

GAZİ UNIVERSITY

SCHOOL of PHYSICAL EDUCATION and SPORT

ECTS INFORMATION PACKAGE FOR

PhD DEGREE

At INSTITUTE OF MEDICAL SCIENCES

HEAD OF DEPARTMENT

Professor A. Faik İMAMOĞLU

Phone: +90 312 202 35 01

E-mail: imamoglu@gazi.edu.tr

ECTS COORDINATOR

Professor Omer SENEL

Phone: +90 312 202 35 16-92

E-mail: osenel@gazi.edu.tr

VICE COORDINATOR OF ECTS

Assistant Professor Nevin ATALAY GÜZEL

Phone: +90 312 202 35 88

E-mail: natalay@gazi.edu.tr

BES 5010 ANALYSIS OF TURKISH PHYSICAL EDUCATION AND SPORT SYSTEM AND INTERNATIONAL COMPARISON							Physical Education and Sport			
							Doctorate Program			
Semester	Teaching Methods							Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit	
2	42	-	56	-	42	48	188	3	7.5	
Language	Turkish									
Elective / Elective	Elective									
Prerequisites	No									
Course Contents	Analysis of spor management models which are applied in the world and Turkey. Problems and solution of the problems about the sport management models. Comparison between Turkish and other countries sport management models.									
Course Objectives	Understanding the sport management models are applied all around the world and to be able to compare these models.									
Learning Outcomes and Competences	Knowing sport management models are applied other countries and comprehend basic differences between models.									
Textbook and /or References	1- Fişek, K: Türkiye’de ve Dünyada Spor Yönetimi, 1980. Bucher, C.A.;Management of Physical Education and Athletic Programs, 9. Edition, Collage Publishing,1987 İnternet									
Assessment Criteria							If any,mark	Percent		
							<i>as (X)</i>	(%)		
	Midterm Exams						X	30		
	Quizzes									
	<i>Homeworks</i>									
	Projects									
	Term Paper						X	20		
	Laboratory Work									
Other										
Final Exam						X	50			
Instructors	Yrd.Doç.Dr. Zafer Çimen									
Week	Subject									
1	Definition of lesson and content of projects									
2	Basic concepts of sport management									
3	Sport management models are applied in turkey and other countries									
4	Basic concepts of physical education									
5	Teaching models of physical education in Turkey and other countries									
6	Project presentation and discussion									
7	Project presentation and discussion									
8	Project presentation and discussion									
9	Project presentation and discussion									
10	Project presentation and discussion									
11	Project presentation and discussion									
12	Project presentation and discussion									
13	Project presentation and discussion									
14	Project presentation and discussion									

BES-5100 PHYSIOLOGICAL ISSUES IN SPORTS						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	84	-	20	42	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Examine to physical education and sport physiology topics								
Course Objectives	comprehension of physical education and sport physiology topics								
Learning Outcomes and Competences	comprehension of physical education and sport physiology topics and transferring to application								
Textbook and /or References	Spor fizyolojisi ve performans ölçümü(Mehmet Günay ve ark.) Text book of work physiology(astrand) The physiological basic of physical education(fox)								
Assessment Criteria						If any,mark	Percent		
						as (X)	(%)		
	Midterm Exams					X	30		
	Quizzes								
	<i>Homeworks</i>								
	Projects					X	20		
	Term Paper								
	Laboratory Work								
Other									
Final Exam					X	50			
Instructors	Prof. Dr. Mehmet GÜNAY								
Week	<i>Subject</i>								
1	Introduction of physiology ,cell								
2	Energy								
3	Recovery								
4	Muscle								
5	Neural system								
6	ventilation								
7	cardiovascular system								
8	Endocrin system								
9	Heat,high altitude.and hyperbaric environment								
10	Doping and ergojenic aid								
11	Energy balance ,nitration and performance								
12	Overtraining								
13	Women and sport								
14	Age and sport								

BES 5080 THE PLACE OF PHYSICAL EDUCATION AND SPORT IN TURKISH CULTURE					Physical Education and Sport					
					Doctorate Program					
Semester	Teaching Methods						Credits			
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit	
5	42	56	-	-	20	70	188	3	7,5	
Language	Turkish									
Elective / Elective	Elective									
Prerequisites	No									
Course Contents	The place of physical education and sport in Turkish culture, sport's institutionalization, historical periods and geographical regions that effect of physical education and sport in Turkish culture.									
Course Objectives	Examination of physical education and sport's various aspects in Turkish culture.									
Learning Outcomes and Competences	Learning of physical education and sport's various aspects in Turkish culture.									
Textbook and /or References	<p>Güven, Ö., Türklerde Spor Kültürü, Geliştirilmiş İkinci Baskı, Atatürk Yüksek Kurumu Atatürk Kültür Merkezi Yayını: 172, Türk Kültüründen Görüntüler Dizisi: 44, Ankara, 1999.</p> <p>Kahraman, A., Osmanlı Devletinde Spor, T.C. Kültür Bakanlığı Yayınları: 1697, Yayınlar Dairesi Başkanlığı Başvuru Kitapları Dizisi: 27, Ankara, 1995.</p> <p>Yücel, Ü., Türk Okçuluğu, Atatürk Yüksek Kurumu Atatürk Kültür Merkezi Yayını: 182, Ankara, 1999.</p>									
Assessment Criteria						If any, mark	Percent			
						as (X)	(%)			
	Midterm Exams					X	20			
	Quizzes					-	-			
	<i>Homeworks</i>					X	30			
	Projects					-	-			
	Term Paper					-	-			
	Laboratory Work					-	-			
Other					-	-				
Final Exam					X	50				
Instructors	Prof.Dr.Özbay GÜVEN ozbay@gazi.edu.tr									
Week	Subject									
1	Certain Properties of Turkish Culture.									
2	Effects of Historical Periods and Geographical Regions to the Physical Education and Sport in Turkish Culture.									
3	Sources of Physical Education and Sport in Turkish Culture.									
4	Game and Sport in Turks Carnival, Festivity and Celebration									
5	Sportive Activities, Competitions and Sport Areas in Turkish Culture.									
6	Hunting in Turkish Sport Culture.									
7	Archery in Turkish Sport Culture.									
8	Midterm Exam									
9	Wrestling in Turkish Sport Culture.									
10	Horsemanship and Equestrianism in Turkish Sport Culture.									
11	Cogen/Cevgan/Polo in Turkish Sport Culture.									
12	Buzkashi in Turkish Sport Culture.									
13	Jereed in Turkish Sport Culture.									
14	Other Aspects of Turkish Sport Culture.									

BES 4100 SPORT ANTHROPOLOGY RESEARCHES						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
3	42	46	-	-	30	70	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Examination of sport anthropology studies.								
Course Objectives	Sport's similar and different aspects research for human in different times and cultures is aimed.								
Learning Outcomes and Competences	Learning studies in sport anthropology by examination.								
Textbook and /or References	<p>Anthropology, Sport and Culture, Editor: R.R.Sands, Bergin & Garvey, London, 1999.</p> <p>Sands, R.R., Sport Ethnography, Human Kinetics, Champaign, 2002.</p> <p>Sport as Symbol, Symbols in Sport, Editor: Floris Van Der Merwe, ISHPES-Studies, Volume: 4, Academia Verlag, Berlin, 1996.</p>								
Assessment Criteria							If any,mark	Percent	
							as (X)	(%)	
	Midterm Exams						X	20	
	Quizzes						-	-	
	<i>Homeworks</i>						X	30	
	Projects						-	-	
	Term Paper						-	-	
	Laboratory Work						-	-	
Other						-	-		
Final Exam						X	50		
Instructors	Prof.Dr.Özbay GÜVEN ozbay@gazi.edu.tr								
Week	<i>Subjects</i>								
1	Contents and Sub-Disciplines of Anthropology.								
2	Anthropology and Other Human Sciences.								
3	Basic Concepts of Anthropology.								
4	The View of Anthropology to Sport.								
5	Sport and Myth.								
6	Sport and Religion.								
7	Rituals and Symbols in Sport.								
8	Midterm Exam.								
9	Tradition, Custom and Sport.								
10	Geographical Separation of Traditional Sports.								
11	Humanistic Perspective of Ceremonies in Sport.								
12	Creation and Development of Sport in Cultures Early Times.								
13	The Aspects and Similarities of Sports Branches Anthropological Basics.								
14	Cultural Approach to Sport Behaviors in Primitive Societies.								

BES-5110 DEVELOPMENT OF CONTEMPORARY						Physical Education and Sport			
PHYSICAL EDUCATION AND SPORT IDEA						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	56	70	-	-	20	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Education and Physical Education in Ancient Greece, Rome, Renaissance and Illumination periods; German and Swedish Gymnastics and their Pioneers; Industrial Age and Modern Sport, Modern Olympic Games: Establish and Philosophy; Fair Play in Sport and Historical Development; Physical Education Trend in Turkey: German Gymnastics, Swedish Gymnastics and Modern Sport; Ideological and Institutional Development of Physical Education in Turkey; The Olympic movement and Olimpizm in Turkey								
Course Objectives	Examining of historical development of modern physical education								
Learning Outcomes and Competences	Learning of development and changing period of modern physical education opinion from antique ages to today								
Textbook and /or References	Alpman, C., Eđitimin Bütünlüđü İçinde Beden Eđitimi ve Çađlar Boyunca Gelişimi. İstanbul: Millî Eđitim Basımevi, 1972; Bohus, J., Sportgeschichte: Gesellschaft und Sport von Mykene bis heute. München;Wien; Zürich: BLV Verlagsgesellschaft, 1986; Gillet, B., Spor Tarihi. Çev.: Mustafa Durak, İstanbul: Gelişim Yayınları, 1975; Weiler, I., Der Sport bei den Völkern der Alten Welt. Darmstadt: Wissenschaftliche Buchgesellschaft, 1981.								
Assessment Criteria							If any, mark as (X)	Percent (%)	
	Midterm Exams						X	30	
	Quizzes								
	Homeworks						X	20	
	Projects								
	Term Paper								
	Laboratory Work								
	Other								
Final Exam						X	50		
Instructors	Prof.Dr. İbrahim YILDIRAN (yildiran@gazi.edu.tr)								
Week	Subject								
1	Education and Physical Education in Ancient Greece and Rome								
2	Education and Physical Education in Renaissance and Illumination periods								
3	German Gymnastics and F. L. JAHN								
4	Swedish Gymnastics and P. H. LİNG								
5	Industrial Age and Modern Sport								
6	Modern Olympic Games: Establish and Philosophy								
7	Fair Play in Sport and Historical Development								
8	Mid-Term								
9	Physical Education Trend in Turkey: German Gymnastics								
10	Physical Education Trend in Turkey: Swedish Gymnastics								
11	Physical Education Trend in Turkey: Modern Sport								
12	A Pioneer in Turkish Sport: S. S. TARCAN								
13	Ideological and Institutional Development of Physical Education in Turkey								
14	The Olympic movement and Olimpizm in Turkey								

BES-4070 OLYMPIC MOVEMENT: HISTORY, PHILOSOPHY AND FUTURE						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods					Credits			
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
-	42	56	70	-	-	20	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	None								
Course Contents	Ancient Olympic Games: Origins, Athletes Profiles, Branch and Practice; Traditional Practices and Ceremonies, Amateur Sportsmanship Concept, Women and Awards in Ancient and Modern Olympic Games; Establishment of Modern Olympic Games; Olympic Movement and Olympic Philosophy; Olympic Congress, Problems Encountered in Modern Olympic Games; Ancient Olympic Sites in Anatolia; Establishment and Development of National Olympic Committee of Turkey; The Olympic movement and Olympism in Turkey								
Course Objectives	Examining of the historical development, philosophy and problem areas of Olympic movement								
Learning Outcomes and Competences	Learning the comparison of ancient and modern Olympic movement, history, philosophy and problems of modern Olympic movement that raced.								
Textbook and /or References	Erdemli, A, İnsan, Sporve Olimpizm. İstanbul: Sarmal Yayınevi, 1996; Fişek, K.ı Spor Yönetimi. 2. Basi, Ankara: Bağirgan Yayınevi, 1988; San, H, Belgeleri ile Türk Spor Tarihinde Olimpizm ve Olimpik Hareket. İstanbul, 1985; Karakucuk, S., Tarihi ve Politik Yönden Olimpiyat Oyunları, Swaddling, Antik Olimpiyat Oyunları. İstanbul: Homer Kitabevi, 2000.								
Assessment Criteria						If any, mark as (X)	Percent (%)		
	Midterm Exams					X	30		
	Quizzes								
	<i>Homeworks</i>					X	20		
	Projects								
	Term Paper								
	Laboratory Work								
	Other								
	Final Exam					X	40		
Instructors	Prof.Dr. İbrahim YILDIRAN (yildiran@gazi.edu.tr)								
Week	<i>Subject</i>								
1	Ancient Olympic Games and their Origins								
2	Ancient Olympic Games: Athletes Profiles, Branch and Practice								
3	Ancient and Modern Olympic Games: Traditional Practices and Ceremonies								
4	Amateur Sportsmanship Concept in Ancient and Modern Olympic Games								
5	Women in Ancient and Modern Olympic Games								
6	Awards in Ancient and Modern Olympic Games								
7	Establishment of Modern Olympic Games								
8	Mid-Term								
9	Olympic Movement and Olympic Philosophy								
10	Olympic Congress								
11	Problems Encountered in Modern Olympic Games								
12	Ancient Olympic Sites in Anatolia								
13	Establishment and Development of National Olympic Committee of Turkey								
14	The Olympic movement and Olympism in Turkey								

BES 5020 EXERCISE FOR CHILDREN,WOMEN AND THE ELDERLY						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
1	42	-	96	-	-	50	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Physical and physiological characteristics of children,the elderly and women Types of physical activity,training and overload principles for children women and the elderly								
Course Objectives	To examine the effects of physical exercise on children,the elderly and women								
Learning Outcomes and Competences									
Textbook and /or References	The Physiological Basis of Physical Education and Athletics;Fox,E.L,1988. Fiziksel Uygunluk;Erdal Zorba,Gazi Kitapevi,2001.								
Assessment Criteria							If any,mark as (X)	Percent (%)	
	Midterm Exams						X	30	
	Quizzes								
	<i>Homeworks</i>								
	Projects						X	20	
	Term Paper								
	Laboratory Work								
	Other								
Final Exam						X	50		
Instructors	Ass.Prof.A.Emre EROL								
Week	Subject								
1	<i>Childhood period specialties, risk and dangers of training in child and youth</i>								
2	<i>Response of Children to exercise and planning children training</i>								
3	<i>Differences of physical and physiology of woman</i>								
4	<i>Menstruation and pregnancy periods of woman</i>								
5	<i>Changing of physical and physiological differences in older people</i>								
6	<i>Principles of strength development in children and educational steps</i>								
7	<i>Examples of training</i>								
8	<i>Principles of strength development in woman and educational steps</i>								
9	<i>Examples of training</i>								
10	<i>Principles and methods of development of techniques in different sports in woman and children</i>								
11	<i>Principles and methods of exercise development in older people</i>								
12	<i>Principles and methods of exercise development in older people according to rehabilitation programs</i>								
13	<i>Applications</i>								
14	<i>Final</i>								

BES-3020 CARDIOVASKULER ADAPTATION TO EXERCISE					Physical Education and Sport Doctorate Program				
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
1	42	-	56	42	-	48	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Examine to physical education and cardiovasculer sport physiology topics								
Course Objectives	comprehension of physical education and cardiovasculer sport physiology topics								
Learning Outcomes and Competences	comprehension of physical education and cardiovasculer sport physiology topics and transferring to application								
Textbook and /or References	Spor fizyolojisi ve performans ölçümü(Mehmet Günay ve ark.) Text book of work physiology(astrand) The physiological basic of physical education(fox)								
Assessment Criteria							If any,mark as (X)	Percent (%)	
	Midterm Exams						X	30	
	Quizzes								
	Homeworks								
	Projects						X	20	
	Term Paper								
	Laboratory Work								
	Other								
Final Exam						X	50		
Instructors	Prof. Dr . Mehmet GÜNAY								
Week	Subject								
1	Sutstructure of myocard								
2	Metabolizm of myocard								
3	Stimutating system of myocard								
4	Contraction of myocard and ekg								
5	Blood vessel and periferic system								
6	Autonomic control of myocard								
7	Mid term								
8	Myocard and exercise								
9	O2 transport system								
10	Training effect stroke volume								
11	Posture and exercise								
12	Effect of training								
13	Exercise and acid-base regulation								
14	Age and sport								

BES-4030 ENDOCRINOLOGY AND EXERCISE					Physical Education and Sport				
					Doctorate Program				
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	56	42	-	48	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Examine to endocrinologic basic of physical education and sport topics								
Course Objectives	comprehension of endocrinologic basic physical education and sport physiology topics								
Learning Outcomes and Competences	comprehension of endocrinologic basic physical education and sport physiology topics and transferring to application								
Textbook and /or References	Spor fizyolojisi ve performans ölçümü(Mehmet Günay ve ark.) Exercise endocrinology (K.T Borer) The physiological basic of physical education(fox)								
Assessment Criteria							If any,mark as (X)	Percent (%)	
	Midterm Exams						X	30	
	Quizzes								
	Homeworks								
	Projects						X	20	
	Term Paper								
	Laboratory Work								
	Other								
Final Exam						X	50		
Instructors	Prof. Dr . Mehmet GÜNAY								
Week	Subject								
1	İntroduction of endocrinology								
2	Endocrin system								
3	Role of the autonomic nervous systemin exercise								
4	Receptors and checemial message in exercise								
5	Regulation of body fluids during exercise								
6	Exercise as an emergency and stressor								
7	Mid term								
8	Exercise and nutrient partitioning between structure and storage								
9	Reproduvtive hormon and exercise								
10	Endocrinology of biological rythms and exercise								
11	Endocrinal terminology								
12	Training effect								
13	Jormonal regulation fuel use in exercise								
14	Discussing of project								

BES-5070 LEADERSHIP IN PHYSICAL EDUCATION AND SPORT					Physical Education and Sport				
					Doctorate Program				
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
1	42	-	56	-	42	48	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Leadership theories, technics, leadership problems in sport activity, roles of leaders to carry on management, planning and recreation program								
Course Objectives	To know main concepts related with leadership, to understand place and significance of leader in management processes, to know leadership theories								
Learning Outcomes and Competences	To know leadership technics ands to develop for problems								
Textbook and /or References	<p>ÇELİK, V., (2000), Eğitimsel Liderlik, Pegem A Yayınevi, Ankara</p> <p>KARAKÜÇÜK, S., (1999), Rekreasyon, Kavram, Kapsam ve Bir Araştırma, Bağırhan Yayınevi, 3. Basım, Ankara</p> <p>WERNER,I., (1993), Liderlik ve Yönetim, (Çev: Vedat Ünver), Rota Yayınları</p> <p>HUNT, J.W., (1999), Yönetici için Örgüt İçindeki Davranışlar Kılavuzu, Öteki Yayınları</p>								
Assessment Criteria							Number		%
	Midtern Exams						X		25
	Quizzes								
	Homeworks								
	Projects								
	Term Paper						X		25
	Laboratory Work								
Other									
Final Exam							X		50
Instructors	Assist. Prof. Dr. Fatih YENEL, fyenel@gazi.edu.tr								
Week	Subject								
1	Main concepts and definitions related with leader and leadership								
2	Required basic characteristic and principles for leadership								
3	Formation of leadership								
4	Group and leadership								
5	Functions of leadership								
6	Main leadership theories								
7	Models of leadership								
8	New approaches to models of leadership								
9	Management and leadership								
10	Trainer and leadership								
11	Leadership and motivation								
12	Leadership and leadership skills in sport activities								
13	Leader type in sport								
14	Education and responsibilities of leader								

BES-5050 SPORTS CLUPS MANAGEMENT						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	56	-	42	48	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Development and improvement tools of physical education and sport ♦Sport clubs♦, establishment, function and management. Actual problems of Turkish sport clubs and solutions.								
Course Objectives	Understanding the establishment, management, problems and applications of sport clubs,								
Learning Outcomes and Competences	Functions and actual problems of sport clubs								
Textbook and /or References	<p>Bucher, C.A.;Management of Physical Education and Athletic Programs, 9. Edition, Collage Publishing,1987</p> <p>Related abstracts and dissertations</p>								
Assessment Criteria							If any,mark	Percent	
							<i>as (X)</i>	<i>(%)</i>	
	Midterm Exams						X	30	
	Quizzes								
	Homeworks								
	Projects						X	20	
	Term Paper								
	Laboratory Work								
Other									
Final Exam						X	50		
Instructors	Yrd.Doç.Dr. Zafer Çimen								
Week	Subject								
1	Definition of lesson and content of projects								
2	Establishment and functions of sport clubs								
3	Working type and conditions of sport clubs in Turkey and other countries								
4	Problems of sport clubs								
5	Project presentation and discussion								
6	Project presentation and discussion								
7	Project presentation and discussion								
8	Project presentation and discussion								
9	Project presentation and discussion								
10	Project presentation and discussion								
11	Project presentation and discussion								
12	Project presentation and discussion								
13	Project presentation and discussion								
14	Project presentation and discussion								

BES-4040 MOVEMENT ANALYSIS AND ASSESTMENT						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
2	42	-	56	42	-	48	188	3	7,5
Language	Turkish								
Compulsory / Elective	Elective								
Prerequisites	No								
Course Contents	Preliminary Motion Considerations, Basic concepts,(work, strength, Power, velocity, impulse, momentum, torque, energy) Motion and forms of motion, Linear kinematics, Angular kinematics, Linear Kinetics, Angular Kinetics, Equilibrium and centre of gravity in the human body, The body as a lever system, Analysis of joint mechanics, Mechanics of Cardiovascular system Analysis of Force acting on human body of sports techniques , Analysis of Sports techniques (Running, jumping, throwing, gymnastics, football, Basketball, Swimming) Human performance analysis, (Muscle and joint acting)								
Course Objectives	<p>Giving the principles of mechanics for physical education and sports</p> <p>-Analyze exercise movement using basic laws of physics (levers, torque, mass, power, velocity, gravity, etc.)</p> <p>-Demonstrate knowledge of the skeletal and muscular systems of the human body.</p> <p>-Identifies major muscle groups involved in human movement</p>								
Learning Outcomes and Competences	<p>-Learning the principles of mechanics for physical education and sports to applicate</p> <p>-learn the basic anatomical and kinematic and kinetic concepts</p> <p>- learn how the human movement generates movement</p> <p>-Learn the kinematic concepts laws and principles that govern the human movement motion,</p> <p>- learn the forces action on the body in a fluid and how the human body motion is effected.</p>								
Textbook and /or References	<p>- James G.HAY, The Biomechanics of Sports Techniques, Prentice Hall Inc.New Jersey, Third Ed. 1985</p> <p>- Susan J. Hall, Basic Biomechanics Mosby Year book, 1991.</p> <p>- Barbara A. Gowitzke, Understanding the Scientific Bases of Human Movement,Williams& wilkins 1972</p> <p>-Thompson & Floyd, Manual of Structural Kinesiology (15th Ed.), McGraw-Hill Publishers, 2004wilkins</p> <p>- David L.kelley, Kinesiology, Fundamentals of Motion Description, Printice- Hall,</p>								
Assessment Criteria						If any,mark as (X)		Percent (%)	
	Midterm Exams					-		-	
	Quizzes					-		-	
	Homeworks					-		-	
	Projects					-		-	
	Term Paper					X		50	
	Laboratory Work					-		-	
	Other					-		-	
Final Exam					X		50		

Instructors	Asst.Prof.Dr. Latif AYDOS (aydost@gazi.edu.tr)
Week	Subject
1	<i>Applies fundamental Kinesiological and mechanical principles to the human musculoskeletal system</i>
2	<i>Biomechanics in physical education and athletics, Basic concepts,(work, strenght, Power, velocity, impuls, momentum, torque, energy)</i>
3	<i>Motion and forms of motion, neuroi muscular activation patterns</i>
4	<i>Linear kinematics, Angular kinematics, Linear Kinetics, Angular Kinetiks, (kinematics,kinetics)</i>
5	<i>Equilibrium and centre of gravity in the human body, Interrelationship among centre of the gravity base of support balance, stability and proper spinal alignment</i>
6	<i>The body as a lever system, Analysis of joint mechanics (musculotendon mechanics)</i>
7	<i>Mechanics of Cardiovascular system</i>
8	<i>Structure and chemistry of skeletal muscle</i>
9	<i>Muscle Dynamics</i>
10	<i>Analysis of Force acting on human body of sports techniques Musculoskeletal force</i>
11	<i>Analysis of Sports techniques (Running, jumping, throwing, gymnastics, football, Basketball, Swimming</i>
12	<i>Analysis of Sports techniques (Running, jumping, throwing, gymnastics, football, Basketball, Swimming</i>
13	<i>Human performance analysis, (Muscle and joint acting),</i>
14	<i>Biomechanics of throw-like motions: Throwing, striking, kicking</i>

BES 5140 EVALUATION OF LEISURE TIME AT EDUCATIONAL INSTITUTION						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
2	42	-	84	-		42	20	188	7,5
Language	Turkish								
Compulsory / Elective	Elective								
Prerequisites	No								
Course Contents	Applications of leisure time comprehension at educational institutions								
Course Objectives	To provide assistance with leisure time applications and to realize the parallel education or secondary education								
Learning Outcomes and Competences	To obtain positive leisure time habits. Reflection of extra curricular activities to general education and to get benefits by doing and living								
Textbook and /or References	- Karaküçük, S.; Rekreasyon; Boş Zamanları Değerlendirme, 5. Baskı, Gazi Kitabevi, Ankara, 2005. - Torkildsen, G.; Leisure and Recreation Management, EFN Spon London, 1992.								
Assessment Criteria							If any,mark	Percent	
							as (X)	(%)	
	Midterm Exams						X	25	
	Quizzes								
	<i>Homeworks</i>								
	Projects								
	Term Paper						X	25	
	Laboratory Work								
Other									
Final Exam						X	50		
Instructors	Prof. Dr. Suat KARAKÜÇÜK, ksuat@gazi.edu.tr								
Week	Subject								
1	Introduction to course								
2	Introduction to literature								
3	Basic concepts related with leisure time								
4	Leisure time education in schools								
5	Application of extra curricular activities								
6	Kinds of extra-curricular activities								
7	Extra-curricular activities at school (official) programs								
8	Mid Term								
9	Extra-curricular activities different from the school programs								
10	Official dimensions of such applications								
11	Universal applications								
12	Application Policies								
13	Application Policies								
14	Exam								

BES-3080 SPORT TOURISM AND ENVIRONMENT						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
-	42	-	84	-	20	42	188	3	7,5
Language	Turkish								
Compulsory / Elective	Elective								
Prerequisites	No								
Course Contents	Tourism, ecology and environment science, ecological approach to life, fundamental concepts of ecology and tourism, eco-system, ecologic and Tourism problems, environmental protection in world and in Turkey, relation between sport-environment- tourism and politics of environment								
Course Objectives	Teaching the fundamental concepts of tourism and environment science, transferring basic knowledge to sport and sport related areas								
Learning Outcomes and Competences	Learning the theoretical basis of tourism and environment sciences and relating it with sport applications.								
Textbook and /or References	Kazım Yıldız ve Diğ.; Çevre Bilimi, Ankara, 2000. Şişli, M, N.; Ekoloji, Ankara, 1999. Gürpınar, E.; Kent ve Çevre Sorunlarına Bir Bakış, Der Yayınları, İstanbul, 1993. Keleş, r., Hamamacı, C.; Çevrebilim, İmge Yayınları, Ankara, 1993. Toksay, T.; Turizm: Turizm Olayına Genel Yaklaşım, Der Yayınları, İstanbul, 1983. Özgüç, N.; Turizm Coğrafyası, İ.Ü., Yayını, İstanbul, 1984.								
Assessment Criteria						If any, mark as (X)	Percent (%)		
	Midterm Exams					X	30		
	Quizzes								
	Homeworks								
	Projects								
	Term Paper					X	20		
	Laboratory Work								
	Other								
Final Exam					X	50			
Instructors	Prof. Dr. Suat KARAKÜÇÜK, ksuat@gazi.edu.tr								
Week	Subject								
1	Introduction to lesson								
2	Environment and ecology, relationship between tourism								
3	Research in Environment and ecology								
4	Fundamentals of ecology								
5	Eco-system and tourism								
6	Basic environmental problems and tourism								
7	Urbanization and environment and tourism								
8	Mid-term								
9	Population and environment								
10	Environment, tourism and sport relation								
11	Environmental problems related to sport								
12	Sport, environment and tourism								
13	Negative and positive effects of sport on environment and tourism								
14	Tourism and ecology education								

BES-3040 SPORTS ANALYSIS AND EVALUATIONS						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
-	42	-	84	-	20	42	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	<i>Analysis in individual, fight and team sports and principles</i>								
Course Objectives	To teach the Analysis in individual, fight and team sports and principles								
Learning Outcomes and Competences									
Textbook and /or References	Sevim, Y.; Antrenman Bilgisi, Nobel yayınevi, Ankara, 2002								
Assessment Criteria							If any,mark	Percent	
							as (X)	(%)	
	Midterm Exams						X	50	
	Quizzes								
	<i>Homeworks</i>								
	Projects								
	Term Paper								
	Laboratory Work								
Other									
Final Exam						X	50		
Instructors	Prof.Dr.Yaşar SEVİM								
Week	<i>Subject</i>								
1	Purpose of sport analysis and applying area								
2	Kinds of analysis in sports and evaluations								
3	Analysis in individual ,fight and team sports and principles								
4	Examples of analysis and applying principles of individual sports (archery, athletics, cimnastics)								
5	and applying principles of individual sports								
6	Examples of analysis and applying principles of fight sports (wresting, judo, box)								
7	Examples of analysis and applying principles of fight sports (wresting, judo, box)								
8	Mid-term								
9	Examples of analysis and applying principles of team sports (handball, basketball)								
10	Examples of analysis and applying principles of team sports (handball, basketball)								
11	Examples of analysis and examples in computer								
12	Examples of analysis and examples in computer								
13	General evaluation								
14	Final								

BES-4010 PLANNING AND APPLYING TRAINING PROGRAMS							Physical Education and Sport		
							Doctorate Program		
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
-	42	-	84	-	20	42	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Concept and principles of training, Planning of Training, Principles of training plan								
Course Objectives	Planning and applying training programs								
Learning Outcomes and Competences									
Textbook and /or References	Sevim, Y.; Antrenman Bilgisi, Nobel yayınevi, Ankara, 2002								
Assessment Criteria							If any, mark	Percent	
							<i>as (X)</i>	<i>(%)</i>	
	Midterm Exams						X	50	
	Quizzes								
	Homeworks								
	Projects								
	Term Paper								
	Laboratory Work								
Other									
Final Exam						X	50		
Instructors	Prof. Dr.Yaşar SEVİM								
Week	Subject								
1	Concept and principles of training								
2	Planning of Training								
3	Planning in individual sports								
4	Planning of team sports								
5	Principles of training plan								
6	Examples of training plan in individual sports (athletics, cimnastics)								
7	Mid-term								
8	Examples of applying training plan in individual sports								
9	Examples of training plan in fighting sports (wrestling, judo)								
10	Examples of training plan in fighting sports (wrestling, judo)								
11	Examples of applying training plan in team sports								
12	Examples of applying training plan in team sports								
13	General evaluation								
14	Final								

BES-4090 PERSONNEL MANAGEMENT						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	84	-	20	42	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Basic concepts and experience of personnel management and human resources functions in sport sector.								
Course Objectives	To understand of the concepts and experience with various models of personnel management and human resources in the sport sector.								
Learning Outcomes and Competences	To learn of the concepts and experience with various models of personnel management and human resources in the sport sector.								
Textbook and /or References									
Assessment Criteria							If any, mark	Percent	
							<i>as (X)</i>	<i>(%)</i>	
	Midterm Exams						X	40	
	Quizzes								
	<i>Homeworks</i>								
	Projects								
	Term Paper						X	10	
	Laboratory Work								
Other									
Final Exam						X	50		
Instructors	Prof. Dr. Güner EKENCİ, ekenci@gazi.edu.tr - 0 312 2023590								
Week	Subject								
1	The concept of human resource management, importance and development								
2	Function of HRM and its organization in sport area								
3	Experts and non-experts as HR in sport sector, Organizasyonel change								
4	The role of HRM in business								
5	Functions of HRM								
6	Functions of HRM								
7	Work group related and personal causes of mobbing								
8	personnel turnover								
9	Price arrencement and management								
10	Personnel evaluation and performance measurement								
11	Carrier management								
12	Relations of HRM with Organizational Strategies								
13	Human Resource Management in the Sport Services Industry								
14	The role of HR Manager in organizational change								

BES-4050 SPORT ECONOMY AND MARKETING						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	84	-	20	42	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Review of Sport Economy And Marketing strategies in sport organizations in terms of management								
Course Objectives	Understanding importance of Sport Economy And Marketing strategies in sport organizations								
Learning Outcomes and Competences	To learn the role and importance of Sport Economy And Marketing relation strategies in sport organizations								
Textbook and /or References	-Ekenci, Güner, A.Faik.İmamoğlu, Spor İşletmeciliği. , Nobel Yay., Ankara 2002 -Bernard J. Mullin, Stephen Hardy, William A. Sutton, Sport Marketing, 2nd Ed. Human Kinetics, 2000								
Assessment Criteria							If any,mark as (X)	Percent (%)	
	Midterm Exams						X	40	
	Quizzes								
	Homeworks								
	Projects								
	Term Paper						X	10	
	Laboratory Work								
	Other								
Final Exam						X	50		
Instructors	Prof. Dr. Güner EKENCİ, ekenci@gazi.edu.tr - 0 312 2023590								
Week	Subject								
1	The Special Nature of Sport Marketing								
2	Marketing Management in Sport:								
3	Studies of Sport Consumers and Perspectives in Sport Consumer Behavior								
4	The Role of Research in Sport Marketing								
5	Market Segmentation								
6	The Sport Product								
7	Pricing Strategies								
8	Promotion								
9	Sales: Management and Applications								
10	Promotional Licensing and Sponsorship								
11	Place or Product Distribution								
12	Electronic Media ve Media Landscape								
13	Coordinating and Controlling the Marketing Mix								
14	Case Studies								

BES 3090 SPORT and POLITICS						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	100	-	-	45	187	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Explaining concepts of sport and politics, their relation, consciousness level of community for sport and politics, views of politicians on sport, effects and contribution of sport to community, effects of politics on community and individuals, political structure of community and sport politics								
Course Objectives	Increasing consciousness of the society, studying concepts of sport and politics, and developing effective sport politics								
Learning Outcomes and Competences	Understanding sport and politics, and making them effective for the society								
Textbook and /or References	Every kind of source related to sport and politics like research articles, books and body of current law								
Assessment Criteria							If any, mark <i>as (X)</i>	Percent <i>(%)</i>	
	Midterm Exams						X	50	
	Quizzes						-	-	
	Homeworks						-	-	
	Projects						-	-	
	Term Paper						-	-	
	Laboratory Work						-	-	
	Other						-	-	
Final Exam						X	50		
Instructors	Prof. Dr. A. Azmi YETİM, ayetim@gazi.edu.tr								
Week	Subject								
1	Concepts of sport and politics								
2	Social value and role of sport								
3	Necessity and importance of politics								
4	Sport and society								
5	Sport and government								
6	Politics, government and society								
7	Effects of politics on sport								
8	Effects of sport on politics								
9	Politics and its benefit from sport								
10	Economic role of sport								
11	Sport and culture								
12	National and international sport events and their power								
13	Analysis of sport and politics								
14	Review								

5130 ANALYSIS OF TURKISH NATIONAL EDUCATION AND HIGHER EDUCATION SYSTEMS						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	100	-	-	45	187	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Studying organization and management of Turkish National Education system and its functions. Higher Education Committee, organization and structure of universities. Analyzing the relation of Turkish National Education and higher education								
Course Objectives	Analyzing the relation of upper and lower levels of Turkish education								
Learning Outcomes and Competences	Analyzing education system how to make it effective and detecting issues and recommending solutions to them								
Textbook and /or References	Body of current law related to Turkish National Education and Higher Education								
Assessment Criteria							If any, mark	Percent	
							as (X)	(%)	
	Midterm Exams						X	50	
	Quizzes						-	-	
	Homeworks						-	-	
	Projects						-	-	
	Term Paper						-	-	
	Laboratory Work						-	-	
Other						-	-		
Final Exam						X	50		
Instructors	Prof. Dr. A. Azmi YETİM, ayetim@gazi.edu.tr								
Week	Subject								
1	Organizational and managerial structure of Turkish National Education								
2	Central organization								
3	Province organization								
4	Dependent foundations								
5	Issues faced in management								
6	Higher education system								
7	Structure and function of Higher Education Committee								
8	Managerial structure and function of universities								
9	Structure, administration and problems of higher education institutions								
10	Issues of primary and secondary education								
11	Student selection to university								
12	Problems of youth at universities								
13	Comparing and analyzing Turkish National Education and Higher Education								
14	Review								

BES-3060 HUMAN RELATIONS IN SPORT MANAGEMENT						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	100	-	-	45	187	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Management, management science, sport management and human relations in management, importance and functions of human relations in management, application of human relations to sport area, motivation, human relations and motivation at sport organizations								
Course Objectives	Being able to explain the role and importance of human relations in sport organizations								
Learning Outcomes and Competences	Application of human relation to sport management and increasing success in sport area								
Textbook and /or References	-Erol Eren, Yönetim ve Organizasyon, İstanbul, 1993. -Halil Can, Meral Tecer, İşletme Yönetimi, TODAIE Yayını, No:169, Ankara, 1978. -Atilla Baransel, Çağdaş Yönetim Düşüncesinin Evrimi, Cilt 1, İstanbul, 1979.								
Assessment Criteria							If any, mark as (X)	Percent (%)	
	Midterm Exams						X	50	
	Quizzes						-	-	
	Homeworks						-	-	
	Projects						-	-	
	Term Paper						-	-	
	Laboratory Work						-	-	
	Other						-	-	
Final Exam						X	50		
Instructors	Prof. Dr. A. Azmi YETİM, ayetim@gazi.edu.tr								
Week	Subject								
1	Management and management science								
2	Sport management and human relations								
3	Definition and importance of human relations in management								
4	Basic elements of human relations								
5	Human behaviours and needs								
6	Motivation								
7	Motivation in enterprises								
8	Theory X and Y								
9	Structured and non-structural organizations								
10	Managerial enrolment								
11	Role and statue in management								
12	Role conflict in management								
13	Participative management and motivation in sport enterprises and organizations								
14	Review								

BES 3050 MODERN MANAGEMENT THEORIES						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	70	-	30	45	187	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Basic approaches at management field and detailed analysis of historical development of these approaches and the approaches which came out lately and are particularly effective								
Course Objectives	Giving the theoretical and practical knowledge of modern management approaches and theories								
Learning Outcomes and Competences	Applying management approaches to sport management applications and interpretation of concrete cases concerning to these approaches								
Textbook and /or References	Eren,E; Yönetim ve Organizasyon, İst. Üniv. İşt. Fak. Yay. İstanbul, 1991 Baransel, A.; Çağdaş Yönetim Düşüncesinin Evrimi, Avcıol Basım, İstanbul, 1993 Öztekin A, Yönetim Bilimine Giriş, Turhan Kitabevi, Ankara,2001								
Assessment Criteria							If any,mark as (X)	Percent (%)	
	Midterm Exams								
	Quizzes								
	Homeworks								
	Projects								
	Term Paper						X	50	
	Laboratory Work								
	Other								
Final Exam						X	50		
Instructors	Prof. Dr. Faik İMAMOĞLU								
Week	Subject								
1	<i>effective approaches in management</i>								
2	<i>scientific approach</i>								
3	<i>behavioral approach</i>								
4	<i>social system approach</i>								
5	<i>decision making management</i>								
6	<i>management by objectives</i>								
7	<i>Mid-term exam</i>								
8	<i>conflict management in organisations</i>								
9	<i>crisis and crisis management</i>								
10	<i>developing organisations</i>								
11	<i>career management</i>								
12	<i>quality management</i>								
13	<i>learning organisations</i>								
14	<i>Evaluation</i>								

BES 4060 MANAGEMENT PSYCHOLOGY						Physical Education and Sport			
						Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	70	-	30	45	187	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Behavioral problems and solutions that managers face in organizational environment and applications related to management								
Course Objectives	To provide organisations to solute the behavioral problems encountered in organisation and management strategies.								
Learning Outcomes and Competences	To be able to find practical solution ways for encountered problems occured in organisational environment in accordance with theoretical and scientific knoledge gained in the frame of relation in management and psychology								
Textbook and /or References	Eren Erol; Yönetim Psikolojisi, İşletme İktisadı Enstitüsü Yayını, İstanbul 1989 Whetten, D.A, K.S. Cameron, Developing Management skills, Massachusetts, Addison Wesley, 1998								
Assessment Criteria							If any, mark	Percent	
							<i>as (X)</i>	(%)	
	Midterm Exams								
	Quizzes								
	Homeworks								
	Projects								
	Term Paper						X	50	
	Laboratory Work								
Other									
Final Exam						X	50		
Instructors	Prof. Dr. Faik İMAMOĞLU								
Week	Subject								
1	<i>personality and personal differences</i>								
2	<i>concept of group</i>								
3	<i>belief and attitutes</i>								
4	<i>morale in organisations</i>								
5	<i>Psychological problems in organisations</i>								
6	<i>Physical problems in work life</i>								
7	<i>MIId term exam</i>								
8	<i>Conflict and conflict management in organisations</i>								
9	<i>Leadership and leadership behaviours</i>								
10	<i>Motivation</i>								
11	<i>communication</i>								
12	<i>PARTicipation in Management</i>								
13	<i>Stress ve stress management</i>								
14	<i>Evaluation</i>								

BES-5030 HIGH ALTITUDE AND UNDERWATER PHYSIOLOGY						Physical Education and Sport Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	84	-	20	42	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Effects of atmospheric pressure differences (altitude and underwater) on human organism and athletic performance under different atmospheric pressures.								
Course Objectives	To understand the knowledge of the changes of human organism during and after physical activities at altitude and underwater and athletic competitions at these environments.								
Learning Outcomes and Competences	The student will know the physical changes at altitude and underwater. The student will understand the gas laws. The student will understand the air pressure differences on human organism. The student will understand the effect of altitude and underwater on athletic performances. The student will know the principles during the physical activities performed at altitude and underwater.								
Textbook and /or References	Books about physiology and sports physiology. Research articles.								
Assessment Criteria							If any, mark as (X)	Percent (%)	
	Midterm Exams						X	20	
	Quizzes								
	Homeworks						X	15	
	Projects								
	Term Paper						X	15	
	Laboratory Work								
	Other								
Final Exam						X	50		
Instructors	<i>Prof. Dr. Kemal TAMER, Prof. Dr. Mehmet GÜNAY, Yrd. Doç. Dr. İbrahim CİCİOĞLU</i>								
Week	Subject								
1	Historical development of performance at altitude and underwater.								
2	Effect of pressure and temperature changes on gas volumes								
3	Physical and environmental changes at altitude and its effects on human organism								
4	Acclimatization to altitude								
5	Athletic performance at altitude								
6	Oxygen dissociation curve and altitude								
7	Altitude and training								
8	Space physiology								
9	Underwater physiology								
10	Physical performance in underwater								
11	Scuba								
12	Physical and physiological principles of scuba								
13	Literature review								
14	Literature review								

BES 3030 MEASUREMENT, EVALUATION AND REPORT WRITING TECHNIQUES IN ATHLETIC PERFORMANCE						Physical Education and Sport Doctorate Program			
Semester	Teaching Methods						Credits		
	Lecture	Recite	Project	Lab.	Other	Homework	Total	Credit	ECTS Credit
	42	-	56	42	20	28	188	3	7,5
Language	Turkish								
Elective / Elective	Elective								
Prerequisites	No								
Course Contents	Sports Physiology, Issues in Sports Physiology								
Course Objectives	Assessment of athletic performance, evaluation of the results and report writing techniques.								
Learning Outcomes and Competences	Be able to assess the athletic performance, evaluate the results and write a research article. The student will assess the athletic performance, evaluate the results and write a scientific research article.								
Textbook and /or References	Assessment of Athletic Performance. Sporda Fiziksel-Fizyolojik Performansın Ölçülmesi ve Değerlendirilmesi.								
Assessment Criteria							If any, mark	Percent	
							as (X)	(%)	
	Midterm Exams						X	20	
	Quizzes								
	Homeworks						X	10	
	Projects						X	10	
	Term Paper								
	Laboratory Work						X	10	
Other									
Final Exam						X	50		
Instructors	Prof.Dr. Kemal TAMER, Prof.Dr. Mehmet GÜNAY, Prof. Dr. Ömer Şenel, Yrd. Doç. Dr. İbrahim CİCİOĞLU								
Week	Subject								
1	Introduction:Aims of Assessing Athletic Performance. Samples of Scientific Research Articles.								
2	Presentation of a Scientific Research Article. Report Writing Techniques. Discussion of the Projects.								
3	Discussion and methods of measuring blood pressure,EKG,strength and EMG.								
4	Discussion and methods of measuring flexibility,reaction and movement times.								
5	Lung function tests,gas laws and calculation of the oxygen consumption and carbon diokside production.								
6	Discussion and measurement of energy expenditure.								
7	Discussion and methods of measuring maximal aerobic power (laboratoy tests).								
8	Methods of measuring maximal aerobic power (field tests).								
9	Discussion and methods of measuring maximal anaerobic power (laboratory tests).								
10	Methods of measuring maximal anaerobic power (field tests)								
11	Discussion and measurement of body composition.								
12	Discussion of the sport specific performance tests.								
13	Project presentation and discussion.								
14	Project presentation and discussion.								