physical Education Curricula in Higher Education	3.0	3.0	0.0	
PEC8005	2-61 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PED0065	2-62 Special Topics in Management of Physical Education and Sports	3.0	3.0	0.0	
PED0066	2-63 Special Topics in Physical Education Teaching	3.0	3.0	0.0	
PEC8003	2-64 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8006	2-65 Studies in Sports History and Sociology	3.0	3.0	0.0	
PED0073	2-66 Theory and Application of Sport Sensors	3.0	3.0	0.0	
PED0074	2-67 Topics on Instrumentations in Sports Biomechanics	3.0	3.0	0.0	
PED0075	2-68 Advanced Human Physiology	3.0	3.0	0.0	
PED0076	2-69 Special Topics on Sprot Sociology	3.0	3.0	0.0	
PED0077	2-70 Special Topics on Teacher Education- Physical Education	3.0	3.0	0.0	
PEC8007	2-71 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	
PEC0120	2-72 Ecological Psychology in Motor Behavior	3.0	3.0	0.0	
PEC0146	2-73 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-74 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8008	2-75 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC8009	2-76 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PED0071	2-77 Paradigms and Critiques of Motor Behavior Research	3.0	3.0	0.0	
PED0013	2-78 Statistics and Experimental Design(II)	3.0	3.0	0.0	
PEC8011	2-79 E Studies in Olympic Culture	3.0	3.0	0.0	
PEC8010	2-80 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	

G-1. Required Course for Graduate Program in English, 0.0 credit is required

G-2. Elective Course for Graduate Program in English, 15.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0115	1 E Special Topics on Motor Learning	3.0	3.0	0.0	
PEC0142	2 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0030	3 E Advances Sport Nutrition	3.0	3.0	0.0	
PEC0039	4 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0	
PEC0076	5 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0103	6 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC8008	7 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC8011	8 E Studies in Olympic Culture	3.0	3.0	0.0	

#### IV. Free Elective Credits

A Free Elective Credit for Group of Sport Literature, History and Philosophy, 15.0 credits are required

Students are required to receive at least four credits from major-related courses opened by non-PE graduate schools (master and doctoral programs).

B Free Elective Credit for Group of Sport Pedagogy, 15.0 credits are required

Students are required to receive at least four credits from major-related courses opened by non-PE graduate schools (master and doctoral programs).

C Free Elective Credit for Group of Sport and Recreation Industry Management, 15.0 credits are required

Students are required to receive at least four credits from major-related courses opened by non-PE graduate schools (master and doctoral programs).

D Free Elective Credit for Group of Sport Physiology, 15.0 credits are required

Students are required to receive at least four credits from major-related courses opened by non-PE graduate schools (master and doctoral programs).

E Free Elective Credit for Group of Sports Biomechanics, 15.0 credits are required

Students are required to receive at least four credits from major-related courses opened by non-PE graduate schools (master and doctoral programs).

F Free Elective Credit for Group of Physical Activity Psychology, 15.0 credits are required

Students are required to receive at least four credits from major-related courses opened by non-PE graduate schools (master and doctoral programs).

G Free Elective Credit for Graduate Program in English, 15.0 credits are required

Students are required to receive at least four credits from major-related courses opened by non-PE graduate schools (master and doctoral programs).