

Code	Course	Type	Category	Credit	Description
SPT2004	Human Anatomy	Theoretical Study	Major	3	This subject will study the influence on sports from gross anatomy that studies the form and structure of human body with made eyes, and from microscopic anatomy the studies the minute structure of cell and tissues with a microscope.
SPT2005	Exercise Physiology	Theoretical Study	Major	3	Exercise physiology is a study for physiological change of organ systems and is divided into three sections : 1)Physiology of exercise, 2)Physiology of health and fitness, and 3)Physiology of performance. It contains biological control systems, exercise metabolism, endocrine function during exercise and techniques for measurement of work, power, and energy expenditure. It also contains cardiopulmonary responses to exercise, acid-base regulation during exercise, temperature regulation, and the effect of various training(aerobic training, anaerobic training(aerobic training, anaerobic training) on organ system.
SPT2006	Sport Nutrition	Theoretical Study	Major	3	Focused on nutrition and energy for exercise understanding basic knowledge on nutrients in food ; carbohydrates, protein, fat, vitamins, and minerals. Students will learn energy metabolism during physical activities. Also discussed will include obesity, weight control, and diet.
SPT2007	Sport Sociology	Theoretical Study	Major	3	Sport sociology has the purpose to achieve the understanding of the knowledge and research method which is connected to sport phenomenon. The course intends to discuss various sociological trait and state variables such as politics, economy, education, culture, religion, social class and so on in view of currentare divided 15 items by three central focuses: (1)sport is a social institution and can be described, investigated, and analyzeas any other institution (2)sport is a micrososm of the large society (3)there exist numerous institutional interconnections among the basic institution of a society.

SPT2008	Sport Management	Theoretical Study	Major	3	This course addresses issues to consider, and approaches to use, in deciding: (a) the strategic direction of sport organizations, and (b) how such strategic directions can be most effectively implemented. To make these decisions, managers must accurately assess (1) threats and opportunities in the organization's environment and (2) the organization's strengths and weaknesses. The models and perspectives to be reviewed are particularly relevant to the environment in which sport organizations currently find themselves; this is an environment which is changing at an unprecedented pace and in which accepted approaches for managing are changing quickly and dramatically.
SPT2009	Sport Law	Theoretical Study	Major	3	Foundations of the legal system and legal research. National and organizational regulation specific to sport. Focus on contract law, tort liability and negligence, constitutional law and discrimination, antitrust law, agency law, labor law, and collective bargaining. Skills focus on contract development, dispute resolution, management of risk.
SPT2010	Sport Psychology	Theoretical Study	Major	3	This course intends to study the theoretical background which is applied in sports circumstance and to understand the research method which we should study human behavior scientifically.
SPT2013	Track Game	Practical Study	Major	2	This course has the purpose to enforce teaching ability by understanding and practising basic skill of track.
SPT2014	Field Game	Practical Study	Major	2	A study of learning "how to manage game" by understanding scientific theory and practical result coming from general theory, rules as well as practical events in the jump.
SPT2015	Gymnastics	Practical Study	Major	2	Apparatus exercise for men consists of floor exercises, pommel horse, Rings, Vault, parallel bars and horizontal bars. For women, vault, floor exercise, asymmetric bars, and beam. The class emphasizes the basics of apparatus exercise and is designed to improve physical fitness.
SPT2017	Swimming	Practical Study	Major	2	A study of front crawl stroke, back stroke, breast stroke, butterfly stroke, start, turn and swimming training methods. Prerequisite; swimming.
SPT2019	Taekwondo	Practical Study	Major	2	By practicing the basic movement, attacking defending. TaeKeuk Poomse, and Kyorugi, we can achieve the ideal state of being physically, spiritually, and socially from the improper and unfinished state of being.
SPT2021	Volleyball	Practical Study	Major	2	A study of learning basic and applicative skill and its strategy based volleyball theory, rules and judgement along with "how to play" through practical game in the field.
SPT2024	Badminton	Practical Study	Major	2	Fundamental and intermediate techniques to be taught include footwork, serving, clear, smash, drop shots, drive and net plays, rules, strategies and etiquette lectured.

SPT2025	Introduction to Sport Science	Theoretical Study	Major	3	This course provides students with an opportunity to discover the diversity of physical education, exercise science, and sport and the wealth of careers available in these fields. Students will be introduced to the heritage, current programs, and future potential of the field that they are considering entering. The purpose of this course is to introduce students to these multifaceted fields and to involve students in assessing potential careers in physical education, exercise science, and sport.
SPT2030	Measurement and Evaluation in Physical Education	Theoretical Study	Major	3	Analysis of the literature in testing, measuring and evaluating; Analysis of studies and research in the field of sport. Basic statistical techniques to analyze collected data. Measurement theories including validity, reliability, and objectivity.
SPT2031	Biomechanics	Theoretical Study	Major	3	An introduction to the physical laws of nature and an interpretation of those law as applied to human movement observed in athletic skills. An analysis of various specific athletic performance and an introduction to the research tools at kinesiology.
SPT2035	Soccer	Practical Study	Major	2	Soccer is required to learn basic skills, such as pass, kicking, shooting, stopping, trapping, and dribbling, so the student can apply various stratigies and set-play situations with adapted basic skills. Furthermore, creative stratigies and movement could be included.
SPT3001	Cardiorespiratory Physiology	Theoretical Study	Major	3	This lesson investigate physiological structure and physiological response during the exercise on a respiratory system and circulation system in human relate to the exercise.
SPT3003	Training Theory	Theoretical Study	Major	3	An advanced course designed for athletic training majors, in-depth review of prevention, evaluation, and rehabilitation techniques involved in internal, lower extremity, and special sprots related problems.
SPT3004	Exercise Prescription	Theoretical Study	Major	3	Exercise precription can be classified into the improvement of physical fitness, protection of disease(esp, adult disease), and precription for the handicapped. This course has an emphasis on mastering basic knowledge of scientific theory and program of training, which is necessary for the licence of excrcise prescription personnel. To do this, students should know necessity and danger of exercise, the effect and influence of exercise on human body, knowledge of exercise stress test and exercise prescription for the different age groups.

SPT3005	Sport Medicine	Theoretical Study	Major	3	This course is intended to acquire protective method of exercise injury and irrelevant factors which have negative influence on health and exercise for athletes and nonathletes. In addition, it provides basic medical knowledge about first aids, evaluation, treatment, and rehabilitation of the injured. Thus, students are required to understand kinds of sport injury which can be caused during the competition and to master the ability to apply immediate treatment based on medical knowledge. Also they need to know basic information on stretching, taping, and massage as means of protecting sport injury.
SPT3007	Economics in Sport Industry	Theoretical Study	Major	3	Analysis of supply and demand, market equilibrium, price and quantity as they pertain to sport. Market structure of sport leagues and study of competitive balance, revenue sharing, and salary caps. Techniques of economic impact and feasibility studies, valuation of sport assets, and financial analysis. Reasons for and methods of government sport venue financing. The role of ethics in sport economics and finance.
SPT3008	Sport Marketing	Theoretical Study	Major	3	Foundations of consumer behavior and sport marketing planning. Design and implementation of marketing plans. The integration of product, pricing, promotion, distribution, sales, sponsorship, advertising, and brand in the marketing of sport goods and services. Analysis of leagues, teams, events, properties, corporations, and manufacturers. The role of ethics in marketing.
SPT3010	Sport Tourism	Theoretical Study	Major	3	Students examine the relationship between sport and tourism, its history, and its relationship with social, cultural, economic, and natural environments. Events, facilities, activities, natural resources, and government policies are considered as part of a strategy to develop and promote travel destinations for sport tourism.
SPT3011	Policy & Governance in Sport	Theoretical Study	Major	3	This course is designed as an indepth study of major sport governing agencies. The course will focus on the organizational goals, functions, structure, membership, policy formation and administrative implementation. The course will cover national and international amateur and professional agencies pertaining to the students' interests and careers.
SPT3013	Sport Coaching Theory	Theoretical Study	Major	3	Design and management of weekly, monthly, and yearly training program for individual and team members. Practice organization, skill development, and analysis and evaluation of skill performance related to competitive game situation.
SPT3014	Sport Record Analysis	Theoretical Study	Major	3	Application of principles of mechanics to the analysis of human motion. Investigation of the effects of kinematics and kinetics on the human body with special emphasis on exercise and sport application, includes consideration of two-dimensional imaging techniques and force measurements.
SPT3017	Practical English in Sport	Theoretical Study	Major	3	English literature regarding 'Health and Physical Fitness' will be reviewed. Listening comprehension and spoken English will also be practiced.

SPT3019	Golf	Practical Study	Major	2	Fundamental skills of golf will be covered. Grip, stance, swing to be emphasized. Basic rules and etiquette will be taught.
SPT3021	Wind Surfing	Practical Study	Major	2	Design to teach footstraps and carve bying. It covers from basic movement to advanced manouvres. Design to teach footstraps and carve bying. It covers from basic movement to advanced manouvres.
SPT3023	First Aid	Practical Study	Major	2	The First Aid Method involves the process to take action immediately to a injured people or a acute patient in accident spot. It is involved not only to help temporary treatment before doctor care but to do reach on recovery state by appropriate treatment. The First Aid is a effective method of precaution against urgent state that may be occured in daily life. Once or more urgent situations are happened in our whole life. Therefore, It is very important to learn the process of first aid.
SPT3024	Dance Sport	Practical Study	Major	2	Sports dance will cover English classical ballroom and Latin American dance. These activities will not only promote the fitness level, but provide students with an opportunity to learn etiquette and formality.
SPT3029	Table Tennis	Practical Study	Major	2	The class focuses on basic and intermediate skills of table tennis ; Rules, tactics and strategies discussed. Throughout the class, students will improve their performing skills as well as their physical fitness levels.
SPT3030	Tennis	Practical Study	Major	2	This subject will introduce the basics of tennis including applied skills, strategies and practice methods as well as rules and umpiring techniques.
SPT3033	Ocean Sports	Practical Study	Major	2	This course is designed to provide physical activity and direct experience in adventure challenges requiring self-discipline, willingness to try, and personal commitment. Coursework includes physical fitness, swimming, group initiatives, trust activities, and challenge course low and high elements involving perceived physical and psychological risk and challenges.
SPT3034	Stretching	Practical Study	Major	2	This course is based on a study of fundamental gymnastics skills. Emphasis is placed on skill progression, spotting, and an understanding of the mechanics involved in the skills related to stretching.
SPT3036	Handball	Practical Study	Major	2	The aim of this game is to respect the personality of the opposing team players with the real sportsmanship and further to cultivate the ability to cope with the game by realizing the rules and possible various situations of the game. The game, as a kind of life athletic sports for the fulfillment of an instinctive desire for physical activities, help students to increase the spirit of unity and cooperativeness by making them realize the original or educational characteristics of handball game.
SPT3038	Sport-Co-op Internship 1	Field Education	Major	2	This internship courses is desigend to provide the junior and senior students majoring in sports acience with practical experiences at sports-related private andpublic industrial sectors and thereby to primote opportunities for future job search and other carriers.

SPT3039	Sport-Co-op Internship 2	Field Education	Major	3	This internship courses is designed to provide the junior and senior students majoring in sports science with practical experiences at sports-related private and public industrial sectors and thereby to promote opportunities for future job search and other carriers.
SPT3040	Sport-Co-op Internship 3	Field Education	Major	4	This internship courses is designed to provide the junior and senior students majoring in sports science with practical experiences at sports-related private and public industrial sectors and thereby to promote opportunities for future job search and other carriers.
SPT3041	Sport-Co-op Internship 4	Field Education	Major	5	This internship courses is designed to provide the junior and senior students majoring in sports science with practical experiences at sports-related private and public industrial sectors and thereby to promote opportunities for future job search and other carriers.
SPT3042	Sport-Co-op Internship 5	Field Education	Major	6	This internship courses is designed to provide the junior and senior students majoring in sports science with practical experiences at sports-related private and public industrial sectors and thereby to promote opportunities for future job search and other carriers.
SPT3043	Sport-Co-op Internship 6	Field Education	Major	9	This internship courses is designed to provide the junior and senior students majoring in sports science with practical experiences at sports-related private and public industrial sectors and thereby to promote opportunities for future job search and other carriers.
SPT3044	Sport Statistics	Theoretical Study	Major	3	Introduction to the theory of measurement and basic statistics and to the quantitative analysis of sports. Student expected to gain further understanding of characteristics of athletes and various sports through data collection and statistical analyses of sport-related phenomena. Class teaching, group discussion, and lab exercise using Excel and SPSS program will be assigned during the course.
SPT3046	Foreign Policies in Sports	Theoretical Study	Major	3	International interactions are becoming increasingly active using sports as medium, and its influence is become even greater. Therefore, the concept and general trends of modern foreign policies, and fundamental way to approach this topic will be covered in this achievement of Korean sports foreign policies will be discussed to develop ideas for future Policy making.
SPT3047	Sport Fishing	Practical Study	Major	2	Sport fishing is a relatively new term developed from the leisure activity of fishing emphasizing the strict rules and competition. While sport fishing has gained world-wide popularity, its concept is still not familiar in Korean leisure scene. Therefore, through this class, students will be able to learn the concept and skills necessary for sports fishing through intensive in-class and open water practice sessions.

SPT3048	Kumdo	Practical Study	Major	2	Role popularity of Kumdo reflects the public demands for a martial art which is more than a simple toll of self defense or health conditioning. To provide the proper answers to such demands, this class emphasize the wholistic approaches and teach various aspects of Kumdo including it's philosophy and history. Therefore, students will be able to acquire more in-depth understanding of Kumdo which is necessary to avoid superficial skill teaching and to provide the proper form of martial art.
SPT3051	History and Philosophy of Physical Education	Theoretical Study	Major	3	The development of sports history, philosophy and ethics from their beginning through the present with emphasis on the historical significance in sports and modern culture between western and eastern societies.
SPT3052	Adapted physical education	Theoretical Study	Major	3	Adapted physical activities for disabled and handicapped people of all ages with emphasis on the programs of general class activities, special adapted physical education and recreation, and developmental approaches of physical, mental, and social functions in the society.
SPT3054	Sport-co-up internship 7	Field Education	Major	18	Field experience by participating in the Co-op program organized and offered by the university.=====
SPT3055	Motor Control	Theoretical Study	Major	3	To answer the question of how mankind can perceive environment and generate or learning proper responses in the form of moment, students will learn various neuroscientific approaches toward this question and search for possible real world implications.
SPT3056	Motor Learning & Psychology	Theoretical Study	Major	3	Provide students with an opportunity to acquire knowledge, insights, and skills germane to the study of human growth and motor development over the life span. Emphasis on observing and analyzing characteristics movement behavior, motor learning, and motor performance, with application to developmentally appropriate movement experiences.
SPT3057	Health Education	Theoretical Study	Major	3	The purpose of this course is to examine the philosophical, ethical and theoretical foundations of the professional practice of health education in school, community, work site and hospital settings, as well as in health promotion activities. The goal of this course is to provide a state-of-the art, conceptual framework for health-related majors including physical educators, exercise leaders and scientists and professional trainers, to gain clear, succinct principles regarding the fields of health education, health promotion, and disease prevention.

SPT3058	Introduction to Sport Industry	Theoretical Study	Major	3	Introduction to the multiple facets of the sport industry. The purpose of the course is to introduce students to the multiple components of the sport industry, providing students an overview of the entire industry. Major concepts to be studied will include a background of the industry, various segments of the industry, and how these various segments interact with one another. The knowledge gained in this course will provide a foundation for the future study of the industry.
SPT3059	Skiing · Snowboarding	Practical Study	Major	2	In this class you can learn theory and technics of skiing or snowboarding so that you can not only enjoy the sports but also make healthy body. Course includes becoming familiar with use of equipment, terminology, and safety rules. Includes lecture and field experience to improve skiing or snowboarding skills.
SPT3060	Human Pathophysiology	Theoretical Study	Major	3	Physical activity plays a key role in promoting health and physical fitness, and substantial evidence has been accumulated to support that physical inactivity contributes to the development of various chronic and degenerative diseases. Thus this lecture will introduce and address the pathophysiologic mechanisms underlying the so-called hypokinetic diseases including obesity, diabetes mellitus, hypertension, dyslipidemia, cognitive impairments, and etc.
SPT3061	Sport Industry Engineering	Theoretical Study	Major	3	Sport Industry Engineering will introduce the engineering design principles, which can be applied to the effective one of sport products (golf ball, club, tennis racket, MTB bike), as well as engineering approaches that can be utilized for understading the behavior of sport-related materials (composite materials for developing artificial muscle units, superhydrophobic materials for decreased water friction)
SPT3062	Sport psychological counseling	Theoretical Study	Major	3	The course of 'sport psychological counseling' is aimed to approach the personal and circumstantial factors, which affact directly and indirectly to sports performance, through counseling so we can understand the skillful performance and apply to actual field.
SPT3063	Basketball	Practical Study	Major	2	The purpose of the Basketball class is that the student get various basic skills (pass, dribbling, shooting, footwork, etc.) and game stratigies (swift attack, slow attack, man-to-man defense, area defense, etc.). Furthermore, practice will be given to adapt revised rules and judgements, and the student needs to learn teaching skills to pass down the acquired knowledge to others.

SPT3064	fitness training	Practical Study	Major	2	Fitness Training is required to understand basic principle of fitness training, training methods for each body parts, and recovery mechanisms for fatigue. Practice will be provided for applying knowledge and more effective management to actual circumstance
SPT3065	Exercise Physiology Laboratory	Practical Study	Major	2	Exercise physiology laboratory is required to apply the basic concepts and knowledges of exercise physiology, exercise prescription, and training methods. Therefore, this lecture will provide the students with various laboratory skills that are applied to those sport science fields. They include body composition and fitness assessment, exercise testing and diagnosis, strength assessment, metabolic measurements, and basic blood chemistry assays.
SPT3066	Sport camping	Practical Study	Major	2	This class will provide camping knowledge, promoted communal spirit, and emotional purification via various and healthy camping activity in the nature. Also, safety management and first aid for emergency will be treated in the class, and furthermore, the student can gain teaching ability about the sport camping, which is rapidly spreaded as a modern leisure culture.
MCJ3019	Media Sports	Theoretical Study	Major	3	The world of media sport is examined by a distinguished group of scholars. This world that we look at is shaped at institutional, textual and experimental levels. This basic drawn in both traditional communication research and cultural studies. Media sport interacts with the crossroads of identities rooted in notions of race, gender, nation and the heroic. This seminar explores this interaction between institution, text and audiences.
EDU3004	Counseling Psychology	Theoretical Study	Major	3	The course is to teach students counseling techniques to preserve and improve personal positive behaviors as well as to change abnormal behaviors such as anxiety, fear, anger, impulsivity, overactivity, delinquency and so on, and to treat patient's psychic disorders. This techniques include theory of psychodynamics, cognitive therapy, rational- emotive therapy, realty therapy behavior therapy, family therapy, and group counseling.
EBM3020	Biomechanics of Movement	Theoretical Study	Major	3	Engineering mechanics applied to analyzed human movement, including models of muscles and tendon, kinematics of joints and dynamics of multijoint movement. Applications in sports, rehabilitation, and orthopaedics.
SPT4001	Studies in Sports Nutrition	Theoretical Study	Major	3	This lesson discusses energy mobilization concept during a sport activities and the methods of energy supplment during a human activities.
SPT4002	Studies in Exercise Physiology	Theoretical Study	Major	3	This lesson discusses physiological ability in human body and the study of physiological response during the sports activities.

SPT4003	Studies in Sports Biomechanics	Theoretical Study	Major	3	A study of the biomechanical concepts important to analysis of techniques used in selected sports. Explores recent research findings on efficient sports techniques. Provides experience in the analysis of skill performance.
SPT4004	Studies in Sport Psychology	Theoretical Study	Major	3	Research of sports psychology deals with general method of research as an absolute instrument and an weapon in scholarship activities, also deals with the necessity of basic understanding and basic principles about learning research, and method of research which a scholar should keep in mind
SPT4005	Studies in Statistics of Physical Education	Theoretical Study	Major	3	The application of techniques used to organize, analyze, and interpret statistical data unique to health and exercise science. Topics include measures of central tendency, measures of variability, percentiles, sampling, correlation, regression, standard scores, and tests of significance through repeated measures ANOVA and including parametric, non-parametric tests.
SPT4006	Studies in Sports Sociology	Theoretical Study	Major	3	The course has the purpose to achieve the understanding the knowledge and research method which is connected to sport phenomenon.
SPT4007	The Study of Motor Learning	Theoretical Study	Major	3	It analyze structures, principles, methods of motor learning scientifically and deals with learning process of physical activities and effective learning method including physical function research in order to identify influential factors to motor activities.(examples : motor activities model, motor learning process, motor memory, repatriation, transition, exercising laws.)
SPT4008	Studies in Measurement and Evaluation of Physical Education	Theoretical Study	Major	3	Selection of research topics, searching literature, test construction, descriptive methods, laboratory research, application of statistical procedures, formal writing, and experimental design in physical education and sport science domains. The course is also designed to help the student prepare for work on a starred paper or thesis.
SPT5001	Topics in Cardiorespiratory Physiology	Theoretical Study	Major	3	This lesson investigate physiological structure and physiological response during the exercise on a respiratory system and circulation system in human relate to the exercise.
SPT5002	Topics in Exercise Physiology	Theoretical Study	Major	3	This lesson study throughly generally physiological response in the human and physiological response during the exercise.
SPT5004	Topics in Exercise Prescription	Theoretical Study	Major	3	This lesson study clinically aspects understanding of chronic disease and attack of disease. Also, in this disease study methods of exercise treatments.