

Course Structure for M.A. 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 6.0 Group of Sport Pedagogy 6.0 Group of Sport and Recreation Industry Management 6.0 Group of Sport Physiology 6.0 Group of Sports Biomechanics 6.0 Group of Physical Activity Psychology 6.0 Graduate Program in English 0.0	Group of Sport Literature, History and Philosophy 9.0 Group of Sport Pedagogy 9.0 Group of Sport and Recreation Industry Management 9.0 Group of Sport Physiology 9.0 Group of Sports Biomechanics 9.0 Group of Physical Activity Psychology 9.0 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, 6.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0027	1 Research Methodology	3.0	3.0	0.0	
PEM0024	2 Statistics and Experimental Design(I)	3.0	3.0	0.0	

A-2. Elective Course for Group of Sport Literature, History and Philosophy, 9.0 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					
PEC8010	1-1 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	
PEM0020	1-2 Studies in Sport Philosophy	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	
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	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0110	2-29 Studies in Women's Sport History	3.0	3.0	0.0	
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 Special 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	
PEM0004	2-57 Research on Curricula for Physical Education	3.0	3.0	0.0	
PEM0005	2-58 Research on Teaching Physical Education	3.0	3.0	0.0	
PEM0023	2-59 Studies in Sport Marketing	3.0	3.0	0.0	
PEM0032	2-60 Advanced Principles of Physical Education	3.0	3.0	0.0	
PEM0033	2-61 Seminar in Sport Management	3.0	3.0	0.0	
PEM0043	2-62 Seminar in Physical Training	3.0	3.0	0.0	
PEM0056	2-63 Studies in Physical Education Curricula for Elementary and Secondary Schools	3.0	3.0	0.0	
PEM0071	2-64 Analysis of Physical Education Teaching	3.0	3.0	0.0	
PEM0074	2-65 Studies in Sport Sociology	3.0	3.0	0.0	
PEM0075	2-66 Studies in International Trends of Physical Education and Sport	3.0	3.0	0.0	
PEM0086	2-67 Research Methods for Potential and Selection of Athletes	3.0	3.0	0.0	
PEM0095	2-68 Studies in Physical Education and Sports in China	3.0	3.0	0.0	
PEM0097	2-69 Sport and Media	3.0	3.0	0.0	
PEM0098	2-70 Studies in Sport Pedagogy	3.0	3.0	0.0	
PEM0100	2-71 E Studies in Strategic Sport Sponsorship	3.0	3.0	0.0	
PEC8011	2-72 E Studies in Olympic Culture	3.0	3.0	0.0	
PEM0105	2-73 Professional Development and Assessment of Physical Education Teachers	3.0	3.0	0.0	
PEM0106	2-74 Studies in Recreational Sport	3.0	3.0	0.0	
PEC9002	2-75 Internship in Sport and Leisure Industry	3.0	0.0	6.0	
PEM0108	2-76 E Studies in Teacher Education- Physical Education	3.0	3.0	0.0	
PEC9003	2-77 E Management of Sport Events	3.0	3.0	0.0	
PEC0109	2-78 Special Topics on Sports Culture	3.0	3.0	0.0	
PEC8009	2-79 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PEC8008	2-80 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC9001	2-81 E Program Design as Related to Strength and Conditioning	3.0	3.0	0.0	
PEC0145	2-82 Big Data and Visualization in Sports	3.0	3.0	0.0	
PEC0146	2-83 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC8001	2-84 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8003	2-85 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8004	2-86 Philosophy of Play	3.0	3.0	0.0	
PEC8005	2-87 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PEC8006	2-88 Studies in Sports History and Sociology	3.0	3.0	0.0	
PEC8007	2-89 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	

## B-1. Required Course for Group of Sport Pedagogy, 6.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0027	1 Research Methodology	3.0	3.0	0.0	
PEM0024	2 Statistics and Experimental Design(I)	3.0	3.0	0.0	

## B-2. Elective Course for Group of Sport Pedagogy, 9.0 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 Choose 2 courses from 4					
PEM0004	1-1 Research on Curricula for Physical Education	3.0	3.0	0.0	
PEM0005	1-2 Research on Teaching Physical Education	3.0	3.0	0.0	
PEM0032	1-3 Advanced Principles of Physical Education	3.0	3.0	0.0	
PEM0108	1-4 E Studies in Teacher Education- Physical 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	
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	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
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	
PEM0020	2-58 Studies in Sport Philosophy	3.0	3.0	0.0	
PEM0023	2-59 Studies in Sport Marketing	3.0	3.0	0.0	
PEM0033	2-60 Seminar in Sport Management	3.0	3.0	0.0	
PEM0043	2-61 Seminar in Physical Training	3.0	3.0	0.0	
PEM0056	2-62 Studies in Physical Education Curricula for Elementary and Secondary Schools	3.0	3.0	0.0	
PEM0071	2-63 Analysis of Physical Education Teaching	3.0	3.0	0.0	
PEM0074	2-64 Studies in Sprot Sociology	3.0	3.0	0.0	
PEM0075	2-65 Studies in International Trends of Physical Education and Sport	3.0	3.0	0.0	
PEM0086	2-66 Research Methods for Potential and Selection of Athletes	3.0	3.0	0.0	
PEM0095	2-67 Studies in Physical Education and Sports in China	3.0	3.0	0.0	
PEM0097	2-68 Sport and Media	3.0	3.0	0.0	
PEM0098	2-69 Studies in Sport Pedagogy	3.0	3.0	0.0	
PEM0100	2-70 E Studies in Strategic Sport Sponsorship	3.0	3.0	0.0	
PEC8010	2-71 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	
PEC8011	2-72 E Studies in Olympic Culture	3.0	3.0	0.0	
PEM0105	2-73 Professional Development and Assessment of Physical Education Teachers	3.0	3.0	0.0	
PEM0106	2-74 Studies in Recreational Sport	3.0	3.0	0.0	
PEC9002	2-75 Internship in Sport and Leisure Industry	3.0	0.0	6.0	
PEC9003	2-76 E Management of Sport Events	3.0	3.0	0.0	
PEC8009	2-77 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PEC8008	2-78 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC9001	2-79 E Program Design as Related to Strength and Conditioning	3.0	3.0	0.0	
PEC0145	2-80 Big Data and Visualization in Sports	3.0	3.0	0.0	
PEC0146	2-81 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-82 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8003	2-83 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8004	2-84 Philosophy of Play	3.0	3.0	0.0	
PEC8005	2-85 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PEC8006	2-86 Studies in Sports History and Sociology	3.0	3.0	0.0	
PEC8007	2-87 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	

C-1. Required Course for Group of Sport and Recreation Industry Management, 6.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0027	1 Research Methodology	3.0	3.0	0.0	
PEM0024	2 Statistics and Experimental Design(I)	3.0	3.0	0.0	

## C-2. Elective Course for Group of Sport and Recreation Industry Management, 9.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
1 Core curriculum 9.0 credits are required					
PEM0033	1-1 Seminar in Sport Management	3.0	3.0	0.0	
PEM0074	1-2 Studies in Sport Sociology	3.0	3.0	0.0	
PEM0106	1-3 Studies in Recreational Sport	3.0	3.0	0.0	
2 General elective courses 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	
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	



Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
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	
PEM0004	2-58 Research on Curricula for Physical Education	3.0	3.0	0.0	
PEM0005	2-59 Research on Teaching Physical Education	3.0	3.0	0.0	
PEM0020	2-60 Studies in Sport Philosophy	3.0	3.0	0.0	
PEM0023	2-61 Studies in Sport Marketing	3.0	3.0	0.0	
PEM0032	2-62 Advanced Principles of Physical Education	3.0	3.0	0.0	
PEM0043	2-63 Seminar in Physical Training	3.0	3.0	0.0	
PEM0056	2-64 Studies in Physical Education Curricula for Elementary and Secondary Schools	3.0	3.0	0.0	
PEM0071	2-65 Analysis of Physical Education Teaching	3.0	3.0	0.0	
PEM0075	2-66 Studies in International Trends of Physical Education and Sport	3.0	3.0	0.0	
PEM0086	2-67 Research Methods for Potential and Selection of Athletes	3.0	3.0	0.0	
PEM0095	2-68 Studies in Physical Education and Sports in China	3.0	3.0	0.0	
PEM0097	2-69 Sport and Media	3.0	3.0	0.0	
PEM0098	2-70 Studies in Sport Pedagogy	3.0	3.0	0.0	
PEM0100	2-71 E Studies in Strategic Sport Sponsorship	3.0	3.0	0.0	
PEC8010	2-72 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	
PEC8011	2-73 E Studies in Olympic Culture	3.0	3.0	0.0	
PEM0105	2-74 Professional Development and Assessment of Physical Education Teachers	3.0	3.0	0.0	
PEC9002	2-75 Internship in Sport and Leisure Industry	3.0	0.0	6.0	
PEM0108	2-76 E Studies in Teacher Education- Physical Education	3.0	3.0	0.0	
PEC9003	2-77 E Management of Sport Events	3.0	3.0	0.0	
PEC8009	2-78 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PEC8008	2-79 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC9001	2-80 E Program Design as Related to Strength and Conditioning	3.0	3.0	0.0	
PEC0145	2-81 Big Data and Visualization in Sports	3.0	3.0	0.0	
PEC0146	2-82 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-83 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8003	2-84 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8004	2-85 Philosophy of Play	3.0	3.0	0.0	
PEC8005	2-86 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PEC8006	2-87 Studies in Sports History and Sociology	3.0	3.0	0.0	
PEC8007	2-88 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	

D-1. Required Course for Group of Sport Physiology, 6.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0027	1 Research Methodology	3.0	3.0	0.0	
PEM0024	2 Statistics and Experimental Design(I)	3.0	3.0	0.0	

D-2. Elective Course for Group of Sport Physiology, 9.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
1 Core curriculum 3.0 credits are required Choose 1 course from 2					
PEC0131	1-1 Advanced Exercise Physiology (Including Experiments)	3.0	0.0	6.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEC0133	1-2 Research on Physical Fitness and Exercise Prescription	3.0	3.0	0.0	
2 General elective courses 6.0 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	
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	
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 Special 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	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0004	2-56 Research on Curricula for Physical Education	3.0	3.0	0.0	
PEM0005	2-57 Research on Teaching Physical Education	3.0	3.0	0.0	
PEM0020	2-58 Studies in Sport Philosophy	3.0	3.0	0.0	
PEM0023	2-59 Studies in Sport Marketing	3.0	3.0	0.0	
PEM0032	2-60 Advanced Principles of Physical Education	3.0	3.0	0.0	
PEM0033	2-61 Seminar in Sport Management	3.0	3.0	0.0	
PEM0043	2-62 Seminar in Physical Training	3.0	3.0	0.0	
PEM0056	2-63 Studies in Physical Education Curricula for Elementary and Secondary Schools	3.0	3.0	0.0	
PEM0071	2-64 Analysis of Physical Education Teaching	3.0	3.0	0.0	
PEM0074	2-65 Studies in Sport Sociology	3.0	3.0	0.0	
PEM0075	2-66 Studies in International Trends of Physical Education and Sport	3.0	3.0	0.0	
PEM0086	2-67 Research Methods for Potential and Selection of Athletes	3.0	3.0	0.0	
PEM0095	2-68 Studies in Physical Education and Sports in China	3.0	3.0	0.0	
PEM0097	2-69 Sport and Media	3.0	3.0	0.0	
PEM0098	2-70 Studies in Sport Pedagogy	3.0	3.0	0.0	
PEM0100	2-71 E Studies in Strategic Sport Sponsorship	3.0	3.0	0.0	
PEC8010	2-72 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	
PEC8011	2-73 E Studies in Olympic Culture	3.0	3.0	0.0	
PEM0105	2-74 Professional Development and Assessment of Physical Education Teachers	3.0	3.0	0.0	
PEM0106	2-75 Studies in Recreational Sport	3.0	3.0	0.0	
PEC9002	2-76 Internship in Sport and Leisure Industry	3.0	0.0	6.0	
PEM0108	2-77 E Studies in Teacher Education- Physical Education	3.0	3.0	0.0	
PEC9003	2-78 E Management of Sport Events	3.0	3.0	0.0	
PEC8009	2-79 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PEC8008	2-80 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC9001	2-81 E Program Design as Related to Strength and Conditioning	3.0	3.0	0.0	
PEC0145	2-82 Big Data and Visualization in Sports	3.0	3.0	0.0	
PEC8001	2-83 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8003	2-84 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8004	2-85 Philosophy of Play	3.0	3.0	0.0	
PEC8005	2-86 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PEC8006	2-87 Studies in Sports History and Sociology	3.0	3.0	0.0	
PEC8007	2-88 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	
PEC0146	2-89 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	

E-1. Required Course for Group of Sports Biomechanics, 6.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0027	1 Research Methodology	3.0	3.0	0.0	
PEM0024	2 Statistics and Experimental Design(I)	3.0	3.0	0.0	

E-2. Elective Course for Group of Sports Biomechanics, 9.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
1 Core curriculum 9.0 credits are required, 3 courses are least required Choose any three courses as core courses					
PEC0125	1-1 Advanced Sport Biomechanics	3.0	3.0	0.0	
PEC0126	1-2 Studies in Kinesiology	3.0	3.0	0.0	
PEC0013	1-3 Research Methods in Sport Biomechanics	3.0	3.0	0.0	
PEC0029	1-4 Seminar in Sport Techniques	3.0	3.0	0.0	
PEC0035	1-5 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0	
PEC0050	1-6 Special Topics in Electromyographic Analysis	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	
PEC0076	1-9 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0103	1-10 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC0127	1-11 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	1-12 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0	
PEC0129	1-13 Bioengineering and Biomechanics	3.0	3.0	0.0	
PEC0130	1-14 Selected topics of Sports Equipment Design	3.0	3.0	0.0	
PEM0086	1-15 Research Methods for Potential and Selection of Athletes	3.0	3.0	0.0	
2 General elective courses 0.0 credit is required					
PEC0005	2-1 Advanced Comparative Physical Education and Sport	3.0	3.0	0.0	
PEC0016	2-2 Special Topics on Sport and Legal Issues	3.0	3.0	0.0	
PEC0023	2-3 Biochemistry	3.0	3.0	0.0	
PEC0028	2-4 Special Topics in Exercise Biochemistry	3.0	3.0	0.0	
PEC0030	2-5 E Advances Sport Nutrition	3.0	3.0	0.0	
PEC0031	2-6 Qualitative Research Methods in Physical Education	3.0	3.0	0.0	
PEC0036	2-7 Special Topics on Physical Education Curricula	3.0	3.0	0.0	
PEC0039	2-8 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0	
PEC0040	2-9 Special Topics in Exercise and Disease	3.0	3.0	0.0	
PEC0071	2-10 Seminar in Sports Philosophy	3.0	3.0	0.0	
PEC0075	2-11 Public Relations and Physical Education and Sport	3.0	3.0	0.0	
PEC0081	2-12 Special Topics in Exercise Physiology	3.0	3.0	0.0	
PEC0085	2-13 Seminar in Aging and Physical Fitness	3.0	3.0	0.0	
PEC0090	2-14 Administration and Management of Physical Education in Schools	3.0	3.0	0.0	
PEC0092	2-15 Special Topics on Applied Physical Education	3.0	3.0	0.0	
PEC0104	2-16 Analytical Study of Selected Topics in Sport Science	3.0	3.0	0.0	
PEC0105	2-17 Studies in Philosophy of Sport Embodiment	3.0	3.0	0.0	
PEC0106	2-18 Studies in Modern Taiwanese Physical Education and Sport History	3.0	3.0	0.0	
PEC0107	2-19 Studies in Sport Experience	3.0	3.0	0.0	
PEC8002	2-20 Sports History: Studies and Practices	3.0	3.0	0.0	
PEC0109	2-21 Special Topics on Sports Culture	3.0	3.0	0.0	
PEC0110	2-22 Studies in Women's Sport History	3.0	3.0	0.0	
PEC0115	2-23 E Special Topics on Motor Learning	3.0	3.0	0.0	
PEC0116	2-24 Special Topics on Motor Control	3.0	3.0	0.0	
PEC0117	2-25 Special Topics on Motor Development	3.0	3.0	0.0	
PEC0118	2-26 Special Topics on Physical Activity Psychology	3.0	3.0	0.0	
PEC0119	2-27 Learning and Motor Learning Theories	3.0	3.0	0.0	
PEC0120	2-28 Ecological Psychology in Motor Behavior	3.0	3.0	0.0	
PEC0121	2-29 Special Topics on Sport Psychophysiology	3.0	3.0	0.0	
PEC0122	2-30 Special Topics on Exercise Psychophysiology	3.0	3.0	0.0	
PEC0123	2-31 Special Topics on Psychophysiological Measurements in Physical Activity	3.0	3.0	0.0	
PEC0124	2-32 Special Topics on Physical Activity Motivation	3.0	3.0	0.0	
PEC0131	2-33 Advanced Exercise Physiology (Including Experiments)	3.0	0.0	6.0	
PEC0133	2-34 Research on Physical Fitness and Exercise Prescription	3.0	3.0	0.0	
PEC0134	2-35 Sport Medicine	3.0	3.0	0.0	
PEC0135	2-36 Exercise Immunology	3.0	3.0	0.0	
PEC0136	2-37 Special Topics on Principles of Physical Education	3.0	3.0	0.0	
PEC0137	2-38 Organizational Behavior in Physical Education and Sport	3.0	3.0	0.0	
PEC0138	2-39 Human Resource Management in Physical Education	3.0	3.0	0.0	
PEC0139	2-40 Special Topics on Sport and Recreational Facilities	3.0	3.0	0.0	
PEC0142	2-41 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0143	2-42 Studies in Sport Psychology	3.0	3.0	0.0	
PEC0144	2-43 Studies in Coaching Psychology	3.0	3.0	0.0	
PEM0004	2-44 Research on Curricula for Physical Education	3.0	3.0	0.0	
PEM0005	2-45 Research on Teaching Physical Education	3.0	3.0	0.0	
PEM0020	2-46 Studies in Sport Philosophy	3.0	3.0	0.0	
PEM0023	2-47 Studies in Sport Marketing	3.0	3.0	0.0	
PEM0032	2-48 Advanced Principles of Physical Education	3.0	3.0	0.0	
PEM0033	2-49 Seminar in Sport Management	3.0	3.0	0.0	
PEM0043	2-50 Seminar in Physical Training	3.0	3.0	0.0	
PEM0056	2-51 Studies in Physical Education Curricula for Elementary and Secondary Schools	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0071	2-52 Analysis of Physical Education Teaching	3.0	3.0	0.0	
PEM0074	2-53 Studies in Sport Sociology	3.0	3.0	0.0	
PEM0075	2-54 Studies in International Trends of Physical Education and Sport	3.0	3.0	0.0	
PEM0095	2-55 Studies in Physical Education and Sports in China	3.0	3.0	0.0	
PEM0097	2-56 Sport and Media	3.0	3.0	0.0	
PEM0098	2-57 Studies in Sport Pedagogy	3.0	3.0	0.0	
PEM0100	2-58 E Studies in Strategic Sport Sponsorship	3.0	3.0	0.0	
PEC8010	2-59 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	
PEC8011	2-60 E Studies in Olympic Culture	3.0	3.0	0.0	
PEM0105	2-61 Professional Development and Assessment of Physical Education Teachers	3.0	3.0	0.0	
PEM0106	2-62 Studies in Recreational Sport	3.0	3.0	0.0	
PEC9002	2-63 Internship in Sport and Leisure Industry	3.0	0.0	6.0	
PEM0108	2-64 E Studies in Teacher Education- Physical Education	3.0	3.0	0.0	
PEC9003	2-65 E Management of Sport Events	3.0	3.0	0.0	
PEC8009	2-66 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PEC8008	2-67 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC0145	2-68 Big Data and Visualization in Sports	3.0	3.0	0.0	
PEC0146	2-69 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-70 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8003	2-71 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8004	2-72 Philosophy of Play	3.0	3.0	0.0	
PEC8005	2-73 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PEC8006	2-74 Studies in Sports History and Sociology	3.0	3.0	0.0	
PEC8007	2-75 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	
PEC9001	2-76 E Program Design as Related to Strength and Conditioning	3.0	3.0	0.0	
PEC0013	2-77 Research Methods in Sport Biomechanics	3.0	3.0	0.0	
PEC0029	2-78 Seminar in Sport Techniques	3.0	3.0	0.0	
PEC0035	2-79 Qualitative Analysis of Sport Techniques	3.0	3.0	0.0	
PEC0050	2-80 Special Topics in Electromyographic Analysis	3.0	3.0	0.0	
PEC0051	2-81 Special Topics in Human Gait Analysis	3.0	3.0	0.0	
PEC0069	2-82 Special Topics on Dynamic System Approaches in Biomechanics	3.0	3.0	0.0	
PEC0076	2-83 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0103	2-84 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC0125	2-85 Advanced Sport Biomechanics	3.0	3.0	0.0	
PEC0126	2-86 Studies in Kinesiology	3.0	3.0	0.0	
PEC0127	2-87 Application of Advance Dynamics in Biomechanics	3.0	3.0	0.0	
PEC0128	2-88 Research of Applied Mechanics in Biomechanics	3.0	3.0	0.0	
PEC0129	2-89 Bioengineering and Biomechanics	3.0	3.0	0.0	
PEC0130	2-90 Selected topics of Sports Equipment Design	3.0	3.0	0.0	
PEM0086	2-91 Research Methods for Potential and Selection of Athletes	3.0	3.0	0.0	

F-1. Required Course for Group of Physical Activity Psychology, 6.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0027	1 Research Methodology	3.0	3.0	0.0	
PEM0024	2 Statistics and Experimental Design(I)	3.0	3.0	0.0	

F-2. Elective Course for Group of Physical Activity Psychology, 9.0 credits are required

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
1 Core curriculum 9.0 credits are required Choose 3 courses from 4					
PEC0143	1-1 Studies in Sport Psychology	3.0	3.0	0.0	
PEC0115	1-2 E Special Topics on Motor Learning	3.0	3.0	0.0	
PEC0122	1-3 Special Topics on Exercise Psychophysiology	3.0	3.0	0.0	
PEC0142	1-4 E Studies in Exercise Psychology	3.0	3.0	0.0	
2 General elective courses 0.0 credit is required					

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
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	
PEC0116	2-31 Special Topics on Motor Control	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	
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	
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 Special 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	
PEC0144	2-52 Studies in Coaching Psychology	3.0	3.0	0.0	
PEM0004	2-53 Research on Curricula for Physical Education	3.0	3.0	0.0	
PEM0005	2-54 Research on Teaching Physical Education	3.0	3.0	0.0	
PEM0020	2-55 Studies in Sport Philosophy	3.0	3.0	0.0	
PEM0023	2-56 Studies in Sport Marketing	3.0	3.0	0.0	

Course Code	Course Name	Credit(s)	Credit Unit		Note
			Lecture Hour	Lab/Practice Hour	
PEM0032	2-57 Advanced Principles of Physical Education	3.0	3.0	0.0	
PEM0033	2-58 Seminar in Sport Management	3.0	3.0	0.0	
PEM0043	2-59 Seminar in Physical Training	3.0	3.0	0.0	
PEM0056	2-60 Studies in Physical Education Curricula for Elementary and Secondary Schools	3.0	3.0	0.0	
PEM0071	2-61 Analysis of Physical Education Teaching	3.0	3.0	0.0	
PEM0074	2-62 Studies in Sport Sociology	3.0	3.0	0.0	
PEM0075	2-63 Studies in International Trends of Physical Education and Sport	3.0	3.0	0.0	
PEM0086	2-64 Research Methods for Potential and Selection of Athletes	3.0	3.0	0.0	
PEM0095	2-65 Studies in Physical Education and Sports in China	3.0	3.0	0.0	
PEM0097	2-66 Sport and Media	3.0	3.0	0.0	
PEM0098	2-67 Studies in Sport Pedagogy	3.0	3.0	0.0	
PEM0100	2-68 E Studies in Strategic Sport Sponsorship	3.0	3.0	0.0	
PEC8010	2-69 Studies in Modern Physical Education and Sport History	3.0	3.0	0.0	
PEC8011	2-70 E Studies in Olympic Culture	3.0	3.0	0.0	
PEM0105	2-71 Professional Development and Assessment of Physical Education Teachers	3.0	3.0	0.0	
PEM0106	2-72 Studies in Recreational Sport	3.0	3.0	0.0	
PEC9002	2-73 Internship in Sport and Leisure Industry	3.0	0.0	6.0	
PEM0108	2-74 E Studies in Teacher Education- Physical Education	3.0	3.0	0.0	
PEC9003	2-75 E Management of Sport Events	3.0	3.0	0.0	
PEC8007	2-76 Special Topics on Physical Activity Cognitive Neuroscience	3.0	3.0	0.0	
PEC0117	2-77 Special Topics on Motor Development	3.0	3.0	0.0	
PEC8009	2-78 Special Topics in Eccentric Exercise and Training	3.0	3.0	0.0	
PEC8008	2-79 E Academic Writing and Oral Presentation for Sport Sciences	3.0	3.0	0.0	
PEC0145	2-80 Big Data and Visualization in Sports	3.0	3.0	0.0	
PEC0146	2-81 Special Topics in Exercise and Adipose Tissue Metabolism	3.0	3.0	0.0	
PEC8001	2-82 Special Topics on Sport Economics	3.0	3.0	0.0	
PEC8003	2-83 Special Topics in Physical Education and Sports History	3.0	3.0	0.0	
PEC8004	2-84 Philosophy of Play	3.0	3.0	0.0	
PEC8005	2-85 Integrated Studies of the Eastern and Western Sports Philosophy	3.0	3.0	0.0	
PEC8006	2-86 Studies in Sports History and Sociology	3.0	3.0	0.0	
PEC9001	2-87 E Program Design as Related to Strength and Conditioning	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	
PEC9001	1 E Program Design as Related to Strength and Conditioning	3.0	3.0	0.0	
PEC9003	2 E Management of Sport Events	3.0	3.0	0.0	
PEC8011	3 E Studies in Olympic Culture	3.0	3.0	0.0	
PEM0100	4 E Studies in Strategic Sport Sponsorship	3.0	3.0	0.0	
PEM0108	5 E Studies in Teacher Education- Physical Education	3.0	3.0	0.0	
PEC0115	6 E Special Topics on Motor Learning	3.0	3.0	0.0	
PEC0142	7 E Studies in Exercise Psychology	3.0	3.0	0.0	
PEC0030	8 E Advances Sport Nutrition	3.0	3.0	0.0	
PEC0039	9 E Special Topics in Exercise Energy Metabolism	3.0	3.0	0.0	
PEC0076	10 E Special Topics in Sport Biomechanics	3.0	3.0	0.0	
PEC0103	11 E Biomechanics of Skeletal System	3.0	3.0	0.0	
PEC8008	12 E Academic Writing and Oral Presentation for Sport Sciences	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

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

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

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

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



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

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