

FACULTY OF SPORT SCIENCES

Dean	: Prof.Dr. Kerem Yıldırım ŞİMŞEK
Vice-Dean	: Assoc. Prof.Dr. Arif YÜCE
Vice-Dean	: Dr. Lecturer Nalan AKSAKAL
Secretary to the Faculty	: Turgay SAKÇI

STAFF

Professors:

Metin ARGAN, Hayri ERTAN, Kerem Yıldırım ŞİMŞEK, İlker YILMAZ

Associate Professors:

Müge AKYILDIZ, Ali Onur CERRAH, Hayriye ÇAKIR, Veli Onur ÇELİK, Hüseyin ÇEVİK, Barış GÜROL, Gülsün GÜVEN, Celil KAÇOĞLU, Mehmet KALE, Hakan KATIRCI, Serdar KOCAEKŞİ, Hüseyin KÖSE, Süleyman MUNUSTURLAR, Deniz ŞİMŞEK, Dilek YALIZ, Arif YÜCE

Faculty Members:

Erkan AKDOĞAN, Nalan AKSAKAL, Cihan AYGÜN, Mert ERKAN, Elvin ONARICI GÜNGÖR, Türkan Nihan SABIRLI, Tuba SEVİL, Günay YILDIZER

Lecturers:

Levent ARINIK, Serkan BERBER, Melek BİLİMLİ, İ.yavuz DAL, Demet DEMİR DOĞAN, Erhan DOĞAN, Evrensel HEPER, Teyfik KAYA, Erdal KÜÇÜKKAYA, Ayça ÖZMEN, Cemal POLAT, Ahmet ŞENER, Sabriye TOSUN ŞENTÜRK, Ahmet USLU

Research Assistants:

Ümit Can BÜYÜKAKGÜL, Muhammet Nurullah ÇAKMAK, Erdal Ozan ÇELİK, Gonca EREN, Sevda GÖKCE, Gülçin GÜLER, Günnur HASTÜRK, Ecenur KORKMAZ, A.onur MERCANOĞLU, Caner ÖZBÖKE, Feridun Fikret ÖZER, Caner ÖZGEN, Umut SEZER, İsmail Ahmet SÜRÜCÜ, Tolga TUNA

DEPARTMENT OF COACH TRAINING IN SPORTS

Coach Training is an interdisciplinary field that provides training science, exercise physiology, kinesiology, sport psychology, statistics, teaching techniques, tactical development of sports and performance planning. Department of Coach Training was established in 2001-2002 Academic Year. The department aims to educate students who will be able to: Follow Importance of athletes performance in Turkey and in the world; Train their athletes effectively; Participate in scientific researches in the field of sport. In addition, the department aims to improve students' skills and leadership abilities. The department has 11 main branches of sports : Artistic Gymnastics, Track and Field, Badminton, Basketball, Football, Handball, Table-Tennis, Rhythmic Gymnastics, Tennis, Volleyball, Swimming. The department offers students many courses from these sport branches to let the students specialize in the sport branch they want.

Department Head	: Prof.Dr. Hayri ERTAN
Deputy Department Head	: Assoc. Prof.Dr. Celil KAÇOĞLU
Deputy Department Head	: Assoc. Prof.Dr. Barış GÜROL

PROGRAM

I.Semester				II.Semester			
ANT109	Basic Track and Field	1+2	4.0	ANA126	Kinesiological Anatomy	3+0	4.0
ANT111	Numerical Basics of Sports	3+0	4.0	ANT110	Coach Training and Its Principles	2+0	4.0
ANT113	Introduction to Sports Sciences	3+0	4.0	ANT310	Swimming	1+2	3.0
ANT141	Ethics of Sports	4+0	5.0	İNG188 (Eng)	English II	3+0	3.0
BiY133	Sports Biology	2+0	4.0	KİM138	Sports Biochemistry	2+0	4.0

İNG187 (Eng)	English I	3+0	3.0	TÜR126	Turkish Language II	2+0	2.0
TÜR125	Turkish Language I	2+0	2.0		<i>Mesleki Seçmeli Dersler</i>	--	4.0
	<i>Seçmeli Dersler</i>	--	4.0		<i>Seçmeli Dersler</i>	--	6.0
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			30.0				30.0

III.Semester

ANA106	Physiology	3+0	5.0
ANT102	Introduction to Biomechanics	2+0	3.0
ANT115	Basic Gymnastics	1+2	3.0
ANT204	Sport Pedagogy	2+0	3.0
PSİ229	Introduction to Sport Psychology	2+0	3.0
SAĞ301	Psycho-Motor Development	3+0	4.0
TAR165	Atatürk's Principles and History of Turkish Revolution I	2+0	2.0
	<i>Antrenörlük Eğitimi Dersleri</i>	--	4.0
	<i>Seçmeli Dersler</i>	--	3.0

			30.0

IV.Semester

ANA213	Exercise Physiology	2+2	5.0
ANT201	Sports Biomechanics	2+0	3.0
ANT222	Talent Identification and Children in Sport	3+0	5.0
BEÖ205	Nutrition	3+0	4.5
BEÖ304	Learning Skill in Sports	3+0	4.0
TAR166	Atatürk's Principles and History of Turkish Revolution II	2+0	2.0
	<i>Antrenörlük Eğitimi Dersleri</i>	--	4.0
	<i>Seçmeli Dersler</i>	--	2.5

			30.0

V.Semester

ANT206	Kinoanthropometry	2+0	3.5
BEÖ202	Knowledge About Training	3+0	4.0
BEÖ321	Sport Psychology	3+0	5.0
İLT101	Communication I	3+0	4.5
İST317	Statistics	2+0	2.5
TÜR407	Academic Writing Skills	2+2	4.0
	<i>Antrenörlük Eğitimi Dersleri</i>	--	4.0
	<i>Mesleki Seçmeli Dersler</i>	--	2.5

			30.0

VI.Semester

ANT302	Teaching Methods in Sports	2+2	4.0
ANT315	Research Project I	3+0	4.0
ARY403	Research Methods	2+0	4.0
	<i>Antrenörlük Deneyimi Dersleri</i>	--	5.0
	<i>Antrenörlük Eğitimi Dersleri</i>	--	4.0
	<i>Seçmeli Dersler</i>	--	9.0

			30.0

VII.Semester

ANT316	Research Project II	1+3	5.0
ANT475	Testing and Evaluating the Sports Performance	2+2	3.0
SOS415	Sport Sociology	2+0	4.0
	<i>Alan Uygulaması I Dersleri</i>	--	4.0
	<i>Mesleki Seçmeli Dersler</i>	--	8.0
	<i>Seçmeli Dersler</i>	--	6.0

			30.0

VIII.Semester

ANT314	Training Periodization	3+0	5.0
ANT478	Modular Sport Education	3+0	3.0
SPY301	Planning Organization in Sport	3+0	5.0
	<i>Alan Uygulaması II Dersleri</i>	--	4.0
	<i>Mesleki Seçmeli Dersler</i>	--	9.0
	<i>Seçmeli Dersler</i>	--	4.0

			30.0

Elective Courses

ANT212	Mountaineering	1+2	2.5
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ANT214	Fencing	1+2	2.5
ANT216	Archery	1+2	2.5
ANT243	Functional Movement Systems	1+2	3.0
ANT452	First Aid	1+2	4.0
BEÖ170	Scouting and Camping	1+2	4.0
BEÖ176	Trekking	1+2	4.0
BEÖ302	Educational Games	2+2	5.0
BEÖ382	Effective Communication Skills	3+0	3.0
ESTÜ101	Introduction to University Life	0+1	2.0
ESTÜ104	Academic and Life Skills	2+1	3.0
ESTÜ106	Proje Yönetimi	2+1	3.0
ESTÜ111	Volunteering Works	1+2	4.0
ESTÜ119	Flute	3+1	3.0
ESTÜ120	Solfege	3+1	3.0
ESTÜ121	Piano	3+1	3.0
ESTÜ122	Guitar	3+1	3.0
ESTÜ201	Turkish Sign Language	3+0	3.0
ESTÜ401	Introduction to Professional Life	1+1	2.0
HUK421	Sport Law	2+0	2.0
İLT311	Interview Method and Techniques	3+0	3.0
İLT354	Children and Communication	3+0	4.5
İLT362	Social Gender Differences in Communication	3+0	4.5
İLT419	Body Language and Diction	2+0	5.0
işL421	Entrepreneurship	2+0	3.0
OKÖ104	The Development of Movement and Training for Children	3+0	4.0
PSİ412	Psychology of Gender	3+0	4.5
SAN155	Hall Dances	0+2	2.0
SAT101	Chess	1+2	3.5
SNT155	History of Art	2+0	2.0
SOS155	Folkdance	2+0	2.0
SPY158	Handball	1+2	2.0
SPY162	Football	1+2	2.0
SPY164	Basketball	1+2	2.0
SPY166	Volleyball	1+2	2.0
SPY251	Badminton	1+2	3.0
SPY253	Tennis	1+2	3.0
SPY255	Table Tennis	1+2	3.0
SPY257	Squash	1+2	3.0
SPY261	Massage	3+0	4.0
SPY403	Sport and the Media	2+0	2.5

Area Elective Courses

ANT112	Use of Technology in Sports	3+0	4.5
ANT311	Psychology of Competition	3+0	5.0
ANT448	Observation, Measurement and Assessment in Sport	3+0	3.0
ANT449	Ergogenic Aids and Drugs in Sport	3+0	5.0
ANT451	Match Analysis	1+2	2.5
ANT453	Competition Analysis Methods	1+2	2.5
ANT454	Water Exercises for the Disabled	1+2	4.0
ANT455	Basic Strength Training and Conditioning	1+2	2.5
ANT456	Life Coaching	2+0	4.0
ANT476	New Trends in Physical Fitness	1+2	4.0
ANT477	Motion Analysis	2+2	4.0
ANT482	Cardiopulmonary Exercise Tests and Evaluation	1+2	5.0
ANT484	Exercise and Neural Adaptation	3+0	3.0
BEÖ414	Motivation in Sports	3+0	4.0
BEÖ459	Physical Education and Sports for Disabled	1+2	4.0
SAĞ204	Avoiding Sports Injuries and Rehabilitation	3+0	4.0
SAĞ212	Athlete Health	2+0	4.0

Applied Area I Courses

ANT401	Artistic Gymnastics I	1+4	4.0
ANT403	Track and Field I	1+4	4.0
ANT405	Badminton I	1+4	4.0
ANT407	Basketball I	1+4	4.0

ANT409	Football I	1+4	4.0
ANT411	Handball I	1+4	4.0
ANT413	Table Tennis I	1+4	4.0
ANT415	Rhythmic Gymnastics I	1+4	4.0
ANT417	Tennis I	1+4	4.0
ANT419	Volleyball I	1+4	4.0
ANT421	Swimming I	1+4	4.0
ANT479	Archery I	1+4	4.0

Applied Area II Courses

ANT402	Artistic Gymnastics II	1+4	4.0
ANT404	Track and Field II	1+4	4.0
ANT406	Badminton II	1+4	4.0
ANT408	Basketball II	1+4	4.0
ANT410	Football II	1+4	4.0
ANT412	Handball II	1+4	4.0
ANT414	Table Tennis II	1+4	4.0
ANT416	Rhythmic Gymnastics II	1+4	4.0
ANT418	Tennis II	1+4	4.0
ANT420	Volleyball II	1+4	4.0
ANT422	Swimming II	1+4	4.0
ANT480	Archery II	1+4	4.0

Coaching Education Courses

ANT273	Artistic Gymnastics I	2+2	4.0
ANT274	Artistic Gymnastics II	2+2	4.0
ANT275	Track and Field I	2+2	4.0
ANT276	Track and Field II	2+2	4.0
ANT277	Badminton I	2+2	4.0
ANT278	Badminton II	2+2	4.0
ANT279	Basketball I	2+2	4.0
ANT280	Basketball II	2+2	4.0
ANT281	Football I	2+2	4.0
ANT282	Football II	2+2	4.0
ANT283	Handball I	2+2	4.0
ANT284	Handball II	2+2	4.0
ANT285	Table Tennis I	2+2	4.0
ANT286	Table Tennis II	2+2	4.0
ANT287	Rhythmic Gymnastics I	2+2	4.0
ANT288	Rhythmic Gymnastics II	2+2	4.0
ANT289	Tennis I	2+2	4.0
ANT290	Tennis II	2+2	4.0
ANT291	Volleyball I	2+2	4.0
ANT292	Volleyball II	2+2	4.0
ANT293	Swimming I	2+2	4.0
ANT294	Swimming II	2+2	4.0
ANT295	Archery I	2+2	4.0
ANT296	Archery II	2+2	4.0
ANT373	Artistic Gymnastics III	2+2	4.0
ANT374	Artistic Gymnastics IV	2+2	4.0
ANT375	Track and Field III	2+2	4.0
ANT376	Track and Field IV	2+2	4.0
ANT377	Badminton III	2+2	4.0
ANT378	Badminton IV	2+2	4.0
ANT379	Basketball III	2+2	4.0
ANT380	Basketball IV	2+2	4.0
ANT381	Football III	2+2	4.0
ANT382	Football IV	2+2	4.0
ANT383	Handball III	2+2	4.0
ANT384	Handball IV	2+2	4.0
ANT385	Table Tennis III	2+2	4.0
ANT386	Table Tennis IV	2+2	4.0
ANT387	Rhythmic Gymnastics III	2+2	4.0
ANT388	Rhythmic Gymnastics IV	2+2	4.0
ANT389	Tennis III	2+2	4.0
ANT390	Tennis IV	2+2	4.0

ANT391	Volleyball III	2+2	4.0
ANT392	Volleyball IV	2+2	4.0
ANT393	Swimming III	2+2	4.0
ANT394	Swimming IV	2+2	4.0
ANT395	Archery III	2+2	4.0
ANT396	Archery IV	2+2	4.0

Coaching Experience Courses

ANT343	Artistic Gymnastics	2+4	5.0
ANT344	Track and Field	2+4	5.0
ANT345	Badminton	2+4	5.0
ANT346	Basketball	2+4	5.0
ANT347	Football	2+4	5.0
ANT348	Handball	2+4	5.0
ANT349	Table Tennis	2+4	5.0
ANT350	Rhythmic Gymnastics	2+4	5.0
ANT351	Tennis	2+4	5.0
ANT352	Volleyball	2+4	5.0
ANT353	Swimming	2+4	5.0
ANT354	Archery	2+4	5.0

DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS TEACHING

Physical Education Teacher Training is an interdisciplinary field that provides educational science, sport physiology, kinesiology, biomechanic, sport psychology, motor-learning, motor skill and training science. The department ensures that teacher candidates will be well-qualified, researcher, modern, prolific, intellectual and will be able to find right solutions to the problems, follow professional developments besides their professional knowledge when they graduate.

Department Head	: Assoc. Prof.Dr. Deniz ŞİMŞEK
Deputy Department Head	: Dr. Lecturer Günay YILDIZER
Deputy Department Head	: Lecturer Ahmet USLU

PROGRAM

I.Semester				II.Semester			
ANA133	Human Anatomy and Kinesiology	3+0	3.0	BEÖ130	Gymnastics	1+2	4.0
BEÖ131	The Basics of Physical Education and Sports	2+0	2.0	BEÖ132	Athletics	1+2	4.0
BEÖ133	Movement Training	2+2	3.0	ÖMB107	Education Philosophy	2+0	3.0
BİL105	Information Technologies	3+0	5.0	ÖMB112	Educational Psychology	2+0	3.0
ÖMB105	Introduction to Education	2+0	3.0	SAĞ128	Health Information and First Aid	2+0	2.0
ÖMB110	Educational Sociology	2+0	3.0	TAR182	Atatürk's Principles and History of Turkish Revolution II	2+0	3.0
TAR181	Atatürk's Principles and History of Turkish Revolution I	2+0	3.0	TÜR132	Turkish II	3+0	5.0
TÜR131	Turkish I	3+0	5.0		<i>Yabancı Dil Dersleri II</i>	--	3.0
	<i>Yabancı Dil Dersleri I</i>	--	3.0		<i>Takım Sporları I</i>	--	3.0
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			30.0				30.0
III.Semester				IV.Semester			
ÖMB221	Instructional Technologies	2+0	3.0	ÖMB220	Turkish Education History	2+0	3.0
ÖMB223	Teaching Principles and Methods	2+0	3.0	ÖMB222	Research Methods in Education	2+0	3.0
ÖMB227	Teaching and Learning Approaches in Physical Education and Sport	2+0	3.0	ÖMB224	Physical Education and Sport Teaching Programs	2+0	3.0

ÖMB229	Motor Development	3+0	3.0	ÖMB226	Exercise Physiology	3+0	5.0
THU209	Community Service Practices	1+2	3.0	ÖMB228	Rhythm Education and Dance	1+2	5.0
	<i>Seçmeli I</i>	--	11.0		<i>Seçmeli II</i>	--	11.0
	<i>Takım Sporları II</i>	--	4.0				
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			30.0				30.0

V.Semester

ÖMB307	Ethics and Morality in Education	2+0	3.0
ÖMB309	Knowledge of Training	2+0	3.0
ÖMB311	Physical Education and Sports Teaching	2+2	4.0
ÖMB315	Swimming	1+2	3.0
ÖMB335	Classroom Management	2+0	3.0
	<i>Takım Sporları III</i>	--	3.0
	<i>Seçmeli III</i>	--	11.0

			30.0

VI.Semester

ÖMB312	Physical Fitness	3+0	3.0
ÖMB314	Outdoor Sports	1+2	3.0
ÖMB336	Measurement and Evaluation in Education	2+0	3.0
ÖMB338	Turkish Education System and School Management	2+0	3.0
ÖMB340	Motor Learning	3+0	3.0
	<i>Seçmeli IV</i>	--	11.0
	<i>Raket Sporları Dersleri</i>	--	4.0

			30.0

VII.Semester

ÖMB411	Teaching Practice I	2+6	10.0
ÖMB413	Special Education and Integration	2+0	3.0
ÖMB419	Educational Games	1+2	3.0
ÖMB421	Exercise and Nutrition	2+0	3.0
ÖMB423	Folk Dance	1+2	3.0
	<i>Seçmeli V</i>	--	8.0

			30.0

VIII.Semester

ÖMB412	Teaching Practice II	2+6	10.0
ÖMB414	School Guidance	2+0	3.0
ÖMB424	Organization and Management in Physical Education and Sport	2+0	3.0
ÖMB426	Exercise Programming for Healthy Living	2+0	3.0
ÖMB428	Adaptive Physical Education and Sports	1+2	3.0
	<i>Seçmeli V</i>	--	8.0

			30.0

Elective Courses

ESTÜ106	Proje Yönetimi	2+1	3.0
ESTÜ119	Flute	3+1	3.0
ESTÜ120	Solfege	3+1	3.0
ESTÜ121	Piano	3+1	3.0
ESTÜ122	Guitar	3+1	3.0
ESTÜ401	Introduction to Professional Life	1+1	2.0
SAN155	Hall Dances	0+2	2.0
SNT155	History of Art	2+0	2.0

Racket Sports Courses

ÖMB313	Tennis	1+2	4.0
ÖMB342	Badminton	1+2	4.0
ÖMB344	Table Tennis	1+2	4.0
ÖMB346	Squash	1+2	4.0

Team Sports I

BEÖ134	Handball	1+2	3.0
BEÖ136	Volleyball	1+2	3.0
BEÖ138	Basketball	1+2	3.0
BEÖ140	Football	1+2	3.0

Team Sports II

BEÖ255	Basketball	1+2	4.0
BEÖ257	Football	1+2	4.0
BEÖ259	Volleyball	1+2	4.0
BEÖ261	Handball	1+2	4.0

Foreign Language Courses I

ALM151 (Ger)	German I	3+0	3.0
FRA151 (Fra)	French I	3+0	3.0
ING183 (Eng)	English I	2+0	3.0

Foreign Language Courses II

ALM152 (Ger)	German II	3+0	3.0
FRA152 (Fra)	French II	3+0	3.0
ING184 (Eng)	English II	2+0	3.0

Nature Sports Courses

BEÖ128	Mountain Biking	1+2	4.0
BEÖ168	Mountaineering	1+2	4.0
BEÖ170	Scouting and Camping	1+2	4.0
BEÖ172	Canoe	1+2	4.0
BEÖ174	Orienteering	1+2	4.0
BEÖ176	Trekking	1+2	4.0
BEÖ178	Sailing	1+2	4.0

Occupation Information

ÖMB230	Preparing Education Projects	2+0	4.0
ÖMB232	Character and Value Education	2+0	4.0
ÖMB233	Attention Deficit and Hyperactivity Disorder	2+0	4.0
ÖMB234	Micro Teaching	2+0	4.0
ÖMB235	Extra Curricular Activities	2+0	4.0
ÖMB237	Curriculum Development in Education	2+0	4.0
ÖMB323	Individualizing and Adapting Teaching	2+0	4.0
ÖMB324	Drama in Education	2+0	4.0
ÖMB325	Child Psychology	2+0	4.0
ÖMB326	Out of School Learning Environments	2+0	4.0
ÖMB327	Comparative Education	2+0	4.0
ÖMB328	Critical and Analytical Thinking	2+0	4.0
ÖMB420	Educational Anthropology	2+0	4.0
ÖMB422	Education of Hospitalized Children	2+0	4.0
ÖMB425	History of Education	2+0	4.0
ÖMB427	Adult Education and Lifelong Learning	2+0	4.0
ÖMB429	Open and Distance Learning	2+0	4.0
ÖMB430	Learning Disabilities	2+0	4.0

General Culture

ÖMB218	Massage	2+0	3.0
ÖMB236	Scouting and Camping	2+0	3.0
ÖMB238	Nutrition and Health	2+0	3.0
ÖMB239	Ceremonies and Show Gymnastics	2+0	3.0
ÖMB240	Turkish Music	2+0	3.0
ÖMB241	Economy and Entrepreneurship	2+0	3.0
ÖMB243	Media Literacy	2+0	3.0
ÖMB248	Bycycle	2+0	3.0
ÖMB316	Fencing	2+0	3.0
ÖMB317	Futsal	2+0	3.0
ÖMB318	Trampoline	2+0	3.0
ÖMB319	Human Relations and Communication	2+0	3.0
ÖMB320	Career Planning and Development	2+0	3.0
ÖMB321	Folk Dance	2+0	3.0

ÖMB322	Ethics of Science and Research	2+0	3.0
ÖMB337	Shooting	2+0	3.0

Field Training

ÖMB242	Instructional Models for Physical Education	2+0	4.0
ÖMB244	History of Physical Education and Sports	2+0	4.0
ÖMB245	Drama in Physical Education Teaching	2+0	4.0
ÖMB246	Exercise Psychology	2+0	4.0
ÖMB247	Sociology of Physical Education	2+0	4.0
ÖMB249	Action Research in Physical Education and Sport Teaching	2+0	4.0
ÖMB251	Basic Music Education	2+0	4.0
ÖMB329	Evaluation of Classroom Learnings	2+0	4.0
ÖMB330	Biomechanics	2+0	4.0
ÖMB332	Leisure Education	2+0	4.0
ÖMB333	Traditional Turkish Sports	2+0	4.0
ÖMB334	Defense Sports	2+0	4.0

Takım Sporları III

BEÖ363	Handball	1+2	3.0
BEÖ365	Volleyball	1+2	3.0
BEÖ367	Basketball	1+2	3.0
BEÖ371	Football	1+2	3.0

DEPARTMENT OF RECREATION AND SPORTS

Recreation is an interdisciplinary field that provides recreational sport branches, sport physiology, sport management, communication, motor-learning, motor skill, tourism, kinesiology, sport for health, sport psychology and programme development. Department of Recreation courses are taught not only in departments of the school but also in some faculties of the university. Department of Recreation was established in the 2001-2002 Academic Year. It aims to plan recreation programs and leisure time activities, and also it aims to educate creative and well-qualified students who will be able to speak foreign languages. In the department students also have business, economy, communication and tourism subjects. The department of recreation offers courses which enable students to acquire theoretical and practical knowledge. Pupils have to attend REK 219 Winter Sports Camp Appliance and REK 220 Summer and pay the expenses of the camps.

Department Head	: Dr. Lecturer Mert ERKAN
Deputy Department Head	: Dr. Lecturer Türkan Nihan SABIRLI
Deputy Department Head	: Assoc. Prof. Dr. Hüseyin ÇEVİK

PROGRAM

I.Semester				II.Semester			
İNG187 (Eng)	English I	3+0	3.0	BİL178	Computer-Aided Design and Presentation Techniques	2+0	3.0
REK107	Introduction to Recreation and Sport Science	2+0	3.0	FEL114	Leisure Philosophy	3+0	3.0
REK109	Gymnastic	1+2	2.0	İNG188 (Eng)	English II	3+0	3.0
REK111	Sport Recreation	3+0	3.5	REK110	Track and Field	1+2	2.0
REK115	Tourism Recreation	3+0	3.5	REK120	Leisure and Recreation Management	3+0	3.0
REK117	Recreation and Environment	3+0	5.0	REK122	Introduction to Therapeutic Recreation	3+0	3.5
SOS135	Sociology of Leisure	3+0	4.0	REK420	Recreation in Campuses	3+0	3.5
TÜR125	Turkish Language I	2+0	2.0	TÜR126	Turkish Language II	2+0	2.0
	<i>Alan Uygulaması Dersleri</i>	--	2.0		<i>Alan Uygulaması Dersleri</i>	--	4.0
	<i>Seçmeli Dersler</i>	--	2.0		<i>Seçmeli Dersler</i>	--	3.0
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			30.0				30.0

III.Semester				IV.Semester			
REK105	Rhythm and Dance in Recreation	1+2	3.0	ANA214	Functional Anatomy	2+0	3.0
REK201	Commercial Recreation	3+0	3.5	REK206 (Eng)	English for Specific Purposes II	2+0	2.0
REK205 (Eng)	English for Specific Purposes I	2+0	2.0	REK226	Event Management in Recreation	2+0	3.5
REK215	Public Administration and Local Recreation	3+0	3.5	REK230	Sport For All	2+1	2.5
REK217	Workplace Recreation	3+0	3.5	REK232	Leisure Education	3+0	3.5
REK221	Swimming	1+2	2.0	REK234	Business Administration of Recreation	3+0	3.5
SAĞ211	Movement-Motor Progress	2+0	2.5	TAR166	Atatürk's Principles and History of Turkish Revolution II	2+0	2.0
TAR165	Atatürk's Principles and History of Turkish Revolution I	2+0	2.0		<i>Alan Uygulaması Dersleri</i>	--	6.0
	<i>Alan Uygulaması Dersleri</i>	--	2.0		<i>Mesleki Seçmeli Dersler</i>	--	4.0
	<i>Seçmeli Dersler</i>	--	6.0				
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			30.0				30.0

V.Semester				VI.Semester			
ANA305	Introduction to Physiology	2+0	2.5	REK320	Recreational Games	1+2	3.0
REK213	Time Management	2+0	3.5	REK322	Project Implementation in Recreation	2+0	3.0
REK218	Recreation Leadership	2+0	3.0	REK324	Entertainment Marketing	2+0	3.5
REK331	Recreation Programming and Planning	3+0	3.0	REK326	Urban Landscape and Recreation	2+0	2.5
REK333	Leisure and Psychology	3+0	3.0	REK328	Effective Communication on Recreation	2+0	3.0
	<i>Alan Uygulaması Dersleri</i>	--	4.0	SAĞ208	Physical Activity and Nutrition	2+0	3.0
	<i>Yabancı Dil Dersleri I</i>	--	4.0		<i>Yabancı Dil Dersleri II</i>	--	4.0
	<i>Mesleki Seçmeli Dersler</i>	--	4.0		<i>Mesleki Seçmeli Dersler</i>	--	8.0
	<i>Seçmeli Dersler</i>	--	3.0				
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			30.0				30.0

VII.Semester				VIII.Semester			
ARY204	Scientific Research Methods	2+0	3.0	REK416	Research and Project in Recreation	0+4	4.0
İLT477	Public Relations and Communication on Recreation	2+0	3.0	REK426	Material Design in Recreation	2+1	3.0
REK423	Recreation in Disabled Group	3+0	3.0	REK428	Leisure Economy	2+0	3.5
REK437	Skill Learning and Teaching in Recreation	3+0	3.5	REK430	Human Resources Management in Recreation	3+0	3.5
REK439	Facility, Site and Material Management in Recreation	2+0	2.5	REKSJ302	Internship	0+4	5.0
	<i>Mesleki Seçmeli Dersler</i>	--	12.0	SAĞ410	First Aid and Rehabilitation	1+2	3.0
	<i>Seçmeli Dersler</i>	--	3.0		<i>Mesleki Seçmeli Dersler</i>	--	8.0
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			30.0				30.0

Elective Courses

ESTÜ101	Introduction to University Life					0+1	2.0
ESTÜ104	Academic and Life Skills					2+1	3.0

ESTÜ106	Proje Yönetimi	2+1	3.0
ESTÜ107	Flute	2+1	3.0
ESTÜ109	Piano	2+1	3.0
ESTÜ110	Guitar	2+1	3.0
ESTÜ111	Volunteering Works	1+2	4.0
ESTÜ120	Solfège	3+1	3.0
ESTÜ201	Turkish Sign Language	3+0	3.0
ESTÜ401	Introduction to Professional Life	1+1	2.0
FOT217	Sports Photography	2+0	3.0
iNG225 (Eng)	Academic English I	3+0	3.0
iNG226 (Eng)	Academic English II	3+0	3.0
iNG325 (Eng)	Academic English III	3+0	3.0
iNG326 (Eng)	Academic English IV	3+0	3.0
iNG425 (Eng)	Academic English V	3+0	3.0
iNG426 (Eng)	Academic English VI	3+0	3.0
MÜZ138	Fundamentals of Music Education	1+2	3.0
REK124	Sports Movies	2+0	3.0
REK225	Recreation and Entrepreneurship	2+0	3.0
REK242	Sports Aviation	1+2	3.0
REK337	Outdoor Sports and Camping	1+2	3.0
REK339	Winter Camp Appliance	0+4	3.0
REK357	Innovation Management in Recreational Businesses	2+0	3.0
REK432	New Approaches in Recreation	2+0	3.0
REK434	Volunteerism and Volunteer Education	2+0	3.0
REK436	Summer Camp Appliance	0+4	3.0
REK441	Accessibility of Recreational Areas and Buildings	2+0	3.0
SNT155	History of Art	2+0	2.0
SPY405	Massage	2+1	3.0

Area Elective Courses

ANA302	Exercise Physiology	3+0	4.0
ANI304	Animation	1+2	4.0
BEÖ425	Sports Tourism	3+0	4.0
PZL315	Service Marketing	3+0	4.0
REK224	Theatrical Events in Recreation	1+2	4.0
REK228	Wellness and Life Coaching	1+2	4.0
REK330	Performance and Career Management	3+0	4.0
REK332	Park Recreation	3+0	4.0
REK349	Psychosocial Rehabilitation	3+0	4.0
REK350	Creative Drama	1+2	4.0
REK351	Fitness I	1+2	4.0
REK352	Fitness II	1+2	4.0
REK414	Recreation and Urbanization	3+0	4.0
REK422	Recreational Therapy Techniques	3+0	4.0
REK425	Yoga and Meditation	1+2	4.0
REK429	Adventure Recreation	3+0	4.0
REK433	Customer Relationship Management Recreation	3+0	4.0
REK443	Recreational Team Building Practices	2+1	4.0
REK445	Recreational Sponsorship	3+0	4.0
REK446	Elite Fitness	1+2	4.0
REK447	Pool Activities	1+2	4.0
REK448	Brand Management	3+0	4.0
REK450	Pilates Reformer	1+2	4.0
REK452	Stage Design and Choreography	2+1	4.0
REK453	Scuba diving I	1+2	4.0
REK454	Scuba diving II	1+2	4.0
SAN417	Modern Dance	1+2	4.0

Foreign Language Courses I

ALM255 (Ger)	German I	3+0	4.0
FRA255 (Fra)	French I	3+0	4.0
iSP157 (Spa)	Spanish I	3+0	4.0
iTA255 (İta)	Italian I	3+0	4.0
RUS255 (Rus)	Russian I	3+0	4.0

Foreign Language Courses II

ALM256 (Ger)	German II	3+0	4.0
FRA256 (Fra)	French II	3+0	4.0
iSP258 (Spa)	Spanish II	3+0	4.0
iTA256 (Ita)	Italian II	3+0	4.0
RUS256 (Rus)	Russian II	3+0	4.0

Applied Area Courses

REK126	Darts	1+2	2.0
REK211	Stretching	1+2	2.0
REK223	Bicycle	1+2	2.0
REK236	Badminton	1+2	2.0
REK238	Mountaineering	1+2	2.0
REK240	Squash	1+2	2.0
REK246	Artistic Swimming I	1+2	2.0
REK248	Taekwando	1+2	2.0
REK251	Kids Gymnastic	1+2	2.0
REK316	Pilates	1+2	2.0
REK341	Group Exercises	1+2	2.0
REK343	Tennis	1+2	2.0
REK345	Masa Tenisi	1+2	2.0
REK347	Horseback Riding	1+2	2.0
REK353	Crossminton	1+2	2.0
REK355	Mountain Bike	1+2	2.0
REK417	Baseball	1+2	2.0
REK419	Billiards	1+2	2.0
REK438	Step-Aerobics	1+2	2.0
REK440	Fencing	1+2	2.0
REK442	Archery	1+2	2.0
REK444	Orienteering	1+2	2.0
REK456	Sport Climbing	1+2	2.0
SAT201	Chess	2+0	2.0
SOS139	Social Dances	0+2	2.0
SOS227	Folk Dancing	1+2	2.0
SPY158	Handball	1+2	2.0
SPY162	Football	1+2	2.0
SPY164	Basketball	1+2	2.0
SPY166	Volleyball	1+2	2.0

Foreign Language Courses III

ALM357 (Ger)	German III	3+0	4.0
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Foreign Language Courses IV

ALM358 (Ger)	German IV	3+0	4.5
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DEPARTMENT OF SPORTS MANAGEMENT

Department of Sports management is an interdisciplinary field that provides concepts and approaches of business administration and also it includes sports management, sports Law and Sports Economy. The aim of the department is to train Sports Managers and to present theoretical and practical subjects in a wide perspective to cause pupils to gain competence in organizations.

Department Head : Assoc. Prof.Dr. Hakan KATIRCI
Deputy Department Head : Assoc. Prof.Dr. Arif YÜCE

PROGRAM

I.Semester				II.Semester			
HUK151	Fundamental Concepts of Law	3+0	4.5	BEÖ101	Introduction to Physical Education and Sport Sciences	3+0	4.0
iKT101	Introduction to Economics I	3+0	5.0	iKT102	Introduction to Economics II	3+0	5.0

İNG187 (Eng)	English I	3+0	3.0	İNG188 (Eng)	English II	3+0	3.0
MAT157	Basic Mathematics I	2+0	3.0	MAT158	Basic Mathematics II	2+0	4.0
SOS107	Behavioral Sciences	2+0	3.0	SPY102	New Media Technologies and E-Sport	4+0	5.0
SPY105	Fundamentals of Business in Sports	3+0	4.5	TÜR126	Turkish Language II	2+0	2.0
TÜR125	Turkish Language I	2+0	2.0		<i>Mesleki Seçmeli Dersler</i>	--	5.0
	<i>Mesleki Seçmeli Dersler</i>	--	5.0		<i>Seçmeli Dersler</i>	--	2.0
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			30.0				30.0

III.Semester

İKT421	Economy of Turkey	2+0	3.0
İŞL102	Management and Organization	3+0	4.0
İŞL307	Management Information Systems	2+0	3.0
MUH105	Introduction to Accounting	2+2	4.5
SPY201	Basic Principles of Sport Management	3+0	4.5
TAR165	Atatürk's Principles and History of Turkish Revolution I	2+0	2.0
	<i>Mesleki Seçmeli Dersler</i>	--	9.0

			30.0

IV.Semester

BEÖ321	Sport Psychology	3+0	5.0
İLT101	Communication I	3+0	4.5
İŞL203	Business Law	3+0	4.0
İŞL301	Human Resources Management	3+0	4.0
SPY202	Administrative Organization of Turkish Sports	3+0	6.0
SPY204	Sustainability In Sport	3+0	4.5
TAR166	Atatürk's Principles and History of Turkish Revolution II	2+0	2.0

			30.0

V.Semester

BEÖ459	Physical Education and Sports for Disabled	1+2	4.0
REK102	Recreation Management	2+0	3.0
SPY301	Planning Organization in Sport	3+0	5.0
SPY305	Sport Economy	3+0	5.0
SPY307	Corporate Behavior in Sport	3+0	5.0
SPY309	Sport Event Management	3+0	4.0
	<i>Mesleki Seçmeli Dersler</i>	--	4.0

			30.0

VI.Semester

ARY202	Research Techniques	3+0	5.0
İST317	Statistics	2+0	2.5
İŞL204	Business Planning	2+0	3.0
PZL403	Sports Marketing	3+0	4.5
SPY353	Performance Evaluation	2+2	5.0
	<i>Mesleki Seçmeli Dersler</i>	--	6.0
	<i>Seçmeli Dersler</i>	--	4.0

			30.0

VII.Semester

FİN304	Financial Management	3+0	4.5
HUK421	Sport Law	2+0	2.0
İLT370	New Approaches in Management	3+0	6.5
REK305	Leisure Time Economy	3+0	5.0
SPY401	Sponsorship in Sports Administration	3+0	4.0
SPY403	Sport and the Media	2+0	2.5
SPY413	English for Specific Purposes I	2+0	2.5
	<i>Mesleki Seçmeli Dersler</i>	--	3.0

			30.0

VIII.Semester

İLT366	Presentation Techniques	3+0	5.0
İSN315	Public Relations	2+0	3.0
SOS415	Sport Sociology	2+0	4.0
SPY404	Sport Politics in Turkey	3+0	3.0
SPY406	Research Project in Sport Management	0+4	3.5
SPY410	Management in Sports Administration	3+0	4.0
SPY414	English for Specific Purposes II	2+0	3.0
SPY416	Strategic Management in Sports	3+0	4.5

			30.0

Elective Courses

BEÖ425	Sports Tourism	3+0	4.0
BRİ101	Bridge	2+0	3.0
ESTÜ101	Introduction to University Life	0+1	2.0
ESTÜ104	Academic and Life Skills	2+1	3.0
ESTÜ111	Volunteering Works	1+2	4.0
ESTÜ201	Turkish Sign Language	3+0	3.0
İNG225 (Eng)	Academic English I	3+0	3.0
İNG226 (Eng)	Academic English II	3+0	3.0
İNG325 (Eng)	Academic English III	3+0	3.0
İNG326 (Eng)	Academic English IV	3+0	3.0
İNG425 (Eng)	Academic English V	3+0	3.0
İNG426 (Eng)	Academic English VI	3+0	3.0
İŞL405	Capital Markets	3+0	4.5
RSM152	Painting	2+0	4.0
SAĞ103	Knowledge About Health	3+0	4.5
SAN155	Hall Dances	0+2	2.0
SNT155	History of Art	2+0	2.0
SOS155	Folkdance	2+0	2.0
TİY152	Theatre	2+0	2.5

Area Elective Courses

ANT101	Sport Philosophy and Olympism	2+0	4.0
ANT210	Cycling	1+2	2.5
ANT212	Mountaineering	1+2	2.5
ANT214	Fencing	1+2	2.5
ANT216	Archery	1+2	2.5
ANT310	Swimming	1+2	3.0
BEÖ102	Life Fit	2+2	3.0
BEÖ176	Trekking	1+2	4.0
BEÖ421	Groups Dynamics in Sport and Leadership	3+0	4.0
BİL215	Computer-Aided Design I	3+0	4.0
BİL216	Computer-Aided Design I	3+0	4.0
İŞL352	Organizational Communication	2+0	3.0
İŞL421	Entrepreneurship	2+0	3.0
İŞL452	Problem Solving Techniques in Management	3+0	4.0
PSİ104	Social Psychology	3+0	3.0
PSİ208	Conflict and Stress Management	3+0	5.0
REK319	Scouting and Camping	1+2	3.0
REK417	Baseball	1+2	2.0
REK419	Billiards	1+2	2.0
REK421	Orienteering	1+2	3.5
RHİ452	Sport Marketing Communication	3+0	4.5
SAĞ208	Physical Activity and Nutrition	2+0	3.0
SAT101	Chess	1+2	3.5
SOS404	Social Structure of Turkey	3+0	4.5
SPY158	Handball	1+2	2.0
SPY162	Football	1+2	2.0
SPY164	Basketball	1+2	2.0
SPY166	Volleyball	1+2	2.0
SPY251	Badminton	1+2	3.0
SPY253	Tennis	1+2	3.0
SPY255	Table Tennis	1+2	3.0
SPY257	Squash	1+2	3.0
SPY313	Sports Fandom	3+0	4.0
SPY352	Local Administrations and Sports	3+0	3.0
SPY415	Current Sports Marketing Approaches	2+0	3.0

COURSE CONTENTS**ALM151 (Ger) German I****3+0 3.0**

Making Sentences in German: Determining Subject and Object; Articles: Der, Die, Das, Plural Die; Akkusativ; Conjugation of Articles; Prepositions used with Akkusativ and Dativ; Conjugation of Articles, Their New Forms and Usages; Prepositions used with Dativ; Use of Akkusativ and Dativ in a Sentence; Sentences with Wenn and Wo; Subordinate Clauses

with Nachdem and Bevor; Phrases Used in Telephone Calls and Shopping; Introduction to Subordinate Clauses and Basic Rules.

ALM152 (Ger) German II 3+0 3.0

Prepositions used with Akkusativ and Dativ; Identifying Cases with Wo and Wohin; Formation of Genitiv; Relative Sentences; Personal Pronouns; Conjugation of Adjectives; Subordinate Clauses; Sentences with Modal Verbs; Tenses: Simple Past and Present Perfect Tense; Präteritum, Perfekt and Plusquamperfekt; Active and Passive Sentences; Passive Sentences With Verbs; Usage of Konjunktiv I and Konjunktiv II; Business German; Making Telephone Calls; Asking Questions on the Telephone, Taking Orders; Taking Messages and Notes; Patterns of Correspondence: Forms of Addressing in a Letter, Writing Business and Private Letters; Being in a Restaurant: Ordering Meals, Types of Meals and Paying Bill.

ALM255 (Ger) German I 3+0 4.0

Greeting Friends; Asking for Someone's Health; Asking for Directions; Asking Where People are From; Making Requests; Asking for Prices; asking for Prices; Asking for Different Kinds of Food and Drink; Formal Sentences Used in Restaurants and Formal Places; Asking For and Telling People about Preferences; Likes and Dislikes; Asking for the Amount of Something and Telling the Amount of Something: Structures Used in Telephone Conversations; Using Appropriate Grammar Forms for the Given Situations.

ALM256 (Ger) German II 3+0 4.0

Modal verbs: Können, Müssen, Wollen, Dürfen, Sollen, Mögen; Tenses: Simple Present Tense, Future Tense; Nouns and Types of Nouns; Articles; Singular and Plural Forms: Words that are used as Singular or Plural only, Plural Form of the Indefinite Article; Cases of a Noun: Uninflected Case, Accusative, Dative, Possessive Cases; Exercises about these Grammar Points.

ALM357 (Ger) German III 3+0 4.0

Expressing a Request; Expressing Regret; Accusing Someone and Apologizing, Describing People, Asking about Someone's Health; Serious Illnesses and Learning about Human Body; Getting Surprised; Responding in Misunderstandings; Explaining Someone Something; Requesting Something from Somebody; Giving Opinions about Furniture; Expressing Opinions about Pictures, Clothes and People; Using Appropriate Grammar Forms for the Given Situations.

ALM358 (Ger) German IV 3+0 4.5

General Review of Noun Cases: Strong and Weak inflection, Mixed inflection, inflection Groups, inflection of the Words Which are not German in Origin; Adjectives: Use of Adjectives, Adjective Phrase, Use of Adjectives Depending on the Verb, Adjectives and Cases of a Noun, Types of Adjectives; Comparing Adjectives: Verbs; Groups of Verbs, Verb Forms, Regular Verbs; Tenses: Present Continuous Tense, Past Perfect Tense, Future Tense, Future Perfect Tense.

ANA106 Physiology 3+0 5.0

Cell physiology and General Physiology: Cell Functions, Blood Cells, Blood Coagulating; Nerve and Muscle: Membrane and Stock Potential, Contraction in Skeletal Muscle, Nerve Muscle Conduction, Functions of Smooth Muscles, Heart: Heart Muscle, Rhythmic Stimulating of Heart, Normal Electrocardiogram; Circulation: Systemic Circulation; Regulation of Arterial Pressure; Respiration: Pulmonary Ventilation, Regulation of Respiration; Nervous System: Cerebral Control of Motor Functions, Autonomy Nervous System; Endocrinology: Thyroid Gland and Metabolic Hormones, Cortex Hormones.

ANA126 Kinesiological Anatomy 3+0 4.0

Concepts of Kinesiology and Anatomy: Muscle Activation in Movement Kinematics, Term Related to Movement: Basic anatomical position, Axis, Platform, Range of Motion; Bones and Muscles in Upper and Lower Extremities: Chest, Shoulder, Leg, Forearm, Upper arm, Back, Abdominal, Neck, Hand and Feet Muscles, Humerus, Clavicula, Radius, Ulna, Pelvis, Femur, Tibia, Fibula, Vertebrae, Costae, Hand and Feet Bones, Upper extremities, lower extremities, abdominal and back muscles.

ANA133 Human Anatomy and Kinesiology 3+0 3.0

Human Body: Cells, Tissue, Organs, Systems and structures of motion system, Anatomical terms and concepts, Planes, Axes, Head, Neck, Body, Upper and lower parts movements and functions of contraction of muscles involved in movement; Kinesiological Analysis of Sportive Movements.

ANA213 Exercise Physiology 2+2 5.0

Structure and Function of Cell, Tissue, Organs and Systems that Form Human Body; Energy Resources of Human Organism in Exercise and Their Relations with Sports Activities; Fatigue and Recovery; Metabolic Adaptations to Training: Acute and chronic adaptations in strength and endurance training; Neuromuscular, Cardiovascular, and Respiratory Systems and Exercise; Hormonal Adaptations to Exercise; Sex Differences in Exercise; Altitude, Exercise in Hot and Cold Environments; Basic Laboratory Applications and Performance Evaluation in Exercise Physiology.

- ANT113 Introduction to Sports Sciences 3+0 4.0**
 Concept of Sports; Historical Background of Sports; Effects of Sports on Individuals; Effects of Sports in Societies; Sports Philosophy; Scientific Approaches to Sports; Function of Sports: Social, economic, and psychological functions of sports; Concepts Related to Sports Sciences; Basic Movement Skills; Active life; Movement Education; Motor development: Areas of motor development, Stages of motor development, the factors that affect motor development.
- ANT115 Basic Gymnastics 1+2 3.0**
 Concept of Basic Gymnastics: Definition, Other types of gymnastics, Exercises in Gymnastics: Stands, Marches, Commands, Sorting and Wheels; Running: Direction changing in running, Rhythmic running, Jumping and hooping; Stretching: Stretching exercises: active and inactive stretching; Coordination Skills: Gym board, Ropes, Balls, Pins Vertical ropes; Exercising with a Partner: Groups exercises with 2, 3, or 4 members; Power Development Exercises: Static and dynamics power exercises; Conditional Properties: Balance, Speed, Power, Endurance, Stretching exercises.
- ANT141 Ethics of Sports 4+0 5.0**
 Ethics and Morality: Morals, Morality in sports, Ethics, Ethics in sports; Fair Play and Olympism: Sense of fair play, Virtue in sports, Understanding of Olympism; Gender and Sports: Women and sports, Gender equality, Sexual discrimination in sports; Doping in Sports: Steroids in sports and drug use, Doping methods used in sports; Sports and Violence: Violence in sports, Aggression, Ethics in supporting sports teams, Ethics in Sports Media: Media ethics, Objectivity in sports media.
- ANT201 Sports Biomechanics 2+0 3.0**
 Basic Physics and Maths in Sports: Time, Biomechanical Characteristics; Linear Characteristics: Length, Velocity, Acceleration, Circular Characteristics: Angle, Body Angle, Directional Angle, Angular Velocity, Angular Acceleration; Biodynamic Characteristics; Circular Characteristics; Mechanical Concepts and Principles Used in Different Sports; Physics and Maths in Sports Performance.
- ANT204 Sport Pedagogy 2+0 3.0**
 The Trainer; Educational and Behavioral Characteristics; Teaching-Learning Approaches; Learning styles; Teaching Techniques; Learning Process; Training sessions; Use of Technology in Training; Administrative Aspects of Training; Approaches in Sports Education.
- ANT206 Kinoanthropometry 2+0 3.5**
 Anatomic Positions; Somatic Growth and Development; Techniques of Measurement and Definitions; Length and Width; Circumference; Skinfold; Distribution of Somatotips; Somatogram (Body profile); Evaluation of Body Composition by Anthropometric Method, Body Structure; Structural factors in Ability selection.
- ANT210 Cycling 1+2 2.5**
 Historical Development of Cycling; Nutrition of Cyclists, Safety in Cycling; Clothing; Seat Position; Height of Saddle; Height of Handle-Bar; Length of Handle-Bar; Cycling and Development of Cycling; Cycling Competitions.
- ANT212 Mountaineering 1+2 2.5**
 Quality of Clothes, Tools and Other Equipments, Walking, Slope, Tents, Camping, Tactics of Camping; Nutrition; Techniques of Using Pickaxe and Wearing Crampon; Climbing on Ice and Snow, Slope and Defense.
- ANT214 Fencing 1+2 2.5**
 Definition: Rules, Parry, Action, Self-Confidence, Concentration, Aesthetic, Reflex, Balance, Group Adaptation, Definition of Technical Terms; Parry and action, Riposte, Septime, Disengage, Handle, Priority, Ground, Weapon, Foil, Epee, Sabre; Technical features of Fencing; Feet; Change on ends, Quarte, Sixte, Septime, Octave, Quinte, Guard, Reprise, Bastinado, Balestro.
- ANT216 Archery 1+2 2.5**
 History of Archery in Turkey and in the World; Teaching Methods; Posture, Clicker, Bowsling, Drawing Hand, Draw, Aim, Point of Aim, Nose Mark, Kisser, Bop-Notch, Bowsling, Tackle, Arrow-Nock, Anchor-Point, Release of the Arrow, Types of Arrow, Competitions, Nutrition, Skill Election, Periodical Training.
- ANT222 Talent Identification and Children in Sport 3+0 5.0**
 Theoretical Principles of talent in sport: the definition of talent, talent search and selection process, Talent foresight, approaches related with skill foresight, Talent Search, Selection and Directing Models; Five Steps to Talent Search and Selection; Family, School and Sports Club Co-operation for Talented Kids' Choice and directing; Factor Effects the Success; Sports Ability on Children; Developing Skills; Reasons for Sport; Training Children and Teenagers; Aim of Children Training; Adaptation; Risk of Children Training; Motor Skills Education; Medical Approach.

ANT243 Functional Movement Systems 1+2 3.0
Functional Movement Analysis Methods: Functional movement screen (FMS), Types of posture analysis, Functional movement analysis assessment; Mobilization, Flexibility, Stabilization and Balance Concepts; Mobilization Trainings for the Joints: Ankle, Hip and back region; Stabilization Training for the Joints: Ankle, Knee, Hip, Trunk stabilization; Corrective Exercise Methods; All Joints; Special Functional Training Methods; Sport Specific Functional Training Methods.

ANT273 Artistic Gymnastics I 2+2 4.0
Equipment in Artistic Gymnastics; Warm Up; Physiology of Warm Up; Basic Stands in Gymnastics; Strength Exercise for Modifications to the Basic Stands; The Improvement of Flexibility-Strength-Coordination-Mobility and Level of Ability; Testing and Assessment of Flexibility; Simple Rolling on the Ground; Front and Back Handspring and Their Variations; Balance and Balance Postures; Small Movements Link; Strength and Ability Training for Basic Techniques; Coordinative Abilities; Improvement of Jumping.

ANT274 Artistic Gymnastics II 2+2 4.0
Training Periodization in Artistic Gymnastic; Assessment of Training and Control; The Overload Principle; Biomechanical Analysis the Movements in Artistic Gymnastic; The Biomechanics of Twist and Somersault; Methodical Teaching of Movement in Artistic Gymnastic; The Investigation of the Movement's Techniques in Apparatus; Rules of Assessment of Woman and Man in Competition; Difficulty and Special Requirements with Rules of Formation and Bonus; Difficulty Tables; Serial Assessment.

ANT275 Track and Field I 2+2 4.0
Long Distance Running; Recent Middle and Long Distance Runs; Long distance Running in Children; Exercises for Middle and Long Distance Running; Exercises for Aerobic Endurance; Training Program and Sample Workouts on Mountain; Cross-Country and Road Running; Half Marathon and Marathon Training Programs and Sample Workouts; Teaching Walking Technique and Sample Workouts on Race Walking; Rules Knowledge; Track and Field Competition Rules.

ANT276 Track and Field II 2+2 4.0
Fields in Throwing Sports; Throwing Sectors; Security Precautions and Equipment Throwing Sports; Shot Put: Holding, Take off from hand, Preparation to slip technique; Slipping and Rotation Shot Put Techniques; Discus Throw: Holding, Take off from hand; Teaching Slipping-Return Techniques; Mistakes in Discus Throw and Exercise for Adjust; Investigation of Shot Put, Javelin, Discus and Hammer Throw Techniques Biomechanically; Javelin Throw: Holding, Take off from hand, Steps Techniques; Javelin Throw with Five Steps Techniques; Hammer Throw: Holding, Take off from hand, Preparation for hammer throw by turning around, Teaching hammer throw techniques.

ANT277 Badminton I 2+2 4.0
History of Badminton; Development of Badminton in Turkey and the World; Equipment of Badminton and Game Zones (Net, Posts, Ball, Racket Types, Clothes, Shoes And Auxiliary Meterials); Teaching Fundamental Skills in Badminton; Racket Gripping Types: Forehand technique, Backhand technique, Improvement drills, Body and foot positions in forehand and backhand, Ball trajectory in forehand and backhand strokes; Correction of Mistakes Drills; Contact Areas of Ball and Racket; Correction of Mistakes; Main Stance Techniques; Main Standing Position; Serve Standing and Stroking Positions; Serve Stroke; Application of Serve Types: High serve, Short serve, Swip serve, Body and foot positions in serve stroke; Stroke stage; Serve Types and Ball Trajectory; Application of Serve Types According to Match Types; Correction of Mistakes.

ANT278 Badminton II 2+2 4.0
Foot Work in Badminton: Stepping analysis, Running directions and techniques, Side step to backyard, Front cross and back cross foot tecniques, Foot movement to net, Explanation and application of clear, Drop, Lop tecniques; Body and Foot Positions, Ball Trajectory in Clear, Drop, Lop Strokes; Correction of Mistaken Stroke Types; Combination of Running Directions and Foot Movements; Clear-Drop Drills; Drop-Lop Drills; Combination of Clear, Drop, Lop Strokes; Explanation and Application of Drive, Smach, Net Strokes; Body and Foot Positions; Ball Trajectory in Drive, Smach and Net Strokes; Correction of Mistaken Strokes; Drills Including all Stroke Types; Shadow Badminton; Preparation to Match: Game rules, Serve stroke, Serve faults, Repitation of serve, Winning and losing of points, Single game, Double game, Change, Umpire knowledge, Duty and positions of game zone staff; Umpire Hand Sings; Turnament and Organizations.

ANT279 Basketball I 2+2 4.0
Definition of Basketball; Historical Development in the World and Turkey; Features of the Game of Basketball; Basketball Refereeing Rules; Knowledge of Game Rules; Knowledge of Basketball Court Measurements; Organizing Competitions in the World and in Turkey; The Importance of Warm Up; Basketball Specific Warm Up and Stretching; Teaching Principles and Methods in Basketball; Position and Characteristics of the Players; Head Coach and Assistant Coach with the Tasks; Ballhandling Exercises; The Definition of Technique; Progressive Teaching of with and without Ball Techniques: Ball handling, Basic stances, Pass and varieties with the ball, Stops, Turns, Dribbling, Without the ball basic position, Gliding step and combined teaching of techniques; Deception and rhythm work.

ANT287 Rhythmic Gymnastics I 2+2 4.0

Historical Improvement of Rhythmic Gymnastics; Effects of Rhythmic Gymnastics on Motor Development; Aims in Children, Teen, Young and Adult Categories; Basic Exercise on Rhythmic Gymnastics; Different Step Forms; Walking, Bounce, Running, Changing Step, Jumping, Gallop, Vales step; Turnings, Fluctuates, Swing and Oscillations; Balance, Jumping and Skip; Rollings; Dance Techniques: Classic dance, Basic foot and arm positions, Assessment of posture, Sample workout series on dance and body techniques; Warm Up and Flexibility Workouts.

ANT288 Rhythmic Gymnastics II 2+2 4.0

Basic Body Elements: Skip and jumping, Balance, Turnings, Flexibility, Fluctuates, other groups; Various Step Forms, Bounce and Jumps, Oscillation and Circle, Turnings, Pre-Acrobatic Movements; Making Composition with Basic Body Elements; Apparatus Techniques; Aims and Specialties of Techniques; Combination Techniques and Items; Basic Properties of Ripe Apparatus; Grip, Hurls, Throwings, Through Inside, Forward and Backward Turning, Winding the Body; The Combination of Basic Body Element and Apparatus; Requirements Composition for Ripe Apparatus; Prepare the Composition with Ripe Apparatus; Hoop Apparatus Features: Grip, Rollings, Rotations, Through inside and the top, Circle and eights, Throwings, Combination of basic body elements and apparatus, Composition requirements for circle apparatus, Preparing the composition with circle apparatus.

ANT289 Tennis I 2+2 4.0

The History of Tennis; Tennis in the World; Development of Tennis in Turkey; Introduction to Tennis; Playground and Equipment (Racket types, Clothes, Court surfaces types); Tennis Culture (Playing and Watching); Explaining the Nature of the Rules of Tennis Tradition; Teaching of Basic Techniques: Racket holding forms, Development activities for ball-racket coordination; Forehand and Backhand Ground Strokes Working Drills; Correction of Mistakes; Footwork; Stroke Types: Half volley, Volley, Drop volley and lob strokes; Parallel, Cross Volley and Spiking Workouts; Preparation Volley for Volley Points (1st Volley); Body and Foot Position in the Volley, Half-Volley and Spike; Correction of Body Posture and Feet Position; Transition to Serve; Explaining Serve Types: Flat service, Twist service, Body position in the slice serve, Correct movement of the racket towards ball; Correction of Mistakes and Foot Works; Combined Drills in Three Exercises; 1st Serve and 2nd Serve According to the Match Score.

ANT290 Tennis II 2+2 4.0

Technical Expression and Implementation of Specific Strokes; Development of General Strokes and Footwork Exercises; Match Preparation; Rules of the Game; Competition Field; Ball; Racket; Serve; Foot Fault; Serve Error; Second Serve, Duplication of Serve; Changing Field; Points; Winnig and Loosing of the Point, Set and Tie-Break Scoring System; Refereeing Knowledge; Tennis Tournament Organization and Tournament Types (Amateur and Professional); Instructional Principles in Tennis; Instructional Methods and Techniques; Personality Characteristic of Tennis Coaches; Personality Characteristics of Tennis Players; Talent Identification: Scouting, Talent identification, Routing of talented players and tests in talent identification.

ANT291 Volleyball I 2+2 4.0

The Development of Volleyball in Turkey and Around the World; Characteristics of Volleyball; Importance of Warm-Up and Warm-Up Exercises in Volleyball; Anthropometric and Sport Performance Characteristics in Volleyball; Player Types and Characteristics; Basic Positions; Basic Techniques and Teaching; Overhead Passing Training and Types: Featured underhand, Reverse overhead, Leaping overhead; Progressive Teaching Forearm Passing and Types: Featured headlines rust, Rust cuff back; Complex Teaching Underhand and Forearm Passing Techniques; Setter Properties.

ANT292 Volleyball II 2+2 4.0

Forearm Pass; Combined Teaching of Service Techniques; Service Receiving Systems: Basic W system, Four step and Cup system; Teaching Spike Step by Step and Spike Types: Spike to high, Low, Short, Bullet, Flat Passes; Combined Teaching of Overhead Pass, Forearms Pass, Service and Spike Techniques; Technical Education of Block and Block Types: Combined teaching of single block, Double block, Triple block; Combined Teaching of Overhead Pass, Forearm Pass, Service and Spike Techniques; Gradual Teaching of Dig Technical and Dig Types; Sequence The Playing Field, Turned and Displacements; Offensive and Defensive Dubbing; Volleyball Strength and Sprint Exercises.

ANT293 Swimming I 2+2 4.0

Historical Development of Swimming; Swimming Pools; Examining Swimming Pools for Educational Classes and Competitive Athletics; Field and Equipment of Swimming for Competitive Athletics; Basic Training Phases in Swimming: Adaptdation to water, Breathing, Opening eyes, Being able to stay on the water, Information about moving in water, Aquaplaning and grip exercises in water; Freestyle Technique: Examining the body position, The position of head, Breathing-moving, Foot Beat Movement, Analysis and investigation of the hand positions in recovery movement; Backstroke Technique: Analysis of backstroke swimming technique, Body position, The position of head, Breathing-moving, Foot beat movement, Investigation of hand positions and recovery movement, Possible mistakes and their corrections in backstroke; Breaststroke Technique; Butterfly Technique; Fluid Dynamics in Swimming.

ANT294 Swimming II 2+2 4.0
Starting Techniques in Swimming; Finishings and Returns; Methods of Teaching Swimming Techniques Based on Age Groups: 0-3 years, 3-6 years, 6-10 years, 10-14 and older; Swimming Terminology; Swimming Organizations; Structure and Operating Modes of the Swimming Federation: Boards, Provinces, Provincial organizing committee, Swimming referee committee, Swimming city representative's duties, powers and responsibilities; Duties of International Swimming Federation 'FINA' and European Swimming Association 'LEN'; Continental Championships; World Championships and the Olympics; Swimming Refereeing and Swimming Rules; Talent Identification in Swimming.

ANT295 Archery I 2+2 4.0
Introduction to the Structural Organization of "Archery" in the World; Introduction to the Structure of Turkish Archery Federation; Archery Disciplines: Target archery, Para archery, Field and 3D archery, Flight and clout archery, Ski and run archery; Archery Constitution and Procedures; Archery Events; Target Archery Rules I; Target Archery Rules II; Field Archery and 3D Archery Rules; Miscellaneous Archery Rounds and Anti-Doping Rules.

ANT296 Archery II 2+2 4.0
Safety Precautions; Archery Equipment: Recurve bow, Compound bow, Clout Archery bows; Warm Up and Cooling in Archery; First Aid in Archery; Fundamental Skills in Archery: Using archery equipments like arm tab finger tab, Chest guard, Wrist guard etc.; Preparation to Archery Shooting; Teaching Basic Techniques: Stance, Holding, Drawing and full draw, Aiming and release, Sight adjustment; Shooting in Different Conditions.

ANT302 Teaching Methods in Sports 2+2 4.0
Characteristics of Sports Programs; Transferring Aims to Behavior; Definition of Style; Selection of Styles: Command Style (A), Practice Style (B), the Reciprocal Style (C), the Self-Check Style (D), the Inclusion Style (E), Guided Discovery Style (F), the Divergent Style (G), Individual Program-Learner's Design (H), Learner's Initiated Style (I), Self-Teaching Style (J), Micro Teaching and Practicing; Using Teaching Technology in Sport Education.

ANT310 Swimming 1+2 3.0
Teaching Phases in Swimming: Adaptation to Water, Respiration, Adaptation of Eyes, Floating, Advancing in water; Swimming Techniques and Analyses: Freestyle, Backstroke, Butterfly, Breaststroke; Rules of Competitions and officiating; Triathlon; Organization in Swimming; FINA; Dimensions of Swimming Pools; Biomechanics of Swimming.

ANT311 Psychology of Competition 3+0 5.0
Competition: Concept and content of competition, Historical development of the concept of competition, Meaning of the concept of competition today; Competition Processes; Competition and Human Interaction: Individual competitions, Team competitions, Effects of competition on human, Objective causes of competition, Subjective causes of competition, Reactions to competition, Results of competition, Relationship between competition and anxiety, Relationship between competition and stress, Relationship between competition and self-confidence.

ANT314 Training Periodization 3+0 5.0
Training Periodization Factors: Planning of short, middle, and long term training, Structures of microcycle and mesocycle training, Period and annual plan; Block Training; Altitude Training; Preparation for Training and Competition: Types and examples of warm-up; Strength Training Periodization: High level strength training for team and individual sports, Hypertrophy, Maximal strength, Explosive strength, Reactive strength, Strength endurance, Strength maintenance; Endurance Training Methods and Periodization; Speed Training Methods and Periodization.

ANT315 Research Project I 3+0 4.0
Preparation of the Research Project Proposal; At the end of the term, preparing a project proposal for solving a problem in different age groups, gender and groups of athletes with different training status or sedanter on field of science, coaching, fitness and sports performance analysis, Definition of the problem, The purpose of the project, Contribution of the project, Literature, Determination of the materials and methods; Work Schedule: Determination of the working calendar.

ANT316 Research Project II 1+3 5.0
Research Project Application: At the end of the term, the research project for the solving a problem in different age groups, gender and groups of athletes with different training status or sedanter on field of science, coaching, fitness and sports performance analysis; Work Schedule: Determination of the working calendar; Laboratory Practice; Using Available Machinery and Equipment in accordance with the Objectives of the Research Project and Obtain the Research Data; Data Analysis and Presentation of Results; Analysis and Proper Presentation of Research Data; Research Project Report; Writing the Research Project in accordance with the Principles of Academic Writing; Research Project Presentation; Sharing the Results of Research Projects.

- ANT351 Tennis 2+4 5.0**
 Fundamental Activities for Getting to Know the Coaching Profession; Observing Trainings, and Materials, Methods and Techniques Used in Trainings; Daily Observation of the Coach in a Sports Club; Observation of Coaches in a Competition Environment; Sports Club Management, Observation of Rules and Administrative Tasks, Observation of the Relationships Among Coaches, and Factors in the Competition Environment; Observation of Training Management of the Coach and the Control of the Athletes; Observation of the Daily Life of Athletes in Training and Competition Environments; Observation of Various Aspects of the Coaching.
- ANT352 Volleyball 2+4 5.0**
 Fundamental Activities for Getting to Know the Coaching Profession; Observing Trainings, and Materials, Methods and Techniques Used in Trainings; Daily Observation of the Coach in a Sports Club; Observation of Coaches in a Competition Environment; Sports Club Management, Observation of Rules and Administrative Tasks, Observation of the Relationships Among Coaches, and Factors in the Competition Environment; Observation of Training Management of the Coach and the Control of the Athletes; Observation of the Daily Life of Athletes in Training and Competition Environments; Observation of Various Aspects of the Coaching.
- ANT353 Swimming 2+4 5.0**
 Fundamental Activities for Getting to Know the Coaching Profession; Observing Trainings, and Materials, Methods and Techniques Used in Trainings; Daily Observation of the Coach in a Sports Club; Observation of Coaches in a Competition Environment; Sports Club Management, Observation of Rules and Administrative Tasks, Observation of the Relationships Among Coaches, and Factors in the Competition Environment; Observation of Training Management of the Coach and the Control of the Athletes; Observation of the Daily Life of Athletes in Training and Competition Environments; Observation of Various Aspects of the Coaching.
- ANT354 Archery 2+4 5.0**
 Fundamental Activities for Getting to Know the Coaching Profession; Observing Trainings, and Materials, Methods and Techniques Used in Trainings; Daily Observation of the Coach in a Sports Club; Observation of Coaches in a Competition Environment; Sports Club Management, Observation of Rules and Administrative Tasks, Observation of the Relationships Among Coaches, and Factors in the Competition Environment; Observation of Training Management of the Coach and the Control of the Athletes; Observation of the Daily Life of Athletes in Training and Competition Environments; Observation of Various Aspects of the Coaching.
- ANT373 Artistic Gymnastics III 2+2 4.0**
 Basic Exercises for Abutment in Parallel and Swinging Arms; Preparation of Kipe to the End; Handstand- Somersault Practice on the Ground; Balance Postures; Methods of Heavy Handstand Practice; Holding in Pull-Ups and Kinds of Swinging; Take a Elan, Front and Back Belly Returns; Cartwheel on the Ground; Round-off; Dolphins Somersault; Horse Vaulting with Open Leg and Closed Leg; Übersclag Jump; Running's Kite in Low Pull-Ups Mode and Down Landing in High Pull-Up Mode; Belly Take-off; Belly Return; Holding and Swinging on the Top Bar in Girls Parallel; Bottom Return and Finish on the Lower Bar; Simple Take-off on the Balance Apparatus; Walking and Pose; Using Assist Apparatus and Functions.
- ANT374 Artistic Gymnastics IV 2+2 4.0**
 The Competition Rules in Artistic Gymnastics; Difficulty Rules and Implementation of the Rules; Preparation of Contest Series' Difficulty Levels; Jumping Table; Cartwheel and Twisted Jumping; Step Drop from Somersault on the Ground; Farad Step Somersault; Round and Flic Flac; Hoops; The Endings on Balance; Kipe in Asymmetry Apparatus; Mounting on Side Horse Exercises; The Rhythm and Jumping Exercise on the Balance Apparatus; Shoulder Return on the Parallel; Reach the Asymmetry; Thsukahara Exercise in Jumping Table; The Analysis of Yamasita-Tsukahara Hand Spring-Forward Somersault Movement; The Analysis of Top Level Difficulty Movement.
- ANT375 Track and Field III 2+2 4.0**
 Exercises for Improving the Long Jump Technique; Preparing Training Programs for Long Jumpers; Triple Jump Techniques; Preparatory exercises for the technique and improving the technique; Control towards the Triple Jump Technique; Power Training and Improving the Skill for the Triple Jump Technique; Preparing Training Programs for Triple Jumpers; Teaching High Jump Techniques; Exercises for High Jump Techniques; Principles of the Training Programs for High Jump Techniques and Preparing Programs; Pole Vault Techniques; Preparatory Exercises for the Pole Vault Techniques; Preparing Training Programs for Pole Vault.
- ANT376 Track and Field IV 2+2 4.0**
 Short Distance Runs: Exercises for the running sections, Teaching the running techniques in short distance running, Take off techniques, Preparatory exercises for running techniques, Exercise for speed endurance, Hurdle-Runnings: Improvement exercise for short distance hurdle running techniques, Tactics in competition for short distance hurdle running, Long distance hurdle running techniques, Exercises for Long Distance Hurdle Running, Preparation of training programs; Relay Running: Relay race format and techniques, Sample workouts on relay running, Sample workouts on techniques of relay taking and

changing style; Multiple Races: Sample workouts on multiple race, Training program and training principles for multiple races; Circuit Training and Sample Workouts; Competition Observation and Analysis.

ANT377 Badminton III 2+2 4.0

Teaching Principles in Badminton; Teaching Methods in the Development of Fundamental Skills in Badminton: Command practice, Cooperation, Oriented discovery skills, Problem solving, Making working sheets, Microteaching methods, Microteaching applications; Personal Characteristic of Badminton Trainers and Players; Talent Identification; Searching for Talent; Selecting Talents; Talent Guidance and Tests for Talent Identification; Training Types: Daily, Weekly, Monthly; Strength, Speed, Endurance, Agility, Coordination and flexibility trainings; Periodization of Training for Performance Players; Biomechanics of Badminton; Explanation of Competition Categories: Single, Double and Mixed double.

ANT378 Badminton IV 2+2 4.0

Technical and Tactical Training; Age Groups; Onset of Badminton, Working Types; Application of Talent Identification Tests; Application of Training Types According to Match Types; Training Types According to Age Groups; Tactical Training Drills: Offensive and defensive tactics in badminton, General tactic, Specific tactic, Single offensive and defensive tactics, Double side to side and front back systems, Mixed drills and development; Tests and Measurements in Badminton; Application of Performance Tests According to Time; Tests for Technique; Mental Badminton; Mental Preparation; Nutrition; Observation Charts for Players; Evaluation of Competition Observation and Analysis; How to Use Observation Charts and Application; Observation and Assessment of the Player; How to Use Technology in Badminton: Technology usage in badminton, Material development for skill teaching, Scanning and following current development in badminton.

ANT379 Basketball III 2+2 4.0

Team Offensive and Defensive Systems: Man to man, Space, Combined, Match-ups, Defense variable types, Printed full court, $\frac{3}{4}$, $\frac{1}{2}$; Field defenses against this kind of defense and offensive philosophy; Five short, A Long four short, Three long two short, Four long one short, Understandings and drills of five long-player offensive and defensive systems; Free Games; Penalty Basketball; Playing at each Position; Transition in the game; Motion Offense; Flex Offense; Talent Identification and Orientation Phase in Basketball; Developing Coaching Philosophy in Basketball; Coaching Goals and Styles; Sports Psychology and Sports Pedagogy in Basketball; Development of Team Offense and Defense System; Planning and Periodization of Basketball Training Principles; Daily, Weekly, Monthly, Annual Training Planning; Planning of Training Principles According to the Age Groups; Analysis of Training Task and Purposes According to the Age Groups and Categories; Child Training and Adolescence Training.

ANT380 Basketball IV 2+2 4.0

Psychological Preparation for Competitions in Basketball Matches; Pre-Match, Halftime, Post-Match Speech; Usage of the Break; Substitutions; Players Coming from the Bench; Building Teamwork and Team Offensive System According to the Characteristics of the Players and Related Drills; Power Development; Strength, Speed, Endurance and Leap Development of the Force; Field and Performance Tests Used in Basketball; Biomechanics in Basketball: Technical evaluation of kinetics and kinematics in basketball; Basketball Statistics; Scouting and Game Analysis; Basketball Nutrition and Energy Systems; Nutrition Training Period and the Competition Period; Training and Game Management; Coach and Athlete Relationships; Coaches, Players and Referees Relations; Practical Experience in Refereeing; Current Training Methods in Basketball.

ANT381 Football III 2+2 4.0

Basic Movement and Coordination Training in Children; Importance of Warming in Football: Training warming, Match warming, Injury preventer warming; Motor and Physical Development Characteristics Between the Ages of 6-18; Development of Coordinative and Football Specific Technical Skills Between the Ages of 6-18 via Small Sided Games; Annual Training Periodization and Match Structure of the Ages of 6-18: Training Periods, Durations, Field size, Number of players; Total Training Amount in a Year; Long Term Planning According to Developmental Characteristics of 6-14 year-olds; Daily, Weekly, Monthly And Annual Periodization of Individuals Who are 14 years old and above; Training Periodization of Preparation, Competition and Transition Periods; Specific Training Methods Regarding Football; Techniques and Tactics of all Positions; Features of Modern Football; Physical and Physiological Requirements of Football; Football Specific Technical Skill Tests; Defining Training Load During Training; Using GPS and Heart Rate Watches.

ANT382 Football IV 2+2 4.0

The Importance of Small-Sided Games in Football; Variety and Training Purposes in Small-Sided Games; Contribution of Small-Sided Games to Offensive and Defensive Training Organization; Attacking Against Opponents Who Use a Deep and High Defensive Line; Features of Modern Football; Combined Training Variations in Football; Strength, Speed, Endurance, Agility, Quickness, Balance, Proprioceptive Trainings Combined with Technical and Tactical Training; Training Applications According to Players' position; Technology Usage in Football; Match Analyses; Scouting; Composing Training Drills; Periodization Software.

ANT383 Handball III 2+2 4.0

Talent Identification in Handball; Organization System and Contest Organization; Organizational System of I.V.E.F., E.V.E.F., T.V.E.F.; Offensive Systems in Handball; Performance-Based Programs; Nutrition; Training Programs and

Methods Based on Age Groups; Teaching Methods in Handball; Characteristics of Players; Defense Systems in Handball: Man to man defense, Zone defense, Combined defense, Multiplicity in defense, Defense Scarcity; Observation and Tests in Handball; Psychology of Handball Coach; Sports Psychology and Handball Game Analysis.

ANT384 Handball IV 2+2 4.0

Attack in Handball: Attack sets, Combinations, Attack sets in combined attacks, Fast break, Multiple offense, Rarity offense; Defense: Man to man defense, Zone defense, Combined defense; Scanning and Following New Developments; Developing and Planning Training Programs for Performance; Analyses and Comments in Handball; Technology Usage; Microteaching Applications; Developing Training Programs; Planning: Prerequisites, Aims, Teaching and learning techniques, Applications, Control and samples; Periodization: Delopment, Factors affecting periodization, Annual, Monthly, Weekly, Daily and Individual Assessment; Observation Types; Assessment of the Results; Obtained Results; Research and Program Development towards Advance of Handball.

ANT385 Table Tennis III 2+2 4.0

Instructional Principles in Table Tennis; Instructional Methods and Techniques; Talent Identification (Seeking, Choosing, Guiding and Tests); Personal Characteristics of Table Tennis Trainers and Players; Effects of Trainers on Players' Performance Before, After and Durng a Competition; Technical Development and Conditioning; Training Types: Strength, Speed, Agility and Coordination, Endurance; Biomechanics of Table Tennis; Periodization in Table Tennis for Performance Players; Nutrition; Single Training Drills; Determining Game Conditions According to Players Motoric Properties; Important Points During Offensive and Defensive Games; Analysing Rivals and Taking Precautions.

ANT386 Table Tennis IV 2+2 4.0

Development of Double and Mixed Game Drills; Improving Game Drills with Training; Determining Double and Mixed Players; Biomechanical Analysis; Special Sport Physiology; Technology Usage in Table Tennis; Ball Throwing Machine and Drills; Mental Drills in Table Tennis; Nutrition and Mental Preparation; Game Tactics; Offense, Block, Defense, Drills And Foot Work according to These Styles and Correction of Mistakes; Observation Charts for Players; How to use Observation Charts and Application; Observation and Assessment of the Player; Evaluation of Competition and Analysis.

ANT387 Rhythmic Gymnastics III 2+2 4.0

Basic Features of Ball Apparatus; Grip, Rolling, Jump, Rotation, Throwing and Catching; Combination of Basic Body Elements and the Apparatus; Requirements for Ball Apparatus and Preparing the Composition with Ball Apparatus; Basic Features of Tape Apparatus; The Combination of Tape Apparatus and Basic Body Elements; Composition Requirements for Tape Apparatus and Preparing the Composition with Tape; Basic Features of Cudgel Apparatus; Grip, Circles and Swings; Mill Throwing, Asymmetric Movements, Strikes; Combination of Cudgel Apparatus with Basic Body Elements; Composition Requirements for Cudgel Apparatus and Preparing the Composition with Cudgel Apparatus.

ANT388 Rhythmic Gymnastics IV 2+2 4.0

Stages: Preliminary Stage, Basic preparation stage, Athletic stage, Top level athletics stage; Parts of the Educational Process on Rhythmic Gymnastics and Athletic Gymnastics: Technical preparation, Physical preparation; Strength, Flexibility, Endurance, Psychological preparation, Tactic preparation, Choreographic preparation; Body-Dance Techniques and Apparatus Technique Composition Workout; Long Term Periodization; Annual Training Planning; Competition Training; Combinations of Dance; Preparing Compulsory and Free Styles; Prepare a Sample Composition with Apparatus.

ANT389 Tennis III 2+2 4.0

Technical Development and Power Enhancement in Tennis; Types of Training: Strength, Speed, Endurance and Coordination; Biomechanics of Tennis; Performance Training Programming; Nutrition; Explanation of Match Categories; Technical and Tactical Training; Age Groups; Starting Tennis; Operating Modes; Selection of Testing Applications; Types of Competition Categories: Single competitions, Double competitions, Mixed competitions; Training and Application Forms According to the Type of Competition; Tactical Training Drills; Training Based Groups Types in Different Age Groups; Implementation of Student Selection Tests; Implementation of Performance Tests According to Time.

ANT390 Tennis IV 2+2 4.0

Training Drills for Singles; Determination of the Game; Important Factors in Baseline and Service Volley Games; Determining Opponent's Game Style and Taking Precautions; Doubles and Mixed Game Drills; Improving These Skills by Training; Double and Mixed Player Types; Baseline and Service-Volley Training; Biomechanical Analysis; Special Sports Physiology; Using Technology; Implementation of Microteaching; Mental Tennis; Nutrition for the Match and Mental Preparation; Types of Game Tactics; Baseline Game; Required Feet and Body Training; Feet Training for the 1st and 2nd Volley and Stroke Areas; Methods of Preparing Observation Checklists According to Athlete Characteristics; Observation and Assessment of the Athletes; Evaluation and Analysis of Competition Observations.

ANT391 Volleyball III 2+2 4.0

Endurance in Volleyball; Flexibility in Volleyball; Coordinating Drills in Volleyball; Volleyball Player Types and Characteristics; Volleyball Game Systems: 3-3, 4-2, 5-1, 6-0 game systems; Setter Positioning in Back Court; Defense

Systems: Back court middle player inside and outside defence systems; Volleyball Match Analysis and Statistics; Complex Approach to Training in Volleyball; Nutrition in Volleyball; Mini Volleyball.

ANT392 Volleyball IV 2+2 4.0

Talent Identification in Volleyball; Training Plans in Volleyball: Annual, monthly, weekly, daily training programs in volleyball; Coach Types; Coach-Player Relationship; Coach-Referee Relationship; Coach-Manager Relationship; Match Management in Volleyball: Before, During and After the competition; Plyometric Training in Volleyball; Selection and Training of the Libero; Common Injuries and First Aid in Volleyball; Position Tricks; The Tests Used in Volleyball; Mental and Psychological Characteristics of Volleyball; Beach Volleyball.

ANT393 Swimming III 2+2 4.0

Energy Metabolism in Swimming; Effects of Swimming Training on Musculoskeletal, Circulatory and Respiratory Systems; Special Endurance Training for Swimming; Sprint Training Methods in Swimming; Swimming Flexibility Exercises; Land Training in Swimming; High-Altitude Training in Swimming; Swimming Performance Tests: Blood lactate test, Retest, The T30 test, Strength tests, Push tests, Cruise tests, Anaerobic capacity tests; Swimmers' Nutrition and Its Importance; Preventing Common Injuries in Swimming.

ANT394 Swimming IV 2+2 4.0

Planning and Periodization of Training in Swimming: Planning swimming training for 4 years, and Annual, Monthly, Weekly and daily plans, General preparation, Special preparation period, Competition period, Transition period; Importance of Technical, Tactical and Motivational Training; The Individualization of Seasonal Programs; Preparation of Annual and Monthly Sample Program; Sample Weekly and Daily Preparation Programs; Writing Sample Training Programs.

ANT395 Archery III 2+2 4.0

Archery Anatomy: Scapular joint, Gleno-humeral joint, Elbow, Wrist and finger joints; Kinesiology Analysis of Archery: Holding technique, Pushing technique, Drawing and full-draw techniques, Aiming technique, Release technique, Follow through technique; Archery Performance Evaluation: Qualitative approach; Archery Performance Evaluation Methods: Kinematic evaluation, Kinetic evaluation.

ANT396 Archery IV 2+2 4.0

Detection of Arm Length in Archery; Maintenance and Tuning of Archery Equipment: Selection and cutting of arrows, Recurve bow string, Compound bow string, Recurve bow pulling strength adjustment, Proper arrow selection to different types of bows, Height of nock, Sticking feathers, The height of nock, "Center Shot" adjustment, "Tiller" adjustment, Sight adjustment.

ANT401 Artistic Gymnastics I 1+4 4.0

Investigations and Practises to be the fundamentals of practicum lessons in Sport Clubs and Schools; Subjects of some investigations and Practicum; Exercises of asking questions in Technic and Tactic Trainings, Directing and controlling of a training, Using books on sport and health, Group works, Preparing and using worksheet, Preparing Daily, Weekly, Monthly and Annual Training programs, Registration of athletes and evaluating, Preparing performance tests and practice, Investigating youth trainings, Micro-teaching practices, Participating in Seminars.

ANT402 Artistic Gymnastics II 1+4 4.0

Gaining experience as a trainer in Sport Clubs and Schools; Working full-time or part time once a week in Sport Clubs and Schools, Preparation for training, Preparing training program and practices, Tests for athletes' performance and their applications, Preparing practice file, Using written sources and technology, Participating in Seminars.

ANT403 Track and Field I 1+4 4.0

Investigations and Practises to be the fundamentals of practicum lessons in Sport Clubs and Schools; Subjects of some investigations and Practicum; Exercises of asking questions in Technic and Tactic Trainings, Directing and controlling of a training, Using books on sport and health, Group works, Preparing and using worksheet, Preparing Daily, Weekly, Monthly and Annual Training programs, Registration of athletes and evaluating, Preparing performance tests and practice, Investigating youth trainings, Micro-teaching practices, Participating in Seminars.

ANT404 Track and Field II 1+4 4.0

Gaining experience as a trainer in Sport Clubs and Schools; Working full-time or part time once a week in Sport Clubs and Schools, Preparation for training, Preparing training program and practices, Tests for athletes' performance and their applications, Preparing practice file, Using written sources and technology, Participating in Seminars.

ANT405 Badminton I 1+4 4.0

Investigations and Practises to be the fundamentals of practicum lessons in Sport Clubs and Schools; Subjects of some investigations and Practicum; Exercises of asking questions in Technic and Tactic Trainings, Directing and controlling of a

and Annual Training programs, Registration of athletes and evaluating, Preparing performance tests and practice, Investigating youth trainings, Micro-teaching practices, Participating in Seminars.

ANT416 Rhythmic Gymnastics II 1+4 4.0

Gaining experience as a trainer in Sport Clubs and Schools; Working full-time or part time once a week in Sport Clubs and Schools, Preparation for training, Preparing training program and practices, Tests for athletes' performance and their applications, Preparing practice file, Using written sources and technology, Participating in Seminars.

ANT417 Tennis I 1+4 4.0

Investigations and Practises to be the fundamentals of practicum lessons in Sport Clubs and Schools; Subjects of some investigations and Practicum; Exercises of asking questions in Technic and Tactic Trainings, Directing and controlling of a training, Using books on sport and health, Group works, Preparing and using worksheet, Preparing Daily, Weekly, Monthly and Annual Training programs, Registration of athletes and evaluating, Preparing performance tests and practice, Investigating youth trainings, Micro-teaching practices, Participating in Seminars.

ANT418 Tennis II 1+4 4.0

Gaining experience as a trainer in Sport Clubs and Schools; Working full-time or part time once a week in Sport Clubs and Schools, Preparation for training, Preparing training program and practices, Tests for athletes' performance and their applications, Preparing practice file, Using written sources and technology, Participating in Seminars.

ANT419 Volleyball I 1+4 4.0

Investigations and Practises to be the fundamentals of practicum lessons in Sport Clubs and Schools; Subjects of some investigations and Practicum; Exercises of asking questions in Technic and Tactic Trainings, Directing and controlling of a training, Using books on sport and health, Group works, Preparing and using worksheet, Preparing Daily, Weekly, Monthly and Annual Training programs, Registration of athletes and evaluating, Preparing performance tests and practice, Investigating youth trainings, Micro-teaching practices, Participating in Seminars.

ANT420 Volleyball II 1+4 4.0

Gaining experience as a trainer in Sport Clubs and Schools; Working full-time or part time once a week in Sport Clubs and Schools, Preparation for training, Preparing training program and practices, Tests for athletes' performance and their applications, Preparing practice file, Using written sources and technology, Participating in Seminars.

ANT421 Swimming I 1+4 4.0

Investigations and Practises to be the fundamentals of practicum lessons in Sport Clubs and Schools; Subjects of some investigations and Practicum; Exercises of asking questions in Technic and Tactic Trainings, Directing and controlling of a training, Using books on sport and health, Group works, Preparing and using worksheet, Preparing Daily, Weekly, Monthly and Annual Training programs, Registration of athletes and evaluating, Preparing performance tests and practice, Investigating youth trainings, Micro-teaching practices, Participating in Seminars.

ANT422 Swimming II 1+4 4.0

Gaining experience as a trainer in Sport Clubs and Schools; Working full-time or part time once a week in Sport Clubs and Schools, Preparation for training, Preparing training program and practices, Tests for athletes' performance and their applications, Preparing practice file, Using written sources and technology, Participating in Seminars.

ANT448 Observation, Measurement and Assessment in Sport 3+0 3.0

Concepts of Observation, measurement, testing and evaluation: Concepts of Observation, measurement, testing and evaluation in sport; Methods of kinanthropometric measurement and evaluation: Methods of strength measurement and evaluation, Methods of speed measurement and evaluation, Methods of agility measurement and evaluation, Methods of endurance measurement and evaluation, Methods of range of motion measurement and evaluation, Methods of coordinative skills measurement and evaluation, The test batteries used in sports.

ANT449 Ergogenic Aids and Drugs in Sport 3+0 5.0

Basic Knowledge about Ergogenic Aid; Basic Knowledge about Using Ergogenic Aids; Classification of Ergogenic Aids; Allowed Substances, Partially Allowed Substances, Prohibited Substances; Basic Knowledge about Doping; Basic Knowledge about Using Doping; Classification of Doping; Different Doping Methods; Basic Knowledge about International Doping Offences and Punishments; International Anti-Doping Regulations, National Anti-Doping Regulations.

ANT451 Match Analysis 1+2 2.5

Basic Concepts and Definitions: Fundamentals of match analysis, Use of match analysis and its benefits, Observation and computerized match analysis; Match Recording: Video recording angle, Video extension, Video conversion; Use of Technology: Computer, Tablet computer, Smart phone; Match Analysis Methods: Physical, Technical, Tactical; Fields of

Use: Scouting, Individual analysis, Partial analysis, Team analysis; Stages of Match Analysis: Before the match, During the match, After the match.

ANT452 First Aid 1+2 4.0

Functioning Of The Human Metabolism And Systems: Disruptions occurring in the system, Things to do in the event of illness, Things to do in case of an accident or injury, First Aid Principles: The importance of first aid, Personal responsibilities related to first aid, Legal responsibilities related to first aid, Priorities in first aid, Awareness on first aid, Equipment used in first aid, First aid and time, Lifesaving, Human responsibilities in first aid, Proper first aid intervention, Preparation for expert team after first aid.

ANT453 Competition Analysis Methods 1+2 2.5

Basic Concepts and Definitions: Fundamentals of competition analysis, Use of competition analysis and its benefits, Observation and computerized competition analysis; Competition Recording: Video recording angle, Video extension, Video conversion; Use of Technology: Computer, Tablet computer, Smart phone; Competition Analysis Methods: Physical, Technical skill, Tactical; Basics of Biomechanics: Evaluation of human movement, Kinematics, Kinetics; Fields of Use: Scouting, Individual analysis; Stages of Competition Analysis: Before the match, During the match, After the match.

ANT454 Water Exercises for the Disabled 1+2 4.0

The meaning and importance of swimming for the disabled, Reasons for disability; varieties and classification, Mental retardation and swimming, hearing impairments and swimming, visual impairments and swimming, Orthopedic impairments and swimming, Effects of physical education and sport on the disabled, Laws about physical education and sport for the disabled, Sports federations for the disabled, Physical fitness testing for disabled athletes.

ANT455 Basic Strength Training and Conditioning 1+2 2.5

Concept and Applications in Training Sciences: Muscle physiology, Neuromuscular anatomy, Adaptation to conditioning, Biomechanics of resistance training, Cardiovascular anatomy and physiology, Respiratory anatomy and physiology; Physiological Adaptations to Anaerobic and Aerobic Training Programs; Age and Sex Related Differences in Resistance Training; Principles of Strength and Conditioning Tests: Warm-up and stretching, Resistance training and spotting; Aerobic and Anaerobic Exercise Program: Aerobic exercise training, Circuit training, Free weight techniques, Training with weight machine, Plyometric training, Speed, agility and speed endurance training.

ANT456 Life Coaching 2+0 4.0

Personal Training Method, Description and Features: Preliminary information, ParQ testing, Evaluation of health and sports performance, Postural analysis; Determination of Training technique: Planning specific exercise program; General Definitions: Fitness, Bodybuilding, Wellness, Sports performance; Personal Nutrition Program: Supplements (Nutritional supplement for athletes); Resistance trainings: Pilates, Reformer, Kinesis, Crossfit; Cardiovascular Workouts: Spinning, Zumba; Stretching Trainings: Dynamic, PNF.

ANT475 Testing and Evaluating the Sports Performance 2+2 3.0

Measurements and tests: Preparation, protection, calibration, preparing measurement form; Sports performance: Sports performance field tests, Sports performance laboratory tests; Practical tests: Anthropometric tests, Jumping tests, Physical and functional capacity tests, Endurance tests, Anaerobic power and capacity tests, Lactate test, Strength tests, Explosive strength tests, Anaerobic endurance tests, Aerobic endurance tests, Speed tests, Coordination tests, Flexibility tests, Agility-quickness tests, Balance tests, Reaction tests, Motion analysis tests, Game and match analysis tests; Test protocols for specific sports branches, norm values and statistics, assessment and interpretation of test results, Preparing personal and team training programs according to the test results.

ANT476 New Trends in Physical Fitness 1+2 4.0

Definition and importance of fitness; Terminology about fitness; Dynamics of fitness and methods; CRE (Cardio-Respiratory Endurance); Measurement methods of CRE and exercise models; Determining body composition and measurement methods; Balanced diet, weight control and calculation of energy consumption; Muscle strength and endurance measurement, methods and exercise models; Importance of flexibility, measurement methods and exercise models; Principles of fitness in male and female; Starting and continuing a fitness exercise programme; Fitness exercise programme management; Fitness exercise programme management (Leadership); Management of stress.

ANT477 Motion Analysis 2+2 4.0

Basic Principles of Biomechanics and Kinesiology; Concepts of Space and Dimension; Motions in x,y,z Dimensions; Muscles: General characteristics, Muscle dynamics, Motions performed by muscles and joints; Theoretical Approaches in Motion Analysis; Basic Concepts in Motion Analysis; Joint Marking; Image Recording; Image Matching; Calibration; Digitizing; Image Transforming; Filtering; Reporting; Motion Analysis in 2D; Motion Analysis in 3D; Motion Analysis Practices in Different Sport Branches.

- ANT478 Modular Sport Education 3+0 3.0**
 Sportive Leadership; Leader and Leadership; Leadership Types; Leadership Characteristics of Coaches; Scouting: Live player analyses, Post players analyses, Preparing reports; Grassroots Organizations for Clubs; Grassroots Organization Models of Turkish Football Federation; Youth Development Model of Clubs; Preparing Children for Professional Life within the Club Monitoring and Technical Medical and Professional Organization Structure by Providing the Skills and Motivation; Child Protection: Club action plan in sports, Code of conduct, Child abuse; Education in Sport; Effective Coaching for Youth Players; Cooperation between Coach and Referee and Game Rules Changes: Cooperation between a coach and referee during a match; Visual Presentation of Changed Rules.
- ANT479 Archery I 1+4 4.0**
 Investigations and Practises to be the Fundamentals of Practicum Lessons in Sport Clubs and Schools; Subjects of Some Investigations and Practicum; Exercises of Asking Questions in Technique and Tactic Trainings; Directing and Controlling a Training; Using Books on Sports and Health; Group Works; Preparing and Using Worksheets; Preparing Daily, Weekly, Monthly and Annual Training Programs; Registration of Athletes and Evaluating; Preparing Performance Tests and Practice; Investigating Youth Trainings; Microteaching Practices; Participating in Seminars.
- ANT480 Archery II 1+4 4.0**
 Gaining Experience as a Trainer in Sport Clubs and Schools; Working Full-Time or Part Time Once A Week in Sport Clubs and Schools; Preparation for Training; Preparing for Training Programs and Applications; Tests for Athletes' Performance and Their Applications; Preparing a Practice File; Using Written Sources and Technology; Participating in Seminars.
- ANT482 Cardiopulmonary Exercise Tests and Evaluation 1+2 5.0**
 Cardiopulmonary Exercise Tests and Evaluating Parameters; Cardiopulmonary Exercise Tests Applied on Cycle Ergometer and Treadmill; Maximal Oxygen Consumption; Aim of Test and Analysis; Stating it in the Article; Anaerobic Threshold; Analysis of the Data; Lactate Test, Aims, Importance and Results; Applied Test Protocol and Individual Differences towards Ergometers; Tests for Different Age Groups; Responses to Submaximal Exercise; Analysis of Oxygen Uptake Kinetics; Responses to Supramaximal Exercise Test; Oxygen Uptake Kinetics; Physiological Response of Body According to Exercise Intensity.
- ANT484 Exercise and Neural Adaptation 3+0 3.0**
 Neurological view to exercise; changes in muscle-nerve level, changes in cerebro-spinal level, Exercise and Adaptation mechanisms; Neural adaptation; Exercise and neurogenesis, angiogenesis; Exercise and Neuroplasticity; Neural adaptation in different exercise types; Electromyostimulation and neural adaptation; Disorders of neural adaptation mechanism; Effects of changes in nervous system on exercise and performance; Exercise-neurological disease relationship; The role of exercise in neurological diseases-Neurorehabilitation.
- ARY202 Research Techniques 3+0 5.0**
 Science: Definition of science, Scientific research, Technical approaches in scientific research; Research: Stages of a research, Types of research, Data collection techniques in research; Question: Definition of question, Types of question, Question forms in research, Preparation of the forms using computers; Analysis of the results: Evaluation of question forms using computer, Statistical analysis of the research results, Computer output of research results; Report writing; An Application of Research Planning.
- ARY204 Scientific Research Methods 2+0 3.0**
 Basic Concepts of Science and Their Analyses; What Is Science?; Functions of Science; Basic Principles of Science; What is Analysis?; Variations of Analysis; Basic Principles of Analysis; Basic Characteristics and Differences of Analysis in Social Sciences and Science, Qualitative and Quantitative Research Methods For Analysis; Models of Analysis; Means of Eliciting Feedback; Analysis of Feedback; Writing Reports; Utilization of Analysis Results.
- ARY403 Research Methods 2+0 4.0**
 Scientific Research and Other Scientific Activities: Conference, Symposium, Colloquium, Congress, Seminar, Panel, Summer School, Selection of the subject for Scientific Research; Methods of Knowledge-collection for Research Planning of Research; Experimental Set-up; Preparation of Scientific Books; Preparation of a Thesis, Preparation of Conference papers and Oral Presentation; Physical Measurement and Significant Numbers; Uncertainty; Sensitivity; Graphic Analysis; The method of Least Square Means and Correlation.
- BEÖ101 Introduction to Physical Education and Sport Sciences 3+0 4.0**
 Introduction to Physical Education and Sports Sciences; Basic Concepts of Physical Education and Sports; Philosophy of Physical Education; Future of Physical Education and Sports as a Profession; Basic principles of Different Approaches in Physical Education and Sports; Fundamentals of Success and Development in Sports; Sports Sciences and Performance.

BEÖ102	Life Fit	2+2 3.0
Sports and Exercise; Effects of Fitness in Human Health; Aerobic Exercises; Fitness Exercises; Psychological Problems; Stress and Sport; Weight Testing; Balanced Nutrition; Women and Exercises after Pregnancy; Aged People and Exercise Types; Activity Schedules Organized According to Age and Performance.		
BEÖ128	Mountain Biking	1+2 4.0
Basic Concepts on Cycling: Rules, Equipment, Technical riding drills, Mountain bike history; Mountain Bicycles features: Bike settings, Gears, Brakes, Cadence and chain settings, Helmets; Driving Techniques: High speed cornering, Low speed cornering, Climbing, Straight road use; Driving Planning: Area planning, Map using, Nutrition factor, Fluid intake; Group Driving: Group driving, Important elements, Group tips; Driving Recommendations: Conditions to be considered, First aid advice, Advice routes.		
BEÖ130	Gymnastics	1+2 4.0
Definition; Historical Development; Basic Postures; Lineups; Space Usage; Freelance Individual and Associated Movements; Individual and paired movements; Individual and paired movements with instrument; Rule; Information; Application; Observation; Error Detection and Instructional Information.		
BEÖ131	The Basics of Physical Education and Sports	2+0 2.0
Basic Concepts of Physical Education and Sports; Physical Education and Sports in Education and Training: Place, Function, Purposes, Philosophy, Relation to other sciences; The Future of Occupational Fields in Physical Education and Sports; Place and Function in Turkish Education and Sports Institutions.		
BEÖ132	Athletics	1+2 4.0
Definition; Historical Development; Classification; Basic Techniques of Running, Throwing and Skipping; Decathlon with Competition Rules and Skills; Rule, Knowledge, Practice, Observation, Error Detection and Instructional Information of Multiple Competitions like Heptathlon and Pentatlon.		
BEÖ133	Movement Training	2+2 3.0
Basic Movement Skills (Locomotion, Balancing, with Object Control and Combined Movements); Learning and Teaching by Applying Movement Concepts and Principles (Body Awareness, Spatial Awareness, Effort and Mobility Associations).		
BEÖ134	Handball	1+2 3.0
Handball: Definition, Historical Development, Basic postures, Basic movements, Strategies and tactics; Individual and Team Defence; Team Offense; Game Systems; Rule, Knowledge, Practice, Observation, Error Detection and Pedagogical Knowledge/Skills Teaching.		
BEÖ136	Volleyball	1+2 3.0
Volleyball: Definition, Historical Development, Basic postures, Basic movements, Strategies and tactics; Individual and Team Defence; Team Offense; Game Systems; Rule, Knowledge, Practice, Observation, Error Detection and Pedagogical Knowledge/Skills Teaching.		
BEÖ138	Basketball	1+2 3.0
Basketball: Definition, Historical Development, Basic postures, Basic movements, Strategies and tactics; Individual and Team Defence; Team Offense; Game Systems; Rule, Knowledge, Practice, Observation, Error Detection and Pedagogical Knowledge/Skills Teaching.		
BEÖ140	Football	1+2 3.0
Football: Definition, Historical Development, Basic postures, Basic movements, Strategies and tactics; Individual and Team Defence; Team Offense; Game Systems; Rule, Knowledge, Practice, Observation, Error Detection and Pedagogical Knowledge/Skills Teaching.		
BEÖ168	Mountaineering	1+2 4.0
Mountaineering in The World and Turkey; Trip Planning: Basic trip planning, Trip preparation checklist, Determining participants? physical condition, Planning route; Equipment: Equipment assessment, Clothing, Boots, The backpack, Sleeping equipment, Shelter, Cooking equipment; General Hiking and Camping Rules: General principles, Campsite selection, Dealing with waste; Travel in Nature: Maps and compass, Other navigation tools, Traveling in bear country; Safety and Emergency Procedures, First Aid and Emergency Care.		

- BEÖ170 Scouting and Camping 1+2 4.0**
 The Definition of Scouting; Generation and Development of Scouting on the World and in Turkey; Scouting Anthem; Scouting Uniform; Arming and Signal in Scouting; Scouting Equipments; Communication Techniques; Direction Finding; Kinds of Knots which are Used in Scouting; The Definition of Camping and Kinds of Camping; Camping Staffs; Camping Activities; Kinds of Fire and Cook Stone: Safe fire; Safe Water for Drinking; Using Map, Scrip, GPS When You Lost; Kinds of Shelter.
- BEÖ172 Canoe 1+2 4.0**
 Definition and History of Canoe Sport; Historical Development of Canoe Sport in Turkey and World; Centers of Canoe Races to Arrange in Turkey; Committees and Regulations; Introduce of Using Equipment; Characteristics of Shovel; Characteristics of Using Boats in Races; Rules of ICF; Categories of Canoe Races and Distance: Flat water, Slalom, Wild water, Marathon, Canoe sailing; Canoe Polo; Schedule and Races.
- BEÖ174 Orienteering 1+2 4.0**
 The Definition, Aim and Content of Orienteering Teaching Orienteering in Elementary Schools; The Necessities, Preparing and Practicing of Orienteering Education: The characteristics of international orienteering maps, Usage of orienteering scrip, Determination of racetrack for competition, The characteristics of field, IOF Racetrack preparing principles, The characteristics of control points, CLUE Cards and their characteristics, The definition of punching, Systems which are approval to IOF, Kinds of punch, The definition of sportident system; Orienteering competition, The characteristics of equipments and competitor, International competition rules and referee knowledge.
- BEÖ176 Trekking 1+2 4.0**
 The Definition of Trekking; The Essentials which Must Be Done Before Trekking, At The Time of Trekking, After Trekking; Trekking Equipments; Backpack and Essential Equipments in Backpack; The Characteristics of Clothes; The Characteristics of Shoes; Sleeping Bags: Their kinds and characteristics; The Characteristics of Mats; Tents: Their kinds and characteristics; The Methods of Direction Determination: Scrip, GPS, Pole star, Sun, Watch; The Problems According to Weather Conditions in Trekking.
- BEÖ178 Sailing 1+2 4.0**
 Definition and History of Sailing Sport; Historical Development of Sailing Sport on The World and in Turkey; Introduce of Using Equipment; Rules of ISAF; Sailing Boat Classifying in Olympic Categories: Finn, 470, Flying dutchman, Tornado, Star, Soling, Mistral olympic one design; Categories of Sailing Boats: Stable boats, Free boats, A lot of fuselage, Sail boards; Orsa; Apaz; Pupa; Sailing Tour; Sailing Race; Schedule and Races: Justice of participate to races, Rewards.
- BEÖ202 Knowledge About Training 3+0 4.0**
 Theory and Methodology in Training: Terminology; Basic Principles of Training; Specificity; Overload and Reversibility; Adaptation to Loading: Acute Adaptation, Chronic Adaptation and Over Compensation; Relationship between Loading and Heart Rate, Aerobic Loading and Anaerobic Loading; Theory and Methodology of Strength Development, Theory and Methodology of Speed Development, Theory and Methodology of Endurance Development, Theory and Methodology of Mobility Development.
- BEÖ205 Nutrition 3+0 4.5**
 Principles of Nutrition; Nutrition and Food; Importance of Nutrition in Physical Activities; Food; Food Types, Carbohydrates, Lipids, Proteins, Minerals, Vitamins; Nutrition; Effects of Nutrition on Physical Performance; Before Competition; Post Competition; During Competition; Importance of Athlete's Diet; Problems and Solutions; Diet for Athletes After Competition; Weight Control.
- BEÖ255 Basketball 1+2 4.0**
 Introduction and History of Basketball, Basic Postures in Basketball, Basic Movements of Basketball, Strategy and Tactics in Basketball, Individual and Team Defense in Basketball, Team Offence in Basketball, Gaming Systems in Basketball, Basketball Rules, Information and Application, Basketball Rules, Information and Application, Observation and Error Detection in Basketball, Observation and Error Detection in Basketball, Teaching Information / Skills Teaching at Basketball, Teaching Information / Skills Teaching at Basketball, Observation, Error Detection and Teaching Information / Skills Teaching in Basketball
- BEÖ257 Football 1+2 4.0**
 Football: Definition, Historical Development, Basic postures, Basic movements, Strategies and tactics; Individual and Team Defence; Team Offense; Game Systems; Rule, Knowledge, Practice, Observation, Error Detection and Teaching Information/Skills Teaching.
- BEÖ259 Volleyball 1+2 4.0**

Volleyball: Definition, Historical Development, Basic postures, Basic movements, Strategies and tactics; Individual and Team Defence; Team Offense; Game Systems; Rule, Knowledge, Practice, Observation, Error Detection and Teaching Information/Skills Teaching.

BEÖ261 Handball 1+2 4.0

Handball: Definition, Historical Development, Basic postures, Basic movements, Strategies and tactics; Individual and Team Defence; Team Offense; Game Systems; Rule, Knowledge, Practice, Observation, Error Detection and Teaching Information/Skills Teaching.

BEÖ302 Educational Games 2+2 5.0

Introduction Physical Education: Aims and objectives, Historical development; Selection and Teaching of Games; Effect of Games in Physical, Psycho-Motor, Social, Perceptual and Language Development; Classification of Educational Games; Games According to Their Practice; Placement; Teaching in Games; Games in Physical Education and Sport Education.

BEÖ304 Learning Skill in Sports 3+0 4.0

Neurological System of Skill Learning; Feedback in Skill Learning; Sensory and Motor Systems; Transfer of Skills; Motivation in Skill Learning.

BEÖ321 Sport Psychology 3+0 5.0

History of Sport Psychology; The Interest Fields of Sport Psychology and Duties of Sport Psychologist; Problem Solution Methods in Sport Psychology; Learning Theories in Sport Psychology; Teaching Psycho-motor Skills; Laban's Movement Theory, Basic Motor Skills, Personality in Sport Psychology; Anxiety, Stress, Conflict in Sport; Motivation in Sport; increasing Performance in Sport; Imagination; Determining the Target; Attention and Concentration; Group Dynamic in Sport; Leadership in Sport; Aggressiveness and Severity.

BEÖ363 Handball 1+2 3.0

Teaching the definition, history, basic postures, basic movements, strategies and tactics of the Handball, individual and team defense, team attack, game systems, rule, knowledge, application, observation, error detection and teaching knowledge / skills.

BEÖ365 Volleyball 1+2 3.0

History of volleyball , Basic stances, Basic movements, Strategy and tactics, Individual defense and Team defense, Team attack, knowledge of Rule, Practice, Observation, Error detection and teaching knowledge / Skill teaching

BEÖ367 Basketball 1+2 3.0

Introduction and History of Basketball, Basic Postures in Basketball, Basic Movements of Basketball, Strategy and Tactics in Basketball, Individual and Team Defense in Basketball, Team Offence in Basketball, Gaming Systems in Basketball, Basketball Rules, Information and Application, Basketball Rules, Information and Application, Observation and Error Detection in Basketball, Observation and Error Detection in Basketball, Teaching Information / Skills Teaching at Basketball, Teaching Information / Skills Teaching at Basketball, Observation, Error Detection and Teaching Information / Skills Teaching in Basketball

BEÖ371 Football 1+2 3.0

Historical development of football in Turkey and in the World, football pitch, equipment, and rules, stretching and warming-up in football, techniques in football; hitting the ball with inside of the foot, top of the foot and outside of the foot, instep, heading a ball, ball controls; dribbling; step-over, tactic; marking: player and area, using a stopping ball: direct, indirect, penalty, corner, throw-in, out, throw-off; goalkeeper: catching a ball, starting a game, spring and push, teaching principles and methods in football.

BEÖ382 Effective Communication Skills 3+0 3.0

Communication and Communication Process: Definition of communication, Communication process and its components, Classification of communication; Interpersonal Communication as a Communication Type: Why individuals communicate with each other, Nature of interpersonal communication, Factors to differentiate interpersonal communication from other communication types; Interpersonal Communication: Definition of interpersonal communication, Communication models, Components of interpersonal communication and their characteristics, Conflict in communication, Effective speaking and listening, Communication among student, teacher and parent.

BEÖ414 Motivation in Sports 3+0 4.0

Definition of Motivation; Incentive; Needs; Classification of Needs; Intrinsic and Extrinsic Motivation; Effective Leadership and Role of Motivation in Physical Education and Sports; Success Motivation Theory; Motivation Strategies for Teams and Athletes.

BEÖ421 Groups Dynamics in Sport and Leadership 3+0 4.0

Basic Concepts in Leadership and Group Dynamics; Group, Personality, Team Unity, Group Dynamics, Relation Between Group Dynamic and Performance; Factors which Effect Group Dynamic, Group Norms and Communication Channels, Group Productivity in Group, Out of Group Relations, Team Culture and Leadership in Sports; Trainer as a Leader: Trainer Types, Trainer Behavior in Establishing Group Dynamics.

BEÖ425 Sports Tourism 3+0 4.0

Sport and Tourism; Developing Sports Tourism; Tourism and Tourist; Purpose; Sport Activities; Animation; Information, Work Opportunities; Sport Tourism in Turkey; Rafting, Tracking, Paragliding, Skiing, Horsemanship, Cycling, Water sports; Surfing in Turkey.

BEÖ459 Physical Education and Sports for Disabled 1+2 4.0

Effects of Physical Education for the Disabled; Causes Disabilities and Types of Physical Challenges; Physical Education for Mentally, Visually, Hearing Disabled and Orthopedic Children and Adults; The Affects of Physical Education on Disabled; Legal Regulations for Physical Education of the Disabled; Federation of the Disabled Persons; Sport for the Disabled; Special Olympics.

BiL105 Information Technologies 3+0 5.0

Information Technologies and Information-Operational Thinking; Problem Solving Concepts and Approaches; Algorithm and Flow Charts; Computer Systems; Basic Concepts about Software and Hardware; Principles of Operating Systems: Current operating systems; File Management; Utilities (Third Party Software); Word Processing Programs; Calculation / Table / Graphic Programs; Presentation Programs; Desktop Publishing; Database Management Systems; Web designing; Internet Usage in Education; Communication and Collaboration Technologies; Safe Internet Usage; Information Ethics and Copyrights; Effects of Computer and Internet on Children / Young People.

BiL178 Computer-Aided Design and Presentation Techniques 2+0 3.0

Types of Presentation: Instructional purpose, Persuasive presentations, Special-Purpose; Computer-Aided Presentation Software: Microsoft Power Point, Prezi; Effective Presentation Techniques: Visuality, Fitness for purpose, Simplicity, Coloring, To draw attention, Efective voice usage; Microsoft Power Point, Microsoft Publisher and Adobe Photoshop Usage for Virtual Presentations: Make a poster presentation, Make a signboard and a leaflet for any activity.

BiL215 Computer-Aided Design I 3+0 4.0

Basic Concepts about Computers: Technology and Science; Importance of Computers in Modern Life; Using Computers: Creating Files, Saving Files; Designing Software of Visual and Aesthetic Value; Different Font Types, Typographical Arrangement, Designing Posters, Logos, Book Covers etc.; Vector Based Drawing and Visual Processing Programs: Adobe Illustrator, Freehand, Adobe PhotoShop, Painter, Graphic Converter.

BiL216 Computer-Aided Design I 3+0 4.0

What is WWW?; What is HTML?; Preparation of HTML pages; File and Additives; Image Formats; Font using; Software, Main Page, Palette, Control panels, Toolbox, Site window; First Page; Caption; Guide; Text; Image; Color Palette; Background Color and Images; Contacts; Preview; Browser; Contact controls; Loading a Website to Servers; Visual Web Processing Programs: Flash, Go Live, Adobe Dreamweaver.

BiY133 Sports Biology 2+0 4.0

Cell; Cell classification: The eukaryotic cell, The prokaryotic cell, Molecules making up the cell: Organic molecules, Inorganic molecules, Cell structure: Cell organelles and their functions, Tissue and Organs, Systems: Nervous system, Endocrine system, Skeletal system, Muscular system, Digestive and Excretory System, Circulation system, Immune system, Respiratory system, Sensory organs.

BRİ101 Bridge 2+0 3.0

Introduction to Bridge; History; Basic Concepts; Bidding; Play; Hand Evaluation; Point Count; Opening Bids; Bidding Goals; Responses to one No-trump; More on Point Count; Responses to one of a Suit; Rebids by Opener; Declarer Play; Overcalls; Takeout Doubles; Two Club Opening; Weak Bids; No-Trump Structure; The Stayman Convention; Minor Suit Responses; Bidding after a Raise; Slam Bidding; Defensive Play.

ESTÜ101 Introduction to University Life 0+1 2.0

Orientation: Concept of university and understanding of university, General information about Eskisehir, Education and student discipline regulations, Ethics at the university, National and international exchange programs, General services of university, Faculty/department orientations; Self-improvement seminars: Research projects, Entrepreneurship, Respect to diversity, Social gender, Leisure philosophy, Zero waste and sustainability, Career planning and mind mapping, Scientific thinking and observation, Barrier - free living, Carbon footprint, Start-up practices, Project based internship.

ESTÜ104 Academic and Life Skills 2+1 3.0

Self-Awareness: Development of self, Early adulthood and self-concept; Values and Goals: Goal setting, Concrete goals and priorities. Considering resources; Effective time Management: Management and planning Definition of Stress; Psychological and Physiological Aspects of Stress; Emotions, Cognitive processes; Coping with Stress. Definition of Stress; Psychological and Physiological Aspects of Stress; Emotions, Cognitive processes; Coping with Stress.

ESTÜ106 Proje Yönetimi 2+1 3.0

Project Management Fundamentals: Definition of project; Human Resources and Communication Management; Quality Management in Projects; Procurement Planning in Projects; Stakeholders Management; Gantt Chart; Causality Relationship Between Activities; SWOT Analysis; Planning of Risk Management in Projects; Project Compression Analysis and Cost Management; Project Resources and Resource Scheduling; Project Monitoring with Earned Value Management; Control and Progress in Line with the Objective of the Projects; R&D Sample Projects; Project Practices.

ESTÜ107 Flute 2+1 3.0

ESTÜ109 Piano 2+1 3.0

ESTÜ110 Guitar 2+1 3.0

ESTÜ111 Volunteering Works 1+2 4.0

Management and Organization Concepts; The Concept of Volunteering and Volunteer Management; Fundamental Volunteering Areas (Disaster and Emergency, Environment, Education and Culture, Sports, Health and Social Services etc.); Project Development Related to Volunteer Work and Participation in Volunteer Work in the Field; Ethics, Moral, Religious, Traditional Values and Principles in Volunteer Work; Participation in Voluntary Work in Public Institutions, Local Governments and Non Government Organizations (NGOs); Risk Groups in Society and Volunteering; Immigrants and Volunteering.

ESTÜ119 Flute 3+1 3.0

Breath Work: Breathing exercises the diaphragm and correctly use various activation studies; Technical Studies: Stance, Grip, Position, Fingering and embouchure work; Learning the Notes on the Flute: Learning the notes on the flute with octaves, The octave positions of the lip according to the study, A long blowing sound with learned notes; Technical Development; Proper Studies to be Determined by Instructor According to Student's Performance on the Scales: With learned notes, Sharp, Flat, Major and Minor, According to the ranking exercises scales; Flute Repertoire in the Context of Period, Style and interpretation: Selected works according to student performance from periods in music history.

ESTÜ120 Solfege 3+1 3.0

Octave of the Tone to be Specified According to The Groups; The Signs Used in Writing Music; Signs Spelling Rules; Staff and Additional Lines; Arrays and Intervals; Major and Minor Scales, Intervals, and Varieties: Natural, Harmonic, Melodic; Measure and Time; The Terms of the Transaction; Marks of Dynamics; The Expression of Terms; According to Student Level and Profile to be Created Reading Pieces by the Teacher; Reading with Piano Accompaniment; Rhythmic Perception and Rhythmic Reading, and Only Two Voice Dictation Skills; to be Able to Read on Different Keys, to be Able to Read Complex Rhythmic Pieces with Piano Accompaniment Two, Three, Four-Voices Dictation Skills; Ability to Read Ceremonial Solfege, Atonal Solfege.

ESTÜ121 Piano 3+1 3.0

Starting Position on the Piano: By taking into consideration to correct position of hands, Arms, Fingers, And feet; Technical Development Exercises: Etudes, Scales, Chords and arpeggios studies; Techniques of Touching Piano Keyboard, Staccato, Legato, Non Legato; Information About Dynamics; Working with Learning Notes and Octaves: One hand and double hand into small pieces-small parts; Style and in the Context of Your Comment Piano Repertoire: Baroque, Classical, Romantic, And modern Turkish composers will be given according to the performance of student works.

- FRA256 (Fra) French II** **3+0 4.0**
 Language functions: Imperatives and wishes; Evaluation, Proving and Thanking; Vocabulary: Nourishment, Accommodation, Clothing and colors, Bairams and activities; Ordinal Numbers; Grammar: Expressions showing quantity, Demonstrative and Possessive Adjectives, Prepositions and Time indicators, Stressed personal pronouns: Imperative moods, Verbs with double pronouns; Learning about Target Culture: An Area in France: La Bourgogne; Pronunciation: Intonation, Semi-Vowels, Gliding.
- HUK151 Fundamental Concepts of Law** **3+0 4.5**
 Rules of Social Order and the Law; Rules of Law and Sanctions; Sources of Law; Statutes, Regulations, By-laws; Types of Legal Rules; Precedent Law; Turkish Judicial Systems; Branches Law: Public law; Private Law; Branches of Private Law; Branches of Public Law; Implementation and interpretation of Law; Concept of Legal Relationship and the Parties; Concept and Types of Rights; Persons: Real Persons, Legal Persons; Acquiring, Losing and Protection of Rights.
- HUK421 Sport Law** **2+0 2.0**
 History of Sport Law, Sources, Work Law at Sport and Practice Areas, Penalty Law at Sport, Disapproval's, Agreement and Professional Soccer Clubs at Sport and Athlete Regulation.
- iKT101 Introduction to Economics I** **3+0 5.0**
 Basic Concepts: Economic activity, Economics as a science; Methodology and Systematic; Production Process: Factors of production; Productivity laws, Types of enterprises; Introduction to Price Theory: Value and utility, Optimal consumer behavior, Demand functions, Various types of demand elasticity; Supply: Cost and revenue functions, Market equilibrium, Determination of the supply curve; Demand and supply; Equilibrium Price and its Functions; Pricing Policies and Market Types; Determination of Equilibrium Price in Perfect Competition; Equilibrium in Monopoly; Imperfect Competition and Price Determination: Rent, Wages, Interest and entrepreneurial income. Basic Concepts: Economic activity, Economics as a science; Methodology and Systematic; Production Process: Factors of production; Productivity laws, Types of enterprises; Introduction to Price Theory: Value and utility, Optimal consumer behavior, Demand functions, Various types of demand elasticity; Supply: Cost and revenue functions, Market equilibrium, Determination of the supply curve; Demand and supply; Equilibrium Price and its Functions; Pricing Policies and Market Types; Determination of Equilibrium Price in Perfect Competition; Equilibrium in Monopoly; Imperfect Competition and Price Determination: Rent, Wages, Interest and entrepreneurial income.
- iKT102 Introduction to Economics II** **3+0 5.0**
 National Income Accounting and National Product: Economic Equilibrium, Various Ways of Presenting Macroeconomic Relationships, Nominal and Real National Income; Introduction to Monetary Theory: Theories Describing the Value of Money, Calculation of Purchasing Power, Inflation, International Economic Equilibrium (Exchange Rates), Primary Tools of the Monetary Theory; Factors Determining Business Cycles and National Income: Introduction to Business Cycles Theories, Consumption Expenditures, investment Expenditures, Employment; International Economic Relations: International Mobility of Goods and Services, International Mobility of Factors of Production; Economic Growth and Development. National Income Accounting and National Product: Economic Equilibrium, Various Ways of Presenting Macroeconomic Relationships, Nominal and Real National Income; Introduction to Monetary Theory: Theories Describing the Value of Money, Calculation of Purchasing Power, Inflation, International Economic Equilibrium (Exchange Rates), Primary Tools of the Monetary Theory; Factors Determining Business Cycles and National Income: Introduction to Business Cycles Theories, Consumption Expenditures, investment Expenditures, Employment; International Economic Relations: International Mobility of Goods and Services, International Mobility of Factors of Production; Economic Growth and Development.
- iKT421 Economy of Turkey** **2+0 3.0**
 The Place of Turkish Economy in World Economy; National Income and Income Distribution in Turkey; Developments of Public Finance in Turkey; Government Debt in Turkey; Sectoral Developments in Turkey: Agriculture, Industry, Energy, Service; Inflation in Turkey; Structural Stability Policies in Turkish Economy; A General Evaluation of International Trade Policies; Relations with EU; Policies Concerning Foreign Capital.
- iLT101 Communication I** **3+0 4.5**
 Defining Communication; Process of Communication and Its Elements (Source, Message, Channel, Receiver, Encoding-Decoding, Cycle of Reference, Feed-Back, Noise, Feed-Forward and Selective Perception); System Approach to the Process of Communication; Communication Types; Communication Models in General; Defining Mass Communication and Its Process; interpersonal Communication versus Mass Communication; Comparing Mass Media and Their Impacts; Mass Communication Theories in General and Contemporary Theoretical Studies.
- iLT311 Interview Method and Techniques** **3+0 3.0**
 Basic Concepts in Communication, Verbal and non-verbal communication, Place and importance of interview in communications, Types of interviews/interviews in social service applications, Interviewing with different groups, Ability

to ask questions in interviews, Features that experts should carry in the interview process, Institutional foundations of interviews, Steps, Record keeping and reporting, Interviewing in special situations, Ethical principles in interview.

iLT354 Children and Communication 3+0 4.5
Children in communication; Directed child, Child who can be criticized; Parental filters; Communication levels; Use of mass media by children: Television, Child magazines, Radio, Cinema; How mass media use children: Principles, policies, Negotiation for children, Planning and research, Negotiation, Post negotiation, Working with children, Rights of children.

iLT362 Social Gender Differences in Communication 3+0 4.5
Definition of social gender; Formation of social gender in childhood and adolescence; Social gender differences in non-verbal communication; Social gender differences in conflict; Differences experienced in business life, man-woman discrimination in the use of technology; Communication disorders, conflict in social sexual identity; Discussion on homosexuality; Reflections of the social sexual identity in media.

iLT366 Presentation Techniques 3+0 5.0
Effective Presentation Process; Presentation Preparation; Brainstorming; Writing Objectives; Developing Meaningful Sentences; Providing Exercises that Ensure Student Involvement; Determining Presentation Time; Determining Presentation Plan; Providing a Start that Ensures Attention; Effective Closure; Common Mistakes Made in Presentations; Preparing Visual Materials Using Computers; Presentation Software; Introduction to PowerPoint; Visual Literacy Rules; Roles of Visual Materials in Presentation Process; Developing Visual Materials; Visual and Verbal Elements; Placement; Composition; Balance, Style and Color.

iLT370 New Approaches in Management 3+0 6.5
Paradigm Changes in Management; System Approach; Organization Culture; Reconstruction; Total Quality Management; Team Work and Organization; Learning Organization; E-Business.

iLT419 Body Language and Diction 2+0 5.0
Research on Body Language and Concepts of Body Language; Face-to-Face Relations; Relation between Human and Society; Relation between Body and Objects; Relation between Body and Space; Orientation Exercises; Diction Exercises: Intonation, Stress, Articulation; Use of Voice: Control of sound volume, tone color and breath; Speech Control; Movements of Head and Eyes; Facial Expressions; Use of Hands and Arms; Use of Feet and Legs; Harmony in Body Use; Relation between Speech and Body Use; Harmonious Use of Body, Space and Objects.

iLT477 Public Relations and Communication on Recreation 2+0 3.0
Communication Types and Tools in Organizations; Communication Process and Human Communications; The Concept of Public Relations: Definition, Concept, Practice area; Public Relations Mix: Publicity, Corporate advertising, press agency, Activities for the public weal, Lobbying, Management consulting; Research on Public Relations; Public Relation in Organizations; Communication on Public Relations; The Management Process of Public Relations: Definition of problems, Situation analysis; The Case Studies of Public Relation in Recreation.

iNG183 (Eng) English I 2+0 3.0
Present Tense; Simple Present Tense; Skills of Verbal, Reading, Writing and Listening in These Times; Verbal Abilities (Introducing Oneself, Describing a Place, Vowing a Way, Questions and Answers Patterns for Personal Information); Reading Skills (Listings at Shopping Centers, Reading Labels, Asking Questions, etc. in Lorries, Buses, Trains, etc.); Writing Skills (Short Message Writing, Poster Content Writing, Form Filling); Listening Skills (Directions, Place/Contact, etc.).

iNG184 (Eng) English II 2+0 3.0
Past tense; Future Tense; Modals (Can, Could, May, Must etc.); In these Times and Modals: Speaking, Reading, Writing, Listening skills; Verbal skills (Asking questions in Restaurants and Restaurants, Ordering Food, etc.); Reading Skills (Internet Weather Reports, Recipe, Poster / Poster Texts etc); Writing Skills (Writing Short Messages, Writing Directions, E-Mail / Invitation Writing, etc.); Listening Skills (Weather Report, Recipe, etc.).

iNG187 (Eng) English I 3+0 3.0
Using Personal Pronouns and Possessive Adjectives; Using to be in Present Tense; Using Singular and Plural Nouns; Using Basic Language Related to Food and Drink; Using "There is-there are" in sentences; Using "have got"; Asking "yes-no" Questions and Giving Short Answers to Them; Talking about Daily and Weekly Routines; Talking about Likes and Dislikes; Talking about Sports and Hobbies; Talking about Abilities by Using "can", "can't"; Using Adjectives that Describe People; Talking about Appearance, Personality and Feelings of People; Talking about Clothes and Colours; Talking about Shopping and Prices; Using Present Continuous Tense.

iNG188 (Eng) English II 3+0 3.0
Using Simple Present Tense; Comparing Simple Present and Present Continuous Tenses; Using Prepositions of Time and Place; Giving Directions, Making Reservations; Using "to be" in Past Tense; Using Regular and Irregular Verbs in Simple Past Tense; Using Comparative and Superlative Form of Adjectives; Using Modals to Give Advice; Suggestions and Obligations; Using Future Tense: Making Sentences Using "going to" and "will"; Using If Clauses Type 0 and 1.

iNG225 (Eng) Academic English I 3+0 3.0
Reading Skills for Academic Study: Understanding key vocabulary, Getting the gist of the text, Skimming and scanning, Understanding text organization, Developing basic vocabulary knowledge; Listening Skills for Academic Study: Listening for main idea, Listening for detailed information, Listening to short daily conversations, Listening for key ideas; Speaking Skills for Academic Study: Introducing oneself, Maintaining everyday conversations, Giving descriptions of events, Asking and answering questions; Writing Skills for Academic Study: Writing simple sentences, Writing notes, Writing basic descriptions of events, Writing informal letters.

iNG226 (Eng) Academic English II 3+0 3.0
Reading Skills for Academic Study: Exposure to simple academic texts, Developing reading fluency, Identifying text type, Improving academic vocabulary knowledge, Distinguishing key ideas from supporting details; Listening Skills for Academic Study: Distinguishing main idea from the detailed information, Listening to short texts on different topics, Noticing intonation; Speaking Skills for Academic Study: Asking for information, Giving detailed information on relevant topics, Asking for and giving directions; Writing Skills for Academic Study: Writing simple and compound sentences, Writing simple biographies, Writing brief reports, Writing short paragraphs.

iNG325 (Eng) Academic English III 3+0 3.0
Reading Skills for Academic Study: Developing reading fluency, Adapting reading style to different text types, Practicing critical reading skills; Listening Skills for Academic Study: Listening to longer texts, Listening to short authentic texts, Recognizing stress and intonation; Speaking Skills for Academic Study: Asking for clarification, Asking for confirmation, Giving reasons and explanations, Giving short presentations on familiar topics; Writing Skills for Academic Study: Identifying different styles of paragraphs, Paraphrasing ideas in short texts, writing academic paragraphs, Writing formal and informal academic texts, Writing summaries.

iNG326 (Eng) Academic English IV 3+0 3.0
Reading Skills for Academic Study: Adjusting speed and reading style to different genres and tasks, Reviewing and analyzing material, Focusing on critical reading skills, Recognizing biases in written works; Listening skills for academic study: Listening to longer authentic texts, Taking notes, Distinguishing facts from opinions, Drawing inferences; Speaking Skills for Academic Study: Participating in group discussions, Expanding opinions, Giving longer presentations on familiar topics; Writing skills for academic study: Expressing opinions in well-organized academic essays, paraphrasing ideas in texts, writing summaries of longer texts.

iNG425 (Eng) Academic English V 3+0 3.0
Reading Skills for Academic Study: Analyzing texts, Drawing conclusions and identifying implied meaning, Developing the vocabulary in the field of study; Listening Skills for Academic Study: Drawing inferences from the theme, Taking notes during a lecture, Interpreting what is heard, Following lectures on familiar topics; Speaking Skills for Academic Study: Participating in discussions, Summarizing, Interviewing, Applying turn-taking rules, Giving presentations on a variety of topics, Commenting on classmates presentations; Writing Skills for Academic Study: Writing various forms of academic writing, Building effective arguments using evidence.

iNG426 (Eng) Academic English VI 3+0 3.0
Reading Skills for Academic Study: Drawing conclusions based on the information in the text, Comparing and contrasting main ideas, Summarizing extracts from various sources, Evaluating information; Listening Skills for Academic Study: Following lectures, Synthesizing, Evaluating and transferring what was heard; Speaking Skills for Academic Study: Participating in discussions, Justifying point of view, Using strategies to achieve comprehension, Carrying out interviews, Summarizing discussions, Giving longer presentations on academic topics; Writing Skills for Academic Study: Writing well-researched essays and reports, Writing commentaries.

iSN315 Public Relations 2+0 3.0
Definition of Public Relations; Historical Development of Public Relations; Professionalism and Fundamental Principles in Public Relations; Organization of Public Relations Activities; Institutional Public Relations; Research in Public Relations; Campaign Planning in Public Relations; Applications in Public Relations; Evaluation in Public Relations; Mass Communication Materials Used in Public Relations and Media Relations; Case Studies.

- iSP157 (Spa) Spanish I 3+0 4.0**
Linguistic Functions: Meeting, Greeting, Saying goodbye, Introducing oneself; Spanish Alphabet; Pronunciation and Phonetics; Grammar: Simple present forms of verbs, Definite and indefinite articles, Gender and number in pronouns and adjectives, Use and conjugation of ? ser? and ?estar? auxiliaries, Regular and irregular conjugations of first, Second and third type verbs, Talking about hobbies and habits; Vocabulary: Jobs, Nationalities, Describing humans psychologically and physically, Months, Days, Hours, Number and ordinal numbers, Giving directions, Family; Oral and Written Exercises.
- iSP258 (Spa) Spanish II 3+0 4.0**
Linguistic Functions: Meeting, Greeting, Saying goodbye, Descriptions of people and place, Asking for information and giving information, Making an appointment, Phone dialogues, Talking about habits, Requests, Asking for permissions and prohibitions; Grammar: Regular and irregular use of first, Second and third verb groups, The verb of ?ir? and its use in the future tense, Making plans and suggestions, Preferences, Imperative sentences to be used in different situations, Reflexive verbs, Possessive adjectives, Prepositions, Adverbs, Present continuous tense, Gerunds, Obligation and necessity modals; Question Forms: Questions asking habits and making dialogue; Vocabulary: Words used in public places like restaurants, Bars, Shops, Etc., Oral and written exercises.
- iST317 Statistics 2+0 2.5**
Definition of Statistics: Fundamental concepts in statistics, Data collection techniques, Classification of data, Frequency distributions; Graphs; Averages; Means; Variability: Range, Standard deviation, Moments; Normal Distribution: Normal distribution function, Calculation of the area under the normal curve; Sampling Theory; Indexes: Types of indexes.
- işL102 Management and Organization 3+0 4.0**
Management: Definition, Significance of Management for Business Enterprises; Development of Management Science: Classical, Behavioral and Modern Theories; Management Systems; Decision Making and Planning; Concepts of Authority and Power: Characteristics of Authority and Power, Delegation of Authority; Organization: Characteristics and Principles; Comparison of Organization and Planning Processes; Departmentalization; Staffing: Fundamentals, Staffing Process; Leading: Fundamentals, Leading Process; Organizational Structures: Development and Varieties of Organizational Structures; Controlling: Fundamentals and Controlling Process.
- işL203 Business Law 3+0 4.0**
Social Life, Social Order and Law; Sources of Positive Law; Branches of Law; Legal Relations and the Concept of Rights; Concept of Obligation; Sources of Obligations; Concepts of Commercial Enterprise and Merchant; Business Associations; Negotiable Instruments; Competition Law Protection; Consumer.
- işL204 Business Planning 2+0 3.0**
Basic Concepts of Business; Goals and Varieties of Business; Planning of Basic Concepts: Business enterprises; Analyzing of Business Market in Turkey; Structure of Employing; Problems of Employing; Methods of Business Planning; Planning Tools; Employing; Finding, Election, Personnel training, Methods, Principles and evaluation.
- işL301 Human Resources Management 3+0 4.0**
Human Resources Management: Development, Goals and Principles; Functions of Human Resources Management: Human resources planning; Recruitment, Performance Appraisal, Training, Orientation and Development; Wage and Salary Administration; Career Management; International Human Resources Management; Technology in Human Resources Management. Human Resources Management: Development, Goals and Principles; Functions of Human Resources Management: Human resources planning; Recruitment, Performance Appraisal, Training, Orientation and Development; Wage and Salary Administration; Career Management; International Human Resources Management; Technology in Human Resources Management.
- işL307 Management Information Systems 2+0 3.0**
Concept of Information Systems: Classifications of Information Systems; Information Systems in Business Management: End User Information Systems, office Automation Systems, Electronic Communication Systems, Electronic Meeting Systems, Electronic Printing Systems, Process of Image Systems; Business Information Systems: Marketing Information System, Production Information System, Human Resource Information System, Accounting Information System, Financial Information System; Decision Support Systems: Models of Decision Support Systems, Executive Information System, Artificial Intelligence, Expert Systems; Global Dimensions: Global Data, Security and Ethic Problems in Information Systems, Computer offenses.
- işL352 Organizational Communication 2+0 3.0**
Definition and Significance of Organizational Communication; Functions of Organizational Communication; Organizational Communication Process; Channels of Organizational Communication; Communication Methods and Tools in Organizations: Organizational Communication and Managerial Function; Organizational Culture and Communication; Barriers to Organizational Communication; Developing Methods of Organizational Communication.

işL405 Capital Markets 3+0 4.5
Financial Markets: Basic Types of Financial Markets, Operations in a Capital Market, Intermediaries, Mutual Funds, Investment Companies; Financial Instruments; Instruments in Money Markets, Instruments in Capital Markets, Istanbul Stock Exchange; Equity Market, Bond Market; Clearing and Maintenance for Stocks; Default; Quotation: Quotation Systems; Concept of Risk; Calculation of Return.

işL421 Entrepreneurship 2+0 3.0
Importance and Evolution of Entrepreneurship: Entrepreneurship within the framework of Manager, Concepts of Entrepreneur, Employer, Boss and Investor; Leadership in Entrepreneurship and Importance of Management Characteristics; Characteristics of Entrepreneurship; Changing Views of Entrepreneurship; General Evaluation of Entrepreneurship in Turkey: Change and Entrepreneurship; Entrepreneurship before and after the Republic; Female Entrepreneurs.

işL452 Problem Solving Techniques in Management 3+0 4.0
Problem Solving Techniques; Total Quality Management; Traditional and Recent Understanding of Quality; Competitive Quality Approach; Consumer Based Quality; Improvement Projects Teams; Circle of Deeming; Kaizen; Description and Degrees of the Problem; Brainstorming; Cause and Effect Diagram; Data Collection Techniques; Grouping; Histogram; Correlation Diagram and Its Analysis; DAADI Technique (Listening, Understating, Determining Goals, Supporting, Monitoring); individualized Proposal Systems.

İTA255 (İta) Italian I 3+0 4.0
Sounds in Italian; Masculine and Feminine Definite Articles; Personal and Demonstrative Pronouns; Use and Conjugation of Verbs 'Essere?' and 'Avere?'; Introducing Oneself; Improving Reading Comprehension by means of Dialogs ; Describing People ; Days ; Months ; Years ; Asking the Time ; Ordinal and Cardinal Numbers.

İTA256 (İta) Italian II 3+0 4.0
Simple and Compound Prepositions; Past Tense and Conjugation of Verbs in this Tense; Transitive and Intransitive Verbs in Past Tense; Improving Reading Skills; Analyzing Paragraphs and Texts; Interrogatives: Asking Questions; Introduction to Italian Culture and Daily Language.

KİM138 Sports Biochemistry 2+0 4.0
Molecules: Proteins, Carbohydrates, Lipids and nucleic acids, Energy metabolism; Concept of Bioenergetics: Oxidation and reduction reactions, Energy formation: ATP molecules, Aerobic and anaerobic energy metabolism, Electron transport chain and oxidative phosphorylation, Exercise and protein metabolism, Exercise and carbohydrate metabolism, Exercise and lipid metabolism, Exercise and nucleic acid metabolism.

MAT157 Basic Mathematics I 2+0 3.0
Definition of Mathematics; Nature and Structure of Mathematics; Sets and Operations (intersection, Unification, Containment, Difference, Etc.); Addition, Subscription, Multiplication, Division; Kinds of Counting Systems; Structure and Features of integers (Dividable, Remained Divisions, Etc.); Concept of Fraction and Concept of Rational Number; Four Operations in Rational Numbers; concept of Real Number; Set of Real Numbers and Operations in Real Numbers (Root, Power, Etc).

MAT158 Basic Mathematics II 2+0 4.0
Concept of Equation: First and Second Degree one and Two Unknown Equations; Simple Operations of Finding Factors; Concepts Relation of and Functions and Examples of Them; Concept of Double Operation and Examples; Graphics of First and second Degree one Variable Equations; Basic Geometric Knowledge: Trigonometric Ratios in Right Triangle, Simple Trigonometric Functions.

MUH105 Introduction to Accounting 2+2 4.5
Related Concepts of Business and Accounting; Financial Statements and Effects of Financial Issues on Financial Statements; Techniques of Gathering Information for Financial Statements; Journal Vouchers, Types of Accounts; Daily Transactions: Opening Accounts; Transactions of to Purchase and To Sale of Goods; Periodic inventory System, Perpetual inventory System and Sales Transactions, Transactions of Exchange Securities, Bank Transactions, Credit Transactions, Cash Credits, Guaranteed Credit; Transactions of Bill; Types of Bill, Recording of Bill Transactions, Transactions of Fixed Assets, Transactions For The End of Period, Mistakes and Errors.Related Concepts of Business and Accounting; Financial Statements and Effects of Financial Issues on Financial Statements; Techniques of Gathering Information for Financial Statements; Journal Vouchers, Types of Accounts; Daily Transactions: Opening Accounts; Transactions of to Purchase and To Sale of Goods; Periodic inventory System, Perpetual inventory System and Sales Transactions, Transactions of Exchange Securities, Bank Transactions, Credit Transactions, Cash Credits, Guaranteed Credit; Transactions of Bill; Types of Bill, Recording of Bill Transactions, Transactions of Fixed Assets, Transactions For The End of Period, Mistakes and Errors.

MÜZ138 **Fundamentals of Music Education** **1+2 3.0**
Music and Education: The role of music in education, Fundamentals; Notation in writing music, Introduction to instrument and voice training; Group performance in music; Creativity training using literacy in music; School and camp songs, National Anthem, Music for marching bands, Rhythm and aesthetic movements, Developing rhythm in music, Conducting voice and instrument groups, Developing skills to accompany music with movement.

ÖKÖ104 **The Development of Movement and Training for Children** **3+0 4.0**
Major Concepts of Development: Development, Growth, Maturation, Learning; Development of Movement and Affecting Factors; Stages of Motor Development, Reflexes, Primitive, Basic; Influence of Movement Education on Preschool Children, Influence of Movement Education on Image of Ego; Characteristics of Good Movement Education Program; Objectives of Movement Education.

ÖMB105 **Introduction to Education** **2+0 3.0**
Basic Concepts Related to Education and Training; Aims and Functions of Education; Education in relation to Other Fields and Sciences; Legal, Social, Cultural, Historical, Political, Economic, Philosophical and Psychological Foundations of Education; Methodology in Educational Sciences; School and Classroom as an Education and Learning Environment; Recent Developments in Teaching Profession and Teacher Education; Educational Orientations in the Twenty - First Century.

ÖMB107 **Education Philosophy** **2+0 3.0**
Basic Subjects of Philosophy and Problem Areas; Existence, Knowledge, Ethics / Values Philosophy and Education; Basic Philosophical Movements (Idealism, Realism, Naturalism, Empirism, Rationalism, Pragmatism, Existentialism, Analytic Philosophy) and Education; Educational Philosophy and Educational Currents: Standing, Constitutionalism, Progressivism, Existentialism, Critical / radical education; Educational Views of Some Philosophers (Plato, Aristotle, Socrates, J. Dewey, Ibn-i Sina, Farabi, J. J. Rousseau Vd.) In the Islamic World and the West; Human Nature, Individual Differences and Education; Education in terms of some political and economic ideologies; Effective Intellectual Movement in Turkey in the Modernization Process and Training; Philosophical Foundations of Turkish Education System.

ÖMB110 **Educational Sociology** **2+0 3.0**
Basic Concepts of Sociology: Society, Social structure, Social phenomenon, Social fact etc .; Pioneers of Sociology (Ibn-i Haldun, A. Comte, K. Marx, E. Durkheim, M. Weber etc.) and Educational Views; Education in terms of Basic Sociological Theories (Functionalism, Structuralism, Symbolic Interactionism, Conflict Theory, Critical Theory, Phenomenology and Ethnomethodology); Social Processes (Socialization, Social Stratification, Social Mobility, Social Change etc.) and Education; Social Institutions (Family, Religion, Economy, Politics) and Education; Development of Sociology of Education and Sociology in Turkey (Ziya Gokalp, Ismail Hakki Baltacıoğlu, Nurettin Artillery, Mumtaz Turhan, et al.); Culture and Education; School as a Social, Cultural, Moral and Community System.

ÖMB112 **Educational Psychology** **2+0 3.0**
Basic Concepts of Psychology and Educational Psychology; Research Methods in Educational Psychology; Development Theories, Development Areas and Development Processes; Individual Differences in Development; Basic Concepts Related to Learning; Factors Affecting Learning; Learning Theories on Learning-Learning Processes; Motivation in Learning Process.

ÖMB218 **Massage** **2+0 3.0**
Definition of Massage; History of Massage; Goals of Massage; General Principles; Oiling Materials; Massage Positions; Levels of Massage, Frequency of Massage, Kinds of Movements, Indications and Contra Indications of Massage; Lower Back Massage; Upper Back Massage; Neck Massage, Femaur Massage, Leg Massage, Foot Massage, Arm Massage, Front Arm Massage, Hand Massage, Face Massage, Massage in Sport (Before Competition, During Competition and After Competition); Mechanic Massage Methods.

ÖMB220 **Turkish Education History** **2+0 3.0**
Subject, method and sources of Turkish education history; Education in the very first Turkish states; Education in the very first Muslim Turkish states; Education in Seljuk Turks and Anatolian Seigniories; Education in the Ottoman Empire: Education system till the first modernization movements; 13-18. Education in the Turkish states except the Ottoman geography between 13-18th centuries ; Reformist education movements in the Ottoman Empire till the Tanzimat period; Establishment of a modern education system from Tanzimat period to Republic; Restructure of the traditional education system; Education in other Turkish states and communities in Eurasia between the 19-20th century; Education in the national struggle period; Education in the Republic of Turkey: Foundation, structure, establishment and development of the Turkish educational system; Process of teacher training since its beginning; Education in the Turkish world in the 21st century; Common goals, language and alphabet unity, common history writing studies.

ÖMB221 Instructional Technologies 2+0 3.0

Information technologies in education; classification of teaching process and instructional technologies; theoretical approaches to instructional technologies; new trends in learning approaches; current literacy; teaching technologies as tools and materials; design of teaching materials; designing thematic teaching materials; field - specific object warehouse creation.

ÖMB222 Research Methods in Education 2+0 3.0

Basic concepts and principles of research methods; research process (identifying the problem, determining the problem and sample, data collection and analysis, interpreting the results); general characteristics of data-collection instruments; data analysis and evaluation; access to journal articles, theses and databases; research methodologies; basic paradigms in scientific research; quantitative and qualitative research designs; sampling, data collection and data analysis in qualitative research; trustworthiness (validity and reliability) in qualitative research; review, evaluation and presentation of articles or theses; writing a research report within the framework of research principles and ethics; action (action) research in education.

ÖMB223 Teaching Principles and Methods 2+0 3.0

Basic concepts related to teaching principles and methods; teaching-learning principles, models, strategies, methods and techniques; determining goals and objectives in teaching; selection and regulation of content in teaching and learning; teaching materials; teaching planning and teaching plans; theories and approaches related to teaching; effective school teaching, learning and learning success; evaluation of classroom learning.

ÖMB224 Physical Education and Sport Teaching Programs 2+0 3.0

Basic concepts of curriculum; development of physical education and sports education programs from past to present; current physical education and sports education program approach, content, aims to develop skills; learning and sub-learning areas; distribution and boundaries of achievements by classes, relationship with other courses; methods, techniques, tools and materials used; measurement evaluation approach; teacher qualifications.

ÖMB226 Exercise Physiology 3+0 5.0

Functions of cells, tissues, organs and systems that form the human body; human organism short-term and long-term adaptation to physical effort; energy systems; physiological training foundations; recovery and fatigue after exercise; doping, acute and chronic adaptations to exercise and measurement of performance.

ÖMB227 Teaching and Learning Approaches in Physical Education and Sport 2+0 3.0

The meaning of the learning and teaching physical education and sport; the basic principles and aims of the physical education and sport; the history of the teaching in physical education; the reflection of the teaching and learning approaches to physical education; the teaching skills in physical education teaching; examples of the practice; the contemporary issues in physical education teaching; the components of effective physical education and sport; social, cultural and historical aspects of physical education and sport teaching.

ÖMB228 Rhythm Education and Dance 1+2 5.0

Basic concepts about rhythm and dance; Music and rhythm of movement; Dance equipments and their properties; dance exercises; posture exercises; walks, bounce, tabs and galos, rhythm, melody and music selection; individual and paired exercises; waltz, tango, jazz, dance steps and compositions; Teaching concepts, techniques and compositions related to rhythm and dance.

ÖMB229 Motor Development 3+0 3.0

Age related changes in motor behaviors, similarities and differences between individuals, concepts, principles, factors affecting motor development, theoretical approaches, physical development perceptual motor abilities and self-concept relationship, evaluation of motor behavior in children.

ÖMB230 Preparing Education Projects 2+0 4.0

The project term and the types of the projects; teaching programs and project-based learning; project programs in schools (TUBITAK, EU etc.); identifying a topic for the project; literature review; the logical perspective of the projects; planning the project and the budget; implementing scientific methods in projects; preparing the report for the project; evaluating the project and examining the good examples; presenting the project; design techniques for poster and brochure.

ÖMB232 Character and Value Education 2+0 4.0

Conceptual framework: Character, personality, value, virtue, morality, temperament, temperament, etc.; character development and training; family, environment and school in character development and education; definition and classification of values; sources of values and individual, social, cultural, religious, moral foundations; character and value education approach and applications; intercultural differentiation and coexistence in character and value education culture;

character and value education in terms of educational philosophy and objectives; in character/value education teaching methods and techniques; values crisis and education in modern and multicultural societies; human-value education in the process of cultural development; Turkish education and cultural history related to value education examples, applications, and research values education in Turkey; role in character and value education teacher as model.

ÖMB233 Attention Deficit and Hyperactivity Disorder 2+0 4.0

Definition and characteristics of attention deficit and hyperactivity disorder (ADHD); Basic symptoms of ADHD (attention deficit, hyperactivity and impulsivity); Effects of ADHD on social, emotional and academic success of children; Causes of ADHD; Risk factors in ADHD; Types of ADHD; Approaches to children with ADHD; Guidance of students with ADHD; Education of children with ADHD; school-family cooperation.

ÖMB234 Micro Teaching 2+0 4.0

Basic concepts and principles of effective teaching and learning; Occupational competence, attitudes, roles and behaviors of teachers; Preparing a lesson plan; The scope, benefits, and limitations of the micro teaching method; Preparing active learning activities relevant to the subject; Sample lecture practices; Videotaping lecture presentations; Evaluation of the course by utilizing the records; Expanding of prepared activities and lectures.

ÖMB235 Extra Curricular Activities 2+0 4.0

The curricular and extra curricular activities, hidden curriculum; approaches related to hidden curriculum; learning in cognitive and emotional learning and hidden curriculum; a school as a place for the rituals; school ceremonies as extracurricular activities; the importance of social, cultural activities and the activities related to sport and art; importance of the hidden curriculum in moral education; extracurricular activities (meeting, ceremony, memorial day, graduation etc.) as moral education.

ÖMB236 Scouting and Camping 2+0 3.0

Definition of Scouting; Scouting and Development in the World and Turkey; Scouting Moment and Type; Scout Uniform; Rigging and Signs in Scouting; Scouting Materials; Communication Techniques; Direction finding; 26 Types of Knot Used in Scouting; Definition of Camps and Camp Types; Personnel in Camps; Activities in Camps; Types of Cooker and Fire; Safe Fire; Safe Water to Drink; Using Map, Compass and GPS when you are lost; Types of Shelter.

ÖMB237 Curriculum Development in Education 2+0 4.0

Basic concepts of curriculum development; theoretical foundations of program development; program types; philosophical, social, historical, psychological and economic foundations of the curriculum; characteristics of curriculum development and teaching programs; stages of program development; basic elements of the program (target, content, process, evaluation) and relations between elements; classification of objectives and its relationship with elements of the program; content editing approaches; determination of training needs; program development process and models; educational program design approaches; program evaluation models; program literacy; duties and responsibilities of teachers in the development of teaching programs; Characteristics of MEB curriculums; application of teaching programs; new approaches and trends in software development in the world and Turkey.

ÖMB238 Nutrition and Health 2+0 3.0

Natural and healthy nutrition; fight against obesity; food additives; healthy lifestyle and exercise; growth and development; healthy sex life; fighting addiction (tobacco, alcohol, drug addiction, etc.); traffic, disaster and first aid.

ÖMB239 Ceremonies and Show Gymnastics 2+0 3.0

Creating Gymnastic Choreographies for Musical/Non-musical Show Performances on Ceremonies and Celebrations: Definition of show gymnastics, Apparatus of show gymnastics, Definition of apparatus; Technics Training: Body training, Body practices with apparatus, Movement training with large and small groups; Design A Composition: Show gymnastics according to age groups, Design a composition according to age groups.

ÖMB240 Turkish Music 2+0 3.0

Elements of music belonging to Turkish communities living in Central Asia and Anatolia; Turkish mythology (human, creation, religious rituals and feasts, etc.); Mythological elements in Turkish Folk Music repertoire; Existing genres of music in Turkish State and communities; The development of Turkish Folk Music and Turkish Classical Music in the historical process; Interaction of different traditions and styles related to music; Examination of instruments, composers, performers and sample works.

ÖMB241 Economy and Entrepreneurship 2+0 3.0

Basic concepts of economics and economic systems; basic concepts of business and business management; establishment, objectives and legal structure of the enterprise; management processes and functions in enterprises; management of human resources and other resources; entrepreneurship and entrepreneurship concepts, success factors in entrepreneurship; entrepreneurship culture, entrepreneurship process and entrepreneurship types; career planning, original ideas, extraordinary

examples; Turkish Patent and Trademark Authority; Industrial Property Law; small and medium-sized enterprises; management processes and functions in small businesses; business idea development, innovation and innovation, business plan making, elements of the business plan, writing and presentation; preparing a project related to entrepreneurship in a specific area and subject.

ÖMB242 Instructional Models for Physical Education 2+0 4.0

The basic principles of instructional models in physical education and the philosophies that these models (sports education model, teaching personal and social responsibility, inquiry-based learning etc.) constructed on; differences between these models; the features related to choosing and implementing a model; the importance of model in teaching; the good examples of model implementation in Turkey.c

ÖMB243 Media Literacy 2+0 3.0

Information literacy; conscious use of internet and social media; social media on individuals' effects; dissemination and dissemination power; power of news dissemination; media and perception management; media and legal rights and responsibilities for the internet; Copyright; the right to personality; information confidentiality; privacy violation; use of language in the media; value of news and quality analysis; popular culture; men and women in the media roles; consumer culture and advertising; media stereotyping.

ÖMB244 History of Physical Education and Sports 2+0 4.0

Comparative study of the developmental processes of physical education and sport in the world and Turkey.

ÖMB245 Drama in Physical Education Teaching 2+0 4.0

Definition and meaning of drama; psycho-drama, creative drama, educational drama, socio-drama etc.; drama-game relationship; the history of drama practices in education; the structure of drama and its practice stages in education; drama environment and teacher qualifications; evaluation of drama; drama samples suitable for educational purposes, development and practice of samples.

ÖMB246 Exercise Psychology 2+0 4.0

Definition, basic concepts, aim, development and present fields of study; cognitive, affective and personality factors affecting participation in exercise.

ÖMB247 Sociology of Physical Education 2+0 4.0

Social and cultural dimensions of physical education course; relations between body, education, society and culture; body-culture-education interaction, social identity in gender education, gender, social class and equality, sport participation and socialization; to develop a critical perspective on sociological issues / problems.

ÖMB248 Bycle 2+0 3.0

Historical Development of Bicycle: In the World and in Turkey; Cyclist and Nutrition; Cyclists and Safety: In the city and outside the city; Cyclist and Clothing; Cyclist and Sitting Style: Seat Height, Seat Tilt, Seat forward or backward, Handlebar height, Handlebar length, Pedal arm length, Arm length, Foot hook size; Cyclist and Development; Cyclists and Bicycle Paths; Cycling Competitions.

ÖMB249 Action Research in Physical Education and Sport Teaching 2+0 4.0

General characteristics and theoretical foundations of action research, action research in physical education place and importance, the role of action research in the professional development of teachers, in action research planning process, implementation process in action research, reflection in action research the process of preparing an action research plan.

ÖMB251 Basic Music Education 2+0 4.0

The role and content of music in education, basic music knowledge, the nature and purpose of writing notes, introduction to instrument and vocal education, collective playing and singing, musical hearing, reading and writing studies in developing creativity. To be able to physically accompany our National Anthem, school and camp marches and marching marches, to keep the pace, to sing anthem, to manage anthem and to accompany the movements.

ÖMB307 Ethics and Morality in Education 2+0 3.0

Basic concepts and theories about morality and ethics; ethical principle, ethical rule, business and professional ethics/morality; teaching profession with social, cultural, moral and ethical aspects; the right to education and learning ethical principles in the process of education, training, learning and evaluation; ethical principles in relations with education stakeholders (employers / managers, colleagues, parents, professional organizations and society); moral/ethical responsibilities of education / school administrators, parents and students; unethical behavior in business and professional life; In Turkey, public administration, ethics and regulations regarding teacher training; unethical behavior, ethical

dilemmas, problems and solutions in school and education; moral / ethical education and ethical boards at school; school principal and teacher as a moral / ethical leader.

ÖMB309 Knowledge of Training 2+0 3.0

Basic principles of training science, the concept of training, definition and training of basic motoric features, training planning, theory and practice knowledge of methods used in the development of some basic motoric features.

ÖMB311 Physical Education and Sports Teaching 2+2 4.0

Learning-teaching processes, field-specific teaching methods, application of general teaching methods to physical education teaching, its examination, associating with special teaching methods and strategies and planning at micro-macro level, evaluation of teaching, teaching skills and applications. Introduction to the Receptive Skills: The reading and listening processes; Teaching Pre-reading Activities: Various types of pre-reading activities, Choosing appropriate pre-reading activities according to the reading text; Teaching During-reading Activities; Teaching Post-reading Activities; Teaching Pre-listening Activities: Various types of pre-listening activities; Choosing appropriate pre-listening activities; Teaching During-listening Activities: Choosing listening activities suitable to the listening text; Teaching Post-listening Activities.

ÖMB312 Physical Fitness 3+0 3.0

The definition of physical fitness, its components, the causes and related concepts of physical fitness, measurement and evaluation of physical fitness, methods of determining the ideal weight, training methods for the development and maintenance of physical fitness at all ages and physical levels, arrangement, management and organization of exercise areas. Introduction to Teaching Speaking; Characteristics of Real-Life Communication; Characteristics of Spoken Language: Connected Speech, Expressive Devices, Lexis and Grammar, Negotiation Language; Mental/Social Processing in Speaking; Sample Speaking Activities: Communication Games, Discussions, Prepared Talks, Questionnaires, Simulation and Role-plays; Role of Teacher in Speaking Activities; Preparing a Speaking Lesson Plan; Discussing Content and Features of a Speaking Lesson Plan; Fulfillment of a Task as a Product; What is a Task and What are the Features of a Task; Introduction to Teaching Writing; Problems in Writing: Psychological, Linguistic and Cognitive Problems; Reasons for Teaching Writing Skills; Activities to Develop Sociolinguistic, Grammatical, Discourse and Strategic Competence; Preparing a Writing Lesson Plan; Presenting a Model Text; Exercises; Free Writing.

ÖMB313 Tennis 1+2 4.0

History of tennis; tennis in world and in the turkey, information on court and equipment, types of racket grips and ability selection, ball and racket exercises for hand-eye-body coordination, learning and teaching methods of forehand, backhand strokes, applications, development of forehand-backhand strokes, volley learning and teaching methods, exercises, smashes-lob learning and teaching methods, exercises, service learning and teaching methods, exercises, general condition and strength development information in tennis, training planning for different age groups, rule information, referee information, general information about tournaments, exercises, learning and practicing a tennis match within the rule, tournament organization with short matches among students, general evaluation and continue the tournament. Role of Teachers and Learners in Foreign Language Teaching/Learning; New Orientations in Reading: Defining linguistic needs of learners, Controlling anxiety, Determining alternatives to eliminate individual differences; Reading Strategies; Listening Process: Comprehending the outline of an oral material, Determining the topic, Developing ideas about the topic, Expressing opinions on the topic; Selection and Use of Written and Oral Materials; Evaluation Criteria.

ÖMB314 Outdoor Sports 1+2 3.0

Introduction to nature sports and definitions, the concept and characteristics of natural life, trekking, determining location and direction in nature, planning and organizing information in nature, adapting to life in a natural environment, knowledge and skills of safe movement. Application of these knowledge and skills in a selected nature sport (trekking, orienteering, mountaineering, caving, canoeing, rafting, scouting, sailing, etc.) Motivating Learners; Giving Feedback; Elements of Oral Communication: Message transfer, Interaction, Expression of personal ideas; Organization of an Activity: Identifying discussion skills of learners, Choosing topics of discussion, Developing creative exercises; Teaching/Learning of Writing: Note-taking, Planning a writing, Presenting and discussing ideas and information; Selection and Use of Materials according to the Objectives of Speaking and Writing Activities; Evaluation Criteria.

ÖMB315 Swimming 1+2 3.0

Definition of swimming, history, safety rules and basic preparation studies in water (standing and progressing on the water), foot kick, arm pull, breathing, coordination, return and diving, observation, error detection and in free, backstroke and breaststroke techniques and teaching knowledge.

ÖMB316 Fencing 2+0 3.0

History; Basics of Fencing and Fencing Evaluation; Practice of Theoretical Knowledge; Basic Fencing Movements; Defence and Attack Movements; Creative Works: Agility, Reflex, Balance movement; Fencing Materials and Materials Use; Ability, Balance and Agility Movements Practice; Competition Ability and Techniques; Morale and Motivation; Organizational Activities; Organizational Activities in Turkey and Organization Samples; Fencing Referee Regulations.

ÖMB317 **Futsal** **2+0 3.0**
 Historical development of futsal in the world and turkey; futsal today; field, material, game rule information; offensive principles in football; quality pass, timely pass, effective pass, correct pass, deceptive pass, quality support, angle, distance, behind, ahead, depth and width, opposition between defensive defenders (penetration), mobility and displacement, creativity (improvisation); individual, group and team tactics; defense principles in football; ball / purification and procrastination, depth and support, concentration and compression, level and balance, control and obstacle

ÖMB318 **Trampoline** **2+0 3.0**
 History of the trampoline; The place and importance of gymnastics federation; basic technical applications, straight bounce variations, coordination skills on trampoline, basic bounce, arm pull technique, knee pull technique, sitting and sit-off, Right-left turn variations, back drops. 1/1 twist works. Leaping on mini trampoline, jumping, dolphin somersault, falling back. progressive teaching of forward salto technique; to help forward salto, cascading teaching of backward salto technique; To help back salto, open and backward open and bent salto exercises. Rule information in trampoline competitions.

ÖMB319 **Human Relations and Communication** **2+0 3.0**
 Definition and classification of human relations; theoretical approaches to interpersonal relations (psychoanalytic, attachment, contemporary theories); theoretical approaches related to interpersonal relations (social, psychological, cognitive theories); interpersonal relationships as developmental processes (infancy and childhood, adolescence and adulthood); factors affecting human relations; gender, gender roles and interpersonal relationships; self-adaptation and self-disclosure in interpersonal relationships; communication and communication errors; effective communication skills; interpersonal problems, conflict and conflict resolution approaches; human relations in terms of intercultural differentiation.

ÖMB320 **Career Planning and Development** **2+0 3.0**
 Career concept; career planning and stages; individual career development; creating a career strategy; career planning model; career options in related teaching fields; CV preparation and CV types; CV format and examples; Considerations for CV preparation; cover writings; promotional letters; job interview; purposes; methods and types; preparation for interview and interview stages; situations that may be encountered in negotiations; question types; body language-bodily signs

ÖMB321 **Folk Dance** **2+0 3.0**
 Definition of folklore and definition of folkdance, analysis of local folkdance, types of handling, number of movement rhythms, differentiation by types and teaching, teaching methods, competition rules, staging knowledge and skills.

ÖMB322 **Ethics of Science and Research** **2+0 3.0**
 Science, the nature of science, its development and scientific research; the concept of ethics and ethical theories; research and publication ethics; unethical behavior and ethical violations in the research process; ethical issues related to writing and copyright; biased publication, editor, refereeing and ethics; unethical behavior in broadcast ethics and broadcasting; legal regulations and boards on research and publication ethics; Ways to be followed in detecting ethical violations; common research, publication ethics violations and methods to prevent them.

ÖMB323 **Individualizing and Adapting Teaching** **2+0 4.0**
 The concept of individualization and its importance in education; Requirements for individualization: curriculum-based assessment, rough assessment, preparation of criterion-based measurement tool, rules to be followed in assessment; setting long-term and short-term teaching objectives; arrangements that can be made in classrooms and schools for inclusion / integration; adapting teaching; Examples of individualization and adaptation in fusion / integration classes.

ÖMB324 **Drama in Education** **2+0 4.0**
 Basic concepts of drama and creative drama(Drama, creativity, creative drama, play and theater pedagogy, communication-interaction, role playing, improvisation, action, dramatic play, children's theater, puppet, pantomime, etc.); stages, dimensions and elements of creative drama, role playing and improvisation; history of creative drama; social events and relationship of creative drama, application steps of drama in education; resources that can be used in drama in education;preparation and implementation of creative drama lesson plan; contribution of drama to individual and social development.

ÖMB325 **Child Psychology** **2+0 4.0**
 The basic concepts of child psychology; history and methods; prenatal development; infancy development areas and features; first childhood developmental areas and features; developmental areas and characteristics of the last childhood period; child in family structure; child in school system; childhood adaptation and behavior problems; children with special needs

- ÖMB326 Out of School Learning Environments 2+0 4.0**
 Out-of-school education and learning concepts; the scope and importance of out-of-school learning; teaching in out-of-school settings; teaching methods, techniques (project-based learning, station technique, etc.) and teaching materials suitable for out-of-school learning environments; out-of-school learning environments (museums, science centers, zoos, botanical gardens, planetariums, industrial establishments, national parks, science festivals, science camps, natural environments, etc.); development of out-of-school learning spaces and environments; planning, implementation and evaluation of out-of-school learning activities.
- ÖMB327 Comparative Education 2+0 4.0**
 Definition, scope, history of comparative education; method and research in comparative education; comparison of education systems of different countries in terms of structure, functioning, school levels, human resources, education financing, specialization in education, policy making in education, planning and implementation; gender, social justice and equality in education in different countries; reform and innovation initiatives in education in different countries; teacher and education / school manager training systems in different countries; globalization and internationalization in education; international exams, institutions and organizations related to education.
- ÖMB328 Critical and Analytical Thinking 2+0 4.0**
 Basic concepts and definitions; brain as a thinking organ, thinking styles and grouping of thinking; involuntary thinking and features; voluntary thinking and its characteristics; methods of voluntary thinking; critical and analytical thinking; main features and criteria of critical and analytical thinking, stages of critical and analytical thinking; factors affecting critical and analytical thinking; the scope of critical and analytical thinking; critical and analytical reading; critical and analytical listening; critical and analytical writing.
- ÖMB329 Evaluation of Classroom Learnings 2+0 4.0**
 Measurement tools and their properties used in education; tools based on traditional approaches: Written exams, short-answer exams, right-wrong type tests, multiple choice tests, matching tests,; tools for multi-faceted recognition of the student: observation, interview, performance evaluation, student portfolios, research papers, research projects, peer assessment, self-evaluation, attitude scales; points to be considered in the evaluation of student success; evaluation of learning outcomes and grading.
- ÖMB330 Biomechanics 2+0 4.0**
 Historical development of sports biomechanics; study areas and sample analysis; basic concepts in biomechanics; types of motion: linear motion, angular motion, general motion; rigid body mechanics; linear motion; angular motion; velocity and acceleration calculations; motion analysis: linear and angular kinematic analysis; newton's laws of motion; balance, body weight center; biomechanics of the arrow shot; biomechanics of pistol and shotguns; biomechanics of different free kick types in soccer; biomechanics of the panche balance element in rhythmic gymnastics.
- ÖMB332 Leisure Education 2+0 4.0**
 Introduction to leisure: what is leisure?, why is leisure important?, value of leisure, why leisure education: education for leisure, education as leisure, education through leisure, leisure and education: from leisure and education to leisure education, leisure education within community, the benefits of leisure; leisure education in schools: student's leisure activities and subjective well-being in schools.
- ÖMB333 Traditional Turkish Sports 2+0 4.0**
 General characteristics, methods and techniques of traditional Turkish sports, the role of wrestling, shooting and riding in Turkish social life, Similarities and differences between modern sports and traditional sports, Changes and transformations in traditional sports based on past and present practices.
- ÖMB334 Defense Sports 2+0 4.0**
 Information, attitude, skills towards selected defense sports and teaching/consultancy to gain knowledge and skills for using it.
- ÖMB335 Classroom Management 2+0 3.0**
 Basic concepts about classroom management; physical, social and psychological dimensions of the class; classroom rules and discipline in the classroom; models related to classroom discipline and management; management of student behavior in the classroom, communication and interaction process in the classroom; student motivation in the classroom; time management in the classroom; teacher as a teaching leader in the classroom; management of teacher-parent interviews; creating a positive classroom and learning climate; case studies related to classroom management according to school levels.

- ÖMB336 Measurement and Evaluation in Education 2+0 3.0**
Measurement and evaluation and its importance in education; basic concepts of measurement and evaluation; psychometric (validity, reliability, usability) features of measurement tools; developing and applying success tests; interpretation of test results and giving feedback; analysis of test and item scores; evaluation and grading.
- ÖMB337 Shooting 2+0 3.0**
History of Shooting Sport, Shooting in the World and in Turkey, Turkish Shooting and Hunting Federation, Shooting Branches and Features, Shooting Ranges, Targets Used in Air and Firearms, Ammunition and Equipment, Air Pistol Types and Features, Equipment Used in Air Pistol Shooting , Beginner's Training in Air Pistol, Physical Adjustments in Air Pistol, Basic Techniques and Position in Air Pistol, Air Rifle Types and Features, Equipment Used in Air Rifle Shooting, Physical Training for Beginners in Air Rifle, Physical Adjustments in Air Rifles, Air Rifle Basic Techniques and Position, Air and Firearms Game Rules, Fire Pistol Types and Features, Fire Pistol Competitions, Fire Rifle Types and Features, Fire Rifle Competitions, Fire Rifle Positions and Application.
- ÖMB338 Turkish Education System and School Management 2+0 3.0**
Formation of Education Systems and The Structure of The Turkish Education System; Basic Laws Regulating The Turkish Education System; Central, Provincial and Foreign Organization of The Ministry of National Education; Teaching Levels In The Turkish Education System; Manpower, Physical, Technological And Financial Resources In The Turkish Education System; Reform and Innovation Initiatives In The Turkish Education System; Organization-Management Theories And Processes; School As A Social System and Organization; Management Of Human Resources; Student Personal Affairs; Jobs Related To Education and Training; Jobs Related To School Management; School, Environment, Society and Family Relationships; Current Discussions and Trends In Turkish Education System and School.
- ÖMB340 Motor Learning 3+0 3.0**
Basic concepts of skill learning (motor skills and classification, learning-performance, skill-motion-reflex separation), motor control theories and motion planning, skill learning stages, verbal-visual skill representation, detection and correction of errors, one or more exercise planning for skill and learning-performance relationship
- ÖMB342 Badminton 1+2 4.0**
The definition, history and benefits of Badminton sport, different game levels and teaching steps, materials and facilities, learning and teaching of beginner game situations, tactics and hit techniques, organization of competitions and development of training programs.
- ÖMB344 Table Tennis 1+2 4.0**
About the Historical Development of Table Tennis Sport and Materials Used: Field dimensions, Racquets, Nets, Clothing, Shoes and expression of the rules of the game, Single and double competitions; Table Tennis Basic Information About the Organization of Refereeing and Organization; Studies for the Ball and Racket Coordination for Different Age Groups: Forehand and backhand flat strokes, Forehand and backhand chop, Forehand and backhand spin and service.
- ÖMB346 Squash 1+2 4.0**
Historical Development of Squash Sport: Squash in the World and in Turkey; Introduction of Halls in Squash Sport: Hall, Walls, Parquet making, Dimensions, Features; Heating, Aeration and lighting of halls. Types of servings, Body positions in the service, Types of strokes, Body positions in the strokes, Knowledge of the playing field and materials, Recommendations about the game, General rules of the game of Squash, American rules of the game of Squash, Practice forms for the development of technical tactics of Squash.
- ÖMB411 Teaching Practice I 2+6 10.0**
Making Observations about Field-Specific Teaching Methods and Techniques; Conduct Individual and Group Micro-Teaching Practices Using Specific Teaching Methods and Techniques Specific to The Field; Area Specific Activity and Material Development; Preparing Teaching Environments, Managing the Class, Measuring, Evaluating, and Reflecting.
- ÖMB412 Teaching Practice II 2+6 10.0**
Making Observations about Field-Specific Teaching Methods and Techniques; Conduct Individual and Group Micro-Teaching Practices Using Specific Teaching Methods and Techniques Specific to The Field; Area Specific Activity and Material Development; Preparing Teaching Environments, Managing the Class, Measuring, Evaluating, and Reflecting.
- ÖMB413 Special Education and Integration 2+0 3.0**
Basic Concepts of Special Education; Principles and Historical Development of Special Education; Legal Arrangements for Special Education; Diagnosis and Assessment Methods in Special Education; Individualization of Teaching; Cohesion and Support Special Education Services; Education Participation and Family Co-Operation of the Family; Characteristics of Different Inadequacies and Groups of Talents; Educational Approaches and Teaching Strategies for Different Groups; Effective Strategies and Behavior Management in Classroom Management.

- ÖMB414 School Guidance 2+0 3.0**
Educational Place of Guidance and Psychological Counseling (RPD) Services; Philosophy, Purpose, Principles and Program of Developmental Guidance Model (Comprehensive Developmental RPD Program); Basic Services / Interventions; The Role and Function of Teachers in Class Guidance; Competencies to be Gained in Educational, Professional, Personal and Social Areas within RPD Services; Cooperation Between School Administrators and Teachers, Guidance Teachers and Psychological Counselors; Preparation and Implementation of Class RPD Plans and Programs.
- ÖMB419 Educational Games 1+2 3.0**
Definition and History, The Importance of Play for Children, Effects on Child Development, Play Environment and Tools, Game Teaching of Basic Motion Concepts, Game Selection, Individual and Group Games, Coordination Developing Games, Rhythmic Activities Games, Play Material Preparation and Play.
- ÖMB420 Educational Anthropology 2+0 4.0**
Subject, Basic Concepts, History and The Method Of Anthropology, Basic Approaches in Social-Cultural Anthropology; Basic Concepts of Educational Anthropology in Terms of Anthropological Aspect; Culture, Acculturation, Enculturation, Adaptation, Sub-Culture, Counter Culture, Common Culture Etc; Cultural Foundations and Functions of Education; Intercultural Differentiation; Education and Learning; School as a Living Space; School Culture and Ethnography; Media, Mass Communication; Popular Culture and Education; Globalization; Cultural Interaction; Cultural Literacy and Education; Education in Oral and Written Literary Works in Turkish Culture And Civilization History; Parents and Children Roles in Turkish Family Structure.
- ÖMB421 Exercise and Nutrition 2+0 3.0**
Basic Nutritional Principles Include the Functions Of Nutrients (Carbohydrate, Fat, Protein, Mineral, Vitamin, Water etc.) in Organism, Relationships Between Physical Activity and Nutritional Principles, Ergogenic Brain Supports, Nutrition in Control of Weight and Cardiovascular Diseases, Physical The Role Of Activity and Eating Disorders.
- ÖMB422 Education of Hospitalized Children 2+0 4.0**
Developmental Characteristics, Interests and Needs, Emotional States of Hospitalized Children According to Their Ages; Hospital Personnel, Interaction Between Child and Parents; Training for Preparing the Hospital, Diagnosis, Treatment and Preparing for The Surgery; Preparing and Applying Action Plans of Game, Music, Arts, Drama, Algebra, Stories for Hospitalized Children; Hospital Schools and Children with Fatal Diseases, Interaction Between Families and Personnel.
- ÖMB423 Folk Dance 1+2 3.0**
Definition of Folklore and Definition of Folkdance, Analysis of Local Folkdance, Types of Handling, Number of Movement Rhythms, Differentiation by Types and Teaching, Teaching Methods, Competition Rules, Staging Knowledge and Skills.
- ÖMB424 Organization and Management in Physical Education and Sport 2+0 3.0**
The Basic Concepts of Management, Organization, Management, Sport Management, Organization and Management of Sports in Terms of Principles, Techniques and Methods of Management Science, International Sports Institutions and Organizations, Organization and Management Structure of Turkish Physical Education and Sport System.
- ÖMB425 History of Education 2+0 4.0**
Ancient Education (in Ancient Egypt, Mesopotamia, Anatolia, Indian, Chinese, Ancient Greek and Roman Civilizations); Education in Eastern, Western and Islamic Societies in the Middle Ages; Renaissance, Reform, Enlightenment Movements and Education; Education in The Industrial age And the Modern Period; Relations of Islamic Culture and Civilization with Western Civilization; The Establishment of National / Nation States and National Education; Post-Modern Society Debates and Education; Basic Changes and Transformations in Education and Teacher Education in The World From Ancient Times to Today.
- ÖMB426 Exercise Programming for Healthy Living 2+0 3.0**
To Acquire Knowledge and Skills to Prepare an Exercise program to Maintain Knowledge of Health Problems Caused by Physical Inactivity and to Maintain a Healthy Life. This Course Will Have A General Knowledge About the Diseases Which Are Common in Our Country and Which Are Directly Related to the Immobilized Life and The General Principles of Exercise Programs to be Prepared for the Prevention of These Diseases, They Will Have Knowledge and Skills in How to Develop These Components.
- ÖMB427 Adult Education and Lifelong Learning 2+0 4.0**
Concepts Related to Adult Education (Continuing Education, Public Education, Non-Formal Education, Vocational Education, etc.); The Historical Development of Adult Education in Turkey; Approaches and Models Related to Adult

Education; Adults and Learning; The Purpose, Scope and Historical Development of Lifelong Learning; Lifelong Learning Applications in Turkish Education System.

ÖMB428 Adaptive Physical Education and Sports 1+2 3.0

Experiences in Basic Theoretical Sub-Structure Sharing for Physical Education and Sports Applications for Special Needs Students, Experience in Physical Education and General Practice Principles of Special Education and in This Context Integration / Integration Principles, Least Restrictive Environment, Frequent / And Lecture Planning, Individualized Educational Programming, Adaptation, Behavior Management, Peer and Family Support, Legal Framework.

ÖMB429 Open and Distance Learning 2+0 4.0

The Basic Concepts and Philosophy of Open and Distance Learning; Development of Distance Education in The World; Development of Distance Education in Turkey; The Roles Of Learner and Facilitator in Distance Education; Technologies Used in Distance Education; Management of Open and Distance Education; Classroom Management and its Components in Open and Distance Learning; Open Education Resources and Global Trends; Massive Open Online Courses; Individualized Learning Environments; Problems about The Open and Distance Education and Their Solutions; Open and Distance Education Practices in Teacher Training; Individualized Teaching Material Development and Student Support Services in Open and Distance Education; Identifying Instructional Strategies for Different Learning Situations; Research and Evaluation in Distance Education.

ÖMB430 Learning Disabilities 2+0 4.0

Definition, Characteristics and Classification of Learning Disabilities: Educational, Psychological, Medical Factors; Prevalence and Incidence; Causes of Learning Difficulties; Early Intervention; Response Response Model; Screening / Diagnostics: Medical, Developmental and Educational Screening / Diagnostics; Academic And Non-Academic Features; Team and Cooperation; Educational Environments; Applications with Scientific Basis; Reading, Supporting Writing and Math Skills; Supporting Non-Academic Skills.

PSi104 Social Psychology 3+0 3.0

Theory and Research in Social Psychology; Interpersonal Influence and Social Power; Collective Influence on Individual Behavior; Lonely Individual; Attribution Theory; Social Perception; Attitudes and Attitude Change; Interpersonal Attraction; Social Influence and Conformity; Helping Behavior: Hostility and aggression; Group Dynamics and Leadership; Effects of Social and Physical Environment on Behavior; Human Sexuality. Theory and Research in Social Psychology; Interpersonal Influence and Social Power; Collective Influence on Individual Behavior; Lonely Individual; Attribution Theory; Social Perception; Attitudes and Attitude Change; Interpersonal Attraction; Social Influence and Conformity; Helping Behavior: Hostility and aggression; Group Dynamics and Leadership; Effects of Social and Physical Environment on Behavior; Human Sexuality.

PSi208 Conflict and Stress Management 3+0 5.0

Stress Concept and Effects on Human Body; Psychosomatic Stress Model; Stress and Personality; Different Types of Behaviors; Stress Symptoms and Effects; Attitude Stress Symptoms; Psychological Stress Symptoms, Stress Resources; Personal Strategies in Stress Management; Managers' Duties in Decreasing Organizational Stress.

PSi229 Introduction to Sport Psychology 2+0 3.0

Definition of psychology; The complexity of human behavior; Nervous system; Sensation and perception; Perception of objects; Theories of learning; Excitement and properties; Stress and anxiety; Motivation and motivation theories; Personality and personality theories; The concept of group; Group process; Individual differences and similarities; People are affecting relations between the internal processes of individuals; Psychological Tests.

PSi412 Psychology of Gender 3+0 4.5

Gender: Conceptualisation of sex and gender, the ways of setting relation between sex and gender; Gender studies in psychology: The history of gender studies in psychology, Criticism of gender studies in psychology; Gender differences: Biological differences, Psychological differences, Criticism of difference approach in psychology; Gender inequalities in various social domains: Family and gender, Work and gender, Political representation of women, Violence toward women, Honour and sex.

PZL315 Service Marketing 3+0 4.0

Concept of Service: Definition of services, Characteristics of services, Service sector, Importance of service sector, Growth in service sector, Clasification of services; Service Businesses and Marketing Mix: Branding for services, Product, Place, Price, Promotion; Human Factor in Service Marketing: Employee and customer satisfaction, Effective human resource policies in service marketing, Service and customer, Customer relationship management; Physical Evidence in Service Marketing: Service environment, Dimensions of service facilities; Management of Demand and Capacity in Service Businesses; Quality of Service: Dimensions of quality, Model of quality, Evlvement of quality and customer satisfaction.

PZL403 Sports Marketing 3+0 4.5
Sports Marketing: Needs for sports marketing, Definition, Characteristics, Aims, Sport industry, Marketing management, Sports marketing program; Marketing management process, Inner and outer environment; Sports consumers, Consumer behaviour, Sport products, Pricing, Public relations.

REK102 Recreation Management 2+0 3.0
Time; Leisure Time and Recreation; Needs for Recreation; Classification: Features of classification, Recreational management; Planning, Programming, Facilities, Activities, Marketing Relations; Tourism-Recreation, Economy-Recreation, Marketing-Recreation, Management-Recreation, Sport-Recreation, Recreational Situation in Turkey; History; Today, Recreation in government programs.

REK105 Rhythm and Dance in Recreation 1+2 3.0
Recreation and Game Exercises; Relationships between Recreation and Dance and Rhythm; Basic Definitions of Dance and Rhythm in Recreation; Basic Concepts of Rhythm Training: Note, Bar, Rhythm, Melody, Music and Rhythm Exercises; Musical Movements; Basic Motor Movements, Traditional Folk Dancing; Creative Activities in Dance and Movement, Dance Techniques, Walking, Jumping, Leaps, Turning; Waltz; Polka; Tango; Dance and Rhythm Applications in Recreation.

REK107 Introduction to Recreation and Sport Science 2+0 3.0
Giving General Information About the Course, The expression of the concepts of time and free time; Work-Study and Free Time Evaluation; Reasons Why Individuals Participate in Free Time Activities, incentives and factors; Participation in Free Time Activities as an Individual and Group; Definition of Recreation, Characteristics and Classification; Reasons Behind the Need for Recreation, Leadership in efficiency; Basic Concepts in Sports; Purposes of Practicing Sports; Sports Development and the Basis of Success; Sports Science and Performance; the Olympics and World Championships in Sports Activities; The Purpose of Training and Movement Functions; An Overview.

REK109 Gymnastic 1+2 2.0
Definition; Sense of Rhythm, The use of Gymnastics in recreational activities; General Small Hand Tools Used in Gymnastics; Tool Selection by Age group; Rope Works; Educational Games with Ropes; Stretching; Individual and Pairs Exercises with Balls; Rope Gymnastics, Individual and group work with tenpin; Working with Rhythm Gymnastics Stick; Fences in Force and Flexibility Exercises; Versatile Us of Gymnastics Bars; Case Studies; Pair Exercises.

REK110 Track and Field 1+2 2.0
Running: Field, Cross, Road, Street, Jogging, Running track; Walking: Nature; Jumping: Jumping types; Running, Jumping, Falling; Throwing: Throwing styles.

REK111 Sport Recreation 3+0 3.5
The Relationship Between Leisure-Time Recreation and Sports; Basic Principles of Sports Recreation; Classification of Sports Recreation: Recreational air sports, Recreational land sports, Recreational water sports; Intramural Sport Recreation; Extramural Sport Recreation; Sport Recreation Programs; Participation to Sports Recreation: Participant recreation sports, Spectator recreation sports; Benefits of Participation to Recreation Sports.

REK115 Tourism Recreation 3+0 3.5
Tourism Recreation and Leisure; The Resorts as Centers of Tourism and Recreation: Spa Centers, Resorts as Touristic Places; Tourism Recreation and International Travel: Future of leisure travel; Tourism and Recreation in Urban Places; Tourism and Recreation in the Countryside: Evaluation of recreation and tourism in the countryside; The Tourist Experience; The Economic Impacts of Tourism; Tourism Impacts on the Environment; The Social Impacts of Tourism; Tourism Recreation Trends; Tourism Recreation Issues and Political Approaches.

REK117 Recreation and Environment 3+0 5.0
Free Time, Recreation and Environment Relationship; Outdoor recreation and environment: Rural recreation, Wilderness Recreation; Coastal and Marine Recreation Eco recreation: Definition and diversity of eco recreation, Who is the Eco recreationist?; Human Impact on the Environment; Certain Ecological Concepts and Definition: Ecosystem, Ecology, Ecosystem processes and changes, Biodiversity, Sustainability, Zero waste; Environmental Ethics: Environment and ethic; Environmental Problems and Causes: The development of Turkey and environmentally conscious in the world, Global environmental problems, Turkey's environmental problems, Environmental disasters, Quality of life and the environment; International Environmental Agreements/Protocols and Turkey's Status.

REK120 Leisure and Recreation Management 3+0 3.0
Leisure and Recreation: Concepts and Features, Leisure and Recreation Industry: Leisure and Recreation Services Industry and Organizations, Recreation Management: Management of Recreation Resource Management, Leisure and Recreation

Marketing; Recreation Event Management: Construction and Planning of Events, Recreation Leadership; Training of Recreation Management: The Process of Programming Educational Recreation.

REK122 Introduction to Therapeutic Recreation 3+0 3.5

Therapeutic Recreation: Definition, Purpose and importance, History of therapeutic recreation; Philosophy of Therapeutic Recreation; The Benefits of Therapeutic Recreation: Physical, Cognitive, Emotional and social, The therapeutic recreation process: Assessment, Planning, Implementation and evaluation, The applicability of the method for specific groups: Places, Models and modalities of practice, Program design for therapeutic recreation: Treatment and evaluation programs, Leadership in therapeutic recreation.

REK124 Sports Movies 2+0 3.0

A General Overview of the Benefits Which Sports Movies Can Give to Sports and Education Environments; Coach Carter: The Effects of Sports Industry and Education Environments on Athletes and Trainers; Remember the Titans: Athlete Selection on the World and the Finance of Professional Sports; The Gridiron Gang: The Relation Between Sports and Education Environments, Sports environments and Discrimination Fenomenon on the World; Ali: The Effect of Sports to Integrate Handicapped People; The Blind Side: The Effects of a Star Athlete to the Public; a General Look at an American College Sports Environments and Professionalism in Sports; Invictus: Benefits of Sports Movies and Contribution to Sports Educational Development; Moneyball: Contribution to Physical Development, Cognitive Development, Social and Emotional Development.

REK126 Darts 1+2 2.0

Let's Know Darts: Darts in the world and in our country, Benefits of darts, Types of darts, Let's Know Darts Materials; Dart Game Standards: Dimensions of the playing field, Height and standards of the target board, Number Values on the Dart Target Board; Dart Game Rules: Starting the game, Calculating points, Clothing, Posture and Body Composition: Body posture, Weight transfer, The importance of balance, Dart Arrow Holding Principles: Grasp the arrow, Finger grip, Angle and balance of the arrow, Dart Shooting Techniques: Determining the ideal shooting technique, The contribution of body limbs to the technique of shooting, The importance of following the arrow, Auxiliary hand control, Breath control, Shooting Exercises: Shot hit on the board, Top and bottom half-hit on the board, right and left half-hit, Hitting the quarter of the board, Hitting the center of the board, X number exercises. Simple Dart Game Forms Practices.

REK201 Commercial Recreation 3+0 3.5

Introduction to Commercial Recreation: Definition of commercial recreation, Commercial recreation and organization company products, Business framework of recreation specialist; Recreation Industry: Central role of leisure and recreation in the economy; Recreational Services Organization Types: Recreational tourism trip organization, Adventure recreation organizations, Sport, Concert and festival travel organizations, Social and educational themed organizations, Special sports center organization, Therapeutic recreation organizations, Recreational shopping organizations, Entertainment and animation organizations, Campus recreation organizations.

REK205 (Eng) English for Specific Purposes I 2+0 2.0

Jargons and Concepts on Recreation; Reading Articles on Recreation; Analyzing Articles; English-Turkish Translation.

REK206 (Eng) English for Specific Purposes II 2+0 2.0

Terms for Recreation; Analysis of Articles; English-Turkish Translation; Terminology: Surfing, Gliding, Canoeing, Golf, Sailing, Tracking, Mountain bike, Jogging.

REK211 Stretching 1+2 2.0

Warm-up in Sports: Warming in different sports; Psychological effects of warming, the Physiological effects of warming on the organism; Warming time and interval between warming and competition; Warm-down (cooling); Is it necessary; What are the warm-up methods; Stretching: Stretching and its positive effects created by the organism; When stretching should be applied?; How much time should be spent for stretching exercises?; What does pain signify in stretching?; What is the difference between stretching and flexibility?; Stretching anatomy and physiology; Features of the muscles: How do muscles work?; Security mechanisms of muscles.

REK213 Time Management 2+0 3.5

What is Time Management?; Why Time Management?: To resolve inefficiencies, Access to determined objectives, Provide career development; Types of Time: Real time, Psychological time, Biologic time, Managerial time, Time traps; Personal Time Management: Reserve time for planning and organization, Determine goals and objectives, Determine priorities, Generation of work list, Being flexible, Distraction and delay, Learning to say no.

REK215 Public Administration and Local Recreation 3+0 3.5

Urban Sociology and Recreation: Historical development of public and local government recreation in Turkey and world, Place of recreation in urban environmental policies and development plans in Turkey, Recreational understanding of EU environmental policy and Turkey; Classification of Local Recreation and Public Administration; Schools, Hospices, Indoor and outdoor facilities, Universities, Municipalities.

REK217 Workplace Recreation 3+0 3.5

Basic Concepts: Industry, Office, Employees, Belonging and Productivity; Workplace: Office, Production area and outdoor and indoor recreation, Development of workers, Personal and company benefits, Employee loyalty, Increasing productivity, Public and private enterprises; Industrial Size: Production and management stage; Determination of Interest: Useful activities, Hard works, Office environment, Small area activities; Preparation Program; Commercial Activities: Exercise, Art, Game.

REK218 Recreation Leadership 2+0 3.0

Basic Concepts Related to Leadership; Structure of Leadership; Natural Structure of leadership; Definition of Leadership; Leadership in Hierarchical Levels; Approaches to Leadership, Trait Approaches; Behavioral Approaches; Conditional Approaches; Leadership Functions; Basic Requirements for Leadership; Variables of Leadership; Recreational Leadership: Work fields of recreational leaders, Responsibilities of the recreational leaders.

REK221 Swimming 1+2 2.0

Teaching Phases Applied in Swimming Training: Water familiarization, Respiratory, Eye opening, To remain in the water, Water improvement; Swimming Techniques: Free swimming technique, Technique backstroke, Breaststroke swimming technique, Butterfly swimming technique; Competition Rules; Refereeing Information; Fine Structure of the Organization and Swimming; Exits and Returns; Swimming Pool Dimensions; Biomechanics of Swimming.

REK223 Bicycle 1+2 2.0

Bicycle Types and Sizes; Health Benefits of Cycling; Cycling Safety; Developments in Bicycle Equipment; Technology in Cycling; Women, Men, Children and Cycling; Cycling for Transportation; Effective Speed; Cycling in City: Cycling in big cities, Cycling in small cities; Global Overview to Cycling Trends.

REK224 Theatrical Events in Recreation 1+2 4.0

The Origin and Development of Theater: The concept of the theatrical events; Recreational Theatrical Event Types; Acting: Acting and motion, Diction, Voice and breathing exercises; Stage Arrangement in Recreational Theatrical Events: Stage types, Decor, Lighting, Costume; Basic Makeup Knowledge: Stage makeup application, Playback show preparation, Game show preparation, Sketch show preparation, Stretching anatomy and physiology; Features of the Muscles: How do muscles work?, Security mechanisms of muscles.

REK225 Recreation and Entrepreneurship 2+0 3.0

Misunderstood Facts in Entrepreneurship; Entrepreneurship and Entrepreneurial Recreation Experts; Entrepreneurial Process; Entrepreneur, Opportunity, Startup team, Resources, The Way to Seize the Business Opportunity; Thinking Structure of an Entrepreneurial Recreation Experts; Being innovative and creative, Taking risks, Being a pioneer, Being competitive, 10 Rules for Success of the Entrepreneurial Recreation Experts; Types of Entrepreneurs; How Should an Entrepreneurial Recreation Experts Generate a Business Idea?; Stages of Starting a Business; Motivation to start a business, Business Idea, Work Program, Pre-assessment, Feasibility, Business Plan, Starting a Business, Business and developing the business, Business Plan Application.

REK226 Event Management in Recreation 2+0 3.5

Events and History; Types of Events: Cultural celebration, Stage arts, Business and commercial events, Sport events, Special events, Marginal events; Event Management Process: Research, Design, Plan, Coordination, Evaluation; Types of Event Manager: Event manager, Event planner, Event coordinator, Event producer, Skills required by an event producer, Habits of effective event producers, Organization committee, Officials.

REK228 Wellness and Life Coaching 1+2 4.0

The Concepts of Wellness and Life Coaching; Wellness Types: Physical wellness, Intellectual wellness, Emotional wellness, Social wellness, Spiritual wellness, Environmental wellness; Exercise: Proper use of body, Exercise that improve flexibility, Exercises that improve balance; Injury Prevention Methods; Nutrition and Healthy Life: Balanced diet, Diet and weight management, Avoidance of harmful habits, Methods of struggle with chronic health problems, Overcoming the stress; Motivation: Determination of individual motivation strategies; Goal Setting: Short, medium and long term goal setting; Planning: Effective time use; Communication: Compatible and effective communication methods.

REK230 Sport For All 2+1 2.5

The Aim of Sports for All; Sports for All in the World and Turkey; Sports as a Development Tool: Human rights and sports, Sports as a leisure tool; Community Health: Sports in neglected society groups, Health and exercise; Sports for All Activities: Wellness, Yoga, Hemsball, Sports for all festivals, Sportive events and traditional games, Sports for all leader; Sports for All Organization: Preparing program, Organising Events.

REK232 Leisure Education 3+0 3.5

Introduction to Educational Sciences: Culture, Culturalization, Types of education, Teaching, Learning, Education and teaching program; Theoretical Perspective to Leisure Education: Relationship between education and leisure, History of leisure education, Leisure education need in society; Leisure Education Approaches and Applications; Leisure Education Components: Awareness, Motivation, Time management, Social interaction skills, Problem solving.

REK234 Business Administration of Recreation 3+0 3.5

Recreation-Related Businesses; Introduction and General Knowledge: Aims and types of businesses, Business systems and outer environment of businesses; Foundation of Recreation Businesses: Pre-foundation studies, Foundation stages, Feasibility decisions; Legal Structure of Recreation Businesses: Private enterprises, Public utilities, Merging of businesses, Foreign capitalized enterprises, Multinational businesses, Global businesses; Functions of Businesses: Management, Marketing, Financing, Human resources, Accounting, Public relations, Research and development; Numeric Decision Models in Businesses: Decisio; Organizational Structure of Business; Purposes and Characteristics of Recreational Facility Operations; Management in Recreational Facility Operations; Human Resources Management in Recreation Operations.

REK236 Badminton 1+2 2.0

The Historical Development of Badminton: Badminton in the World, Badminton in Turkey; Badminton Materials Used: Badminton court dimensions and standards, Badminton, Rackets, Balls, Clothing, Shoes, Auxiliary materials; Badminton Game Rules: Badminton racket grip, The strokes and basic running techniques and positions: Strike zones and types of strokes: Forehand high service, Backhand short service, Drive service, Forehand stroke, Backhand stroke, Clear, Drop, Slam dunk, Drive, Net drop, Lop, Play at the Net; Running Aspects and Techniques; Running Techniques and Teaching Methodology; Work Samples and Teaching Methods with Play.

REK238 Mountaineering 1+2 2.0

Definition and Historical Development of Mountaineering; The Mountaineering Team Formation; Walking Techniques and Knowledge used in Mountaineering; The Materials Used in Mountaineering; Camping Supplies and Camping Building Techniques and Strategies; Climbing Accident; First Aid in Mountaineering; Nutrition Mountaineering; Hands of the Topics.

REK240 Squash 1+2 2.0

The Historical Development of Squash: Squash in the world and in Turkey; Materials Used: Playground, Paddle, Ball, Clothes, Shoes; Game Rules: Scoring, Errors; Basic Technique: Stance, Grip the racket, Ball-racket control, Movement control, Forehand and backhand strokes, Short swing hit; Service Shootout: Semi-lob dunk flat service, Service, Service, Hard; Welcoming Service: Standard welcoming service; Defensive Strokes: Straight drive, Cross court drive, Lob; Attack Hits: Boast, Drive (Straight), Practice for the development of technical tactics in squash.

REK242 Sports Aviation 1+2 3.0

Introduction to Air Sports: History of aviation; Air Sports Institutions and Organizations; Air Sports: General aviation, Acrobatics, Ultralight planes, Microlight planes, Gyrocopters, Gliders, Sky diving, Hang gliders, Hot air balloons, Paragliders, Aeromodelling; Paragliding: Paragliding history, Paraglider supplies, Paraglider aerodynamics, Paraglider controls and management, Meteorology, Paraglider safety, Paragliding air traffic rules, Paragliding emergency, First aid, Paraglider folding, Maintenance and protecting, Paragliding ground practicing.

REK246 Artistic Swimming I 1+2 2.0

To be able to apply the basic learning and teaching steps of artistic swimming, from the basic artistic movement, the application of the godihead, godifood, torpil head, torpil food, eggbetter movements made by moving thorough the water from the basic artistic movement, the application of the figures made with patience from the basic artistic movements; Analyzing artistic swimming tecnques, application of moving figures, static figures, basic figures and barrage figures.

REK248 Taekwando 1+2 2.0

The History of Taekwondo in the World and in Our Country; Explanation of Basic Technical Terms Related to Taekwondo; The Success of Our Country in İnternational Competitions in Taekwondo; Competiton Rules; Basic Postures: Juchoom Sohgi, Ahpkubi Sohgi, Ahp Sohgi, Moa Sohgi, Bum Sohgi; Basic Hitting Techniques: Ap-chagi, Dollyo-chagi, Naeryo-chagi, Yop-chagi, Banae-dollyo-chagi;

REK251 Kids Gymnastic 1+2 2.0

Gymnastics, Gymnastics and Children: Gymnastics in the world, Gymnastics in Turkey; Branches of Gymnastics, The Effects of Gymnastic on Psycho-Social Development, Physical Development, and Motor Development, Basic Gymnastics Forms; Walking , Running, Leaps and Skips; Basics Gymnastics Positions; Back and Front Bank, Push up Position, Balance Positions, Games which Develop Strength, Balance, Coordination and Flexibility, Basic Gymnastic Movements; Back and Front Rolls, Rhythm Education; Basic Dance and Drama Skills.

REK305 Leisure Time Economy 3+0 5.0

Economy and Leisure Time: Concepts of Leisure Time; Features and Functions: Historical Development of Leisure Time; Definition; Classification of leisure time activities: Long term leisure time, Short term leisure time, Individual, Community and family in planning leisure time activities, Economical factors; Leisure Time Activities for Different Economical Levels.

REK316 Pilates 1+2 2.0

Definition of Pilates; The Place and Importance of Pilates in Recreation; Benefits of Pilates; Guiding Principles of Pilates: Concentration, Control, Center, Precision, Breath, Fluidity, Imagination, Intuition; Pilates Equipment and Usage: Mats, Balls, Flex rings, Exercise bands, Reformer; Pilates Exercises: Exercises on the mat, Exercises with the ball, Exercises with the flex ring, Exercises on reformer; Customizing Pilates Programs in Recreation.

REK319 Scouting and Camping 1+2 3.0

What is scouting? : History of scouting in world and development of scouting in Turkey, Scouting oath, Uniform of scouting, coat of arms and signs, Equipments of scouting, communications, Orienteering, Technical signs and recognition of nature, Types of knot, Youth camps and types of youth camps, Personnel in camps, Chief of Education, Leader, Principal of camp, Camp activities; Sea security, Statutes of Youth camps, First aid practices.

REK320 Recreational Games 1+2 3.0

The Concept of the Game, The Game Emergence and Development; The Goals and Objectives of the Game; Purpose of the Game Teaching and Education; Importance of Game Effects on Children and Child Development; Game Selection and Training; Game Environments and Appliances; Grouping of the Game; Considerations in the Game; Security at the Games; Game Planning and Selection of Games, Game Applications; Education and Games Applications Games; Management and Games Applications Games; Assessment and Application of Game Play.

REK322 Project Implementation in Recreation 2+0 3.0

What is the Recreative Project?; Management of Recreative Project: Starting the recreative project management, Planning in recreative project management, Programming in recreative project management, Control in recreative project management, Closing in recreative project management, Understand the recreative project management; Porcess of Recreative Project Management; Project Life Cycle; Administrative Practices at All Stages of the Project Life Cycle: 7-S in recreative project management; General Principles of Recreative Project Management; Factors to Affecting Recreational Project Success; Recreative Project Manager; A General Model for Project Management in Recreation.

REK324 Entertainment Marketing 2+0 3.5

Leisure and Recreation: Relationship between entertainment, leisure and recreation, Marketing of leisure and recreation; Entertainment Industry: Usage of entertainment in industry, Characteristics and dimensions of entertainment industry; Entertainment Marketing: Concept of entertainment, Marketing of experiment and entertainment, Experiential marketing, Characteristics of entertainment marketing, Consumer of entertainment; Evolvment of Entertainment Industry: Recreational Shopping, Culture and art, Cinema, Music, Television, Radio and Magaznies, Internet, Sport Industry and Sponsorship, Computer and Console Games, Gambling and Lotery, Travel and Tourism, Event Marketing.

REK326 Urban Landscape and Recreation 2+0 2.5

Landscape, Urban Landscape and Recreation: Natural landscape, Cultural landscape, Urban Space, Urban Landscape and recreation; Urban Open and Green Areas: Intramural green areas, Extramural green areas; Recreational Landscape: Sports field, Parks and playing areas, Squares and pedestrian areas, Recreation and Accessibility; Analyzing of a Recreation Area in the Urban Space: Univercity Campus, Waterfront, Pedestrian areas.

REK328 Effective Communication on Recreation 2+0 3.0

Concept and Process of Communication: Source/Sender, Receiver, Message, Channel, Effect; Verbal Communication: Philosophical argumentations, Language and culture, Image, Reputation, Be affected of receiver; Body Language: Facial expressions and head movements, Hands, Arms and fingers, Use of legs and sitting concepts, Distance and body contact between human communication, Symbols of statue; Colors and Communication: Colors and their meanings, The use of colors in business world, The use of colors in recreational activities; Effective Speech: Use of language, Break down the prejudices, Types of expressions; Persuasion and Communication.

- REK330 Performance and Career Management 3+0 4.0**
 Performance Evaluation and Performance Management in Terms of Human Resource Management: Performance evaluation and performance management, The basic elements, goals and benefits of performance management; Establishment of Performance Management System; Execution of Performance Management System; Development of Performance Management System; Career Concept and Basic Dimensions in Terms of Human Resource Management; Career Management; Career Planning; Career Development.
- REK331 Recreation Programming and Planning 3+0 3.0**
 Programming Concept in Recreation; Historical View to Leisure Programming: The classical era, The modern era; Program Philosophy in Recreation: Aim of program philosophy, Effects of philosophical trend on philosophy of recreation program; Service Systems in Recreation Programs: Governmental system, Voluntary system, Commercial system; Program Development Approaches in Recreation: The traditional approach, Trends approach, The expressed desires approach, The authoritarian approach, The social-political approach, Cafeteria style approach, Community leadership approach; Program Design Elements in Recreation: Program goals, Program areas, Program formats, Program evaluation; Concepts Which Effect Leisure Programming: Time, Facilities, Staffing, Equipment and supplies, Marketing and sponsorship.
- REK332 Park Recreation 3+0 4.0**
 Park Management: Organization structure and administrative operations, Strategic management planning, Recreation program planning, Program services and event management, Physical resource planning, Information technology management, Human resources management, Budgeting, Risk management; Marketing; Policies and Decision Making; Professional Development; Maintenance: Maintenance of buildings and structures, Maintenance of equipment, Maintenance of ground, Maintenance of general outdoor.
- REK333 Leisure and Psychology 3+0 3.0**
 Relationship between Leisure and Psychology; The Role of Psychology in Leisure and Recreation; Psychological Well-Being and Leisure; Personality Traits and Leisure; Leisure Behavior; Theories Explaining Leisure Behavior: Spillover theory, Leisure paradigm, Flow theory, Leisure class theory, Serious and casual leisure theory, Self-determination theory; Factors Effecting Leisure Behavior: Leisure need, Leisure motivation, Leisure satisfaction.
- REK337 Outdoor Sports and Camping 1+2 3.0**
 Basics of Outdoor Sports; Philosophy of Outdoor Sports; History of Outdoor Sports; Trekking; Rock Climbing; Mountain Biking; Canoeing; Water Ski; Ski; Educating Diverse Groups in Outdoor Settings; Practical and Theoretical Study of Leading: Outdoor leadership skills, Styles, Methods; How these translate to general leadership methods in other settings, How leadership styles impacts learning; Basic Camping Skills: Navigation, Caring for resources; Camping Gear and Apparel; Safety in Camping; Effects of Camping in Life.
- REK339 Winter Camp Appliance 0+4 3.0**
 Snow; Skiing; Knowledge of equipment; The Mechanical Principles of Skiing; The Skier's Motion: Acceleration, Turning, Slowing, The Steering angle, Controlling the ski's self steering effect; Leaning: Backwards, Forwards; Controlling Interaction with the Snow: Accordance, Learning, Head movement, Balance; Synchronizing Fore-Aft Movements with the Phases of Turn; Left and Right Movement; Reducting the Force From the Snow; Turning the Skis: Leg rotations, Anticipation, Torque from the pole plant, Upper body rotation, Changing center of gravity, Hip rotation, Counterrotation; Edging The Skis; Lateral Balance: Balancing against the snows lateral force, Linking parallel turns.
- REK341 Group Exercises 1+2 2.0**
 Basic Anatomy and Physiology in Group Exercises: Exercise physiology, Kinesiology, Biomechanics; Nutrition and Weight Management: Balanced diet and exercises; Essentials of Teaching: Basic exercise standards and guidelines, Warm-up and cool-down, Music selection and mapping, Choreography, Cueing, Instructional techniques, Motivation; Exercise Selection: Technique, Exercises with or without equipment; Alternative Group Classes 1: Latin aerobics, Far burning, Crunch; Alternative Group Classes 2: Body forming, Aqua fitness, Indoor cycling; Injury Prevention; Emergency Response and Special Populations.
- REK343 Tennis 1+2 2.0**
 The Historical Development of Tennis and the Materials Used in Tennis: Tennis court sizes, Racquet, Balls, Nets, Clothing, Shoes and tennis explanation of rules of the game, Single and double competitions; Tennis Referee and Basic Information About the Organization of Events; Work Focuses on Teaching Different Age Groups: Studies for the ball and racket coordination, Flat forehand and backhand strokes, Forehand and backhand volley, Forehand smash technique and serve.
- REK345 Masa Tenisi 1+2 2.0**
 About the Historical Development of Table Tennis Sport and Materials Used: Field dimensions, Racquets, Nets, Clothing, Shoes and expression of the rules of the game, Single and double competitions; Table Tennis Basic Information About the

Organization of Refereeing and Organization; Studies for the Ball and Racket Coordination for Different Age Groups; Forehand and backhand flat strokes, Forehand and backhand chop, Forehand and backhand spin and service.

REK347 Horseback Riding 1+2 2.0
Horses and History of Horseback riding; Horse Equipments and Tools; Horse and Manage Care; Behaviour in Horses; Horse Applications in the World; Basic Education on Horses; Horses and Nutrition; Horse Races; Horse Occupation Health and Hygen; First Aid on Horse Accidents.

REK349 Psychosocial Rehabilitation 3+0 4.0
Introduction to Psychosocial Rehabilitation; Basic Concepts and Definitions; Principles and Methodology: Goal, Values, Ethics, and Guiding principles; Methods: Psychosocial rehabilitation readiness, Rehabilitation diagnosis, Rehabilitation plan, Rehabilitation interventions, Skill acquisition and development; The Framework: Medication, Stress management, Crisis intervention, Problem analysis, Psychoeducation for families; Management in Psychosocial Rehabilitation; Psycho-Social Rehabilitation of People with Visual and Hearing Disabilities; Psycho-Social Rehabilitation After an Accident; Stress: Post-traumatic stress syndrome, Depression and ways of coping.

REK350 Creative Drama 1+2 4.0
Related Terms: Drama, Game, Dramatic game, Symbolic game, Free game, Imaginary game, Imagination, Creativity, Creative arts, Spontaneous narratives, Educational drama; Dramatic Efficiency as a Multi-Sense Powerful Learning Tool: Imaginary games and cognitive and emotional development in young children; Creative Drama Activities in Pre-School and Primary School Ages: Denunciation and role games, Dramatic play, Storytelling, Puppet games, Pantomime, Dance and drama, Children's games; Practices Related to the Fields in the Curriculum: Speaking, Reading, Writing, Mathematics, History Teaching and Drama; Planning of Drama Lesson.

REK351 Fitness I 1+2 4.0
Concept of Fitness: Fitness equipments, Fitness machines; Aerobic Exercises, Anaerobic Exercises; Endurance Training: Chest exercises that improves endurance, Back exercises, Shoulder Exercises, Biceps exercises, Triceps exercises, Abdominal exercises; Supplements.

REK352 Fitness II 1+2 4.0
Agonist and Antagonist Muscle Exercises; One Rm Max Calculation Methods; Super Set Exercises; Giant Set Exercises; Strength Training: Strength development, Strength types; Training Periodization; New Approaches in Fitness (crossfit, trx, vibration and ems training); Group Exercises.

REK353 Crossminton 1+2 2.0
History of Crossminton Sports and Crossminton in Turkey; General Information About Crossminton; Explanation of technical terms in Crossminton, Application of categories in Crossminton, Introduction of Crossminton materials, Technical characteristics of the Crossminton court, Aerodynamic structure of the racket and ball, General information about the competitions, Information about hitting techniques, Contribution of Crossminton to physical and cognitive development, Organization of competitions, Individual competitions, Team competitions, Organization and technical committees in official competitions.

REK355 Mountain Bike 1+2 2.0
Basic Concepts of Cycling: Rules, Equipment, Driving techniques, History of mountain bike; Features of mountain cycling; Bike settings, Gears, Brakes, Cadence and chain settings, Helmets; Driving techniques: High speed rotations, Low speed rotations, Climbing, Straight road usage; Driving planning: Field planning, Map usage, Nutritional factor, Liquid consumption; Group driving: team driving, Important elements, Team recommendations; Driving recommendation: Conditions to be taken into consideration, First aid recommendation, Recommended routes.

REK357 Innovation Management in Recreational Businesses 2+0 3.0
Basic Concepts: Innovation, Entrepreneurship, Creativity, Invention, Design; Types of Innovation and Diffusion of Innovation; Theoretical Infrastructure of Innovation; Modern Understanding in the Innovation Process; Innovation Practices; Innovation in Recreational Businesses; Innovation Management; Innovative Organizational Culture; Factors and Practices Determining Innovation in Recreational Businesses; Innovation Sources and Strategies; Protection of Innovations and Legal Framework; National Innovation System

REK414 Recreation and Urbanization 3+0 4.0
History of Cities; Pre-Industrial Cities; Urban Social Science; Urban Economics; Urban Culture; Urbanization; Environment and Management in Turkey; Environmental Policies and Development Plans in Turkey; Place of Recreation's Urban Environmental Policies and Development Plans in Turkey; Technological Transformation in The Process Formation and Problems of Recreational Environment; Recreational New Approaches in the Process of Globalization; Recreational Understanding in The European Union Environmental Policy and Turkey.

REK416 Research and Project in Recreation 0+4 4.0
Scientific Research Subjects in Recreation; Defining a Research Problem in Recreation; Writing Research Hypothesis and Choosing Research Method in Recreation; Selecting Sample and Population in Scientific Researches in Recreation; Data-Gathering Techniques in Scientific Researches in Recreation; Gathering and Analyzing Data in Scientific Researches in Recreation; Reporting and Representing the Scientific Research Project in Recreation.

REK417 Baseball 1+2 2.0
Information of baseball field and equipment, Game in for motion, Rules, Techniques of defense players, Throw and holding information, characteristics of inside field players, Techniques of inside field players, Exercise of techniques characteristics of outside Field players, Techniques of outside field players, Exercise of techniques, Techniques of boaster, Types of throw, Exercises of boaster, Holder techniques, Exercises of holder, Techniques information of offence players, striker techniques, Exercises of striker, characteristics of players in sequence, Running techniques between goals and their exercises, Tactics information, Double game, Bund technique, A homerun Throw tactics of boaster.

REK419 Billiards 1+2 2.0
Introduction to billiard, foot an floor, positions of foot ,body and arms, holding stick, arm movements, stroke, basic strokes, kleps, sirt, dive: symbols and signs of three ribbon system, cvebride, cveball ,brikal system; Long stroke; short stroke, hand stroke, soft stroke, positions of stick, systems of three ribbon play; RC, Vienna, Zig_zag ,Brikal.

REK420 Recreation in Campuses 3+0 3.5
Theoretical Foundations of Campus Recreation; The History and Evolution of Campus Recreation; Programming and Facilities: Instructional programs, Fitness and wellness, Administration of intramural and extramural sport, Aquatics, Outdoor recreation, Facilities, Sport clubs; Operations and Management: Writing a business plan for a campus recreation department, marketing; Assessment, Risk Management; Professional Aspects of Campus Recreation: Ethics, Sustainability road map to implementation and practice, Campus recreation careers and professional standards; Council for the Advancement of Standards (CAS) Standards for Recreational Sports in Higher Education.

REK421 Orienteering 1+2 3.5
The Definition, Aim and Content of Orienteering; The Teaching of Orienteering in Elementary School, Teaching In Tourism, Mapping; Characteristics of IOF Maps, Learning Maps; Using Orienteering Compass; Definition of Course For Competition, Preparing Course Principles; Characteristics of Control Points; Orienteering Competition; Land Workings; Team Equipments, Characteristics of Competitor, Referee knowledge; Land Working.

REK422 Recreational Therapy Techniques 3+0 4.0
Basic Concepts, Purpose and its Organization. Therapies and its Theories: The Eclectic approach, Cognitive-Behavioral approaches; Therapy Techniques: Physical activity, Adventure therapy, Creative arts, Social skills training; The Therapeutic Recreation Process: Conceptual models, The leisure ability models, The Humanistic perspective, The Interview Method, Client Assessment; Therapeutic Recreation Helping; Communication Skills: Effective interpersonal communication, Success in verbal communication; Leadership in Therapeutic Recreation: Leadership roles, Groups and structures; Specific Leadership Tasks: Learning process, Teamwork, Motivation; Clinical Supervision.

REK423 Recreation in Disabled Group 3+0 3.0
The Meaning and Importance of Recreation for Disabled; Variety, Reasons and Classification of Disabled; The Effects of Recreative Activities on Disabled Persons; Recreative Activities: Health related physical fitness, Rhythmic movement and dance, Aquatics, Educational games, Winter activities, Adventure and outdoor activities; Modifying Movement Experiences: Modifications for intellectual, orthopedic, visual, deaf and hard-of-hearing disabilities; Programming Recreative Activities for Disabled: Programming for intellectual, orthopedic, visual, deaf and hard-of-hearing disabilities; General Program Evaluation.

REK425 Yoga and Meditation 1+2 4.0
Definition of Yoga and Meditation; The Place and the Importance of the Yoga and Meditation in Recreation; Benefits of Yoga and Meditation; Guiding Principles of Yoga: Breathe, Yield, Radiate, Center, Support, Align, Engage; Importance of Chakras in Yoga and Meditation; The Basic Yoga and Meditation Exercises; Yoga Poses and Postures; Some Yoga Practices: Classical yoga, Yoga for Children, Pregnancy yoga, Elder yoga.

REK426 Material Design in Recreation 2+1 3.0
Benefits of Material Design and Contribution to Development: Contribution to physical development, cognitive development, social and emotional development; Regulations To Visual Messages in Material Design: Visuals, Color, Scripts, Multimedias, Visual language, Visual encoding, Visual literacy; Two and Three Dimensional Material Design:

Game oriented material design, Sporty practices oriented material design, Animation oriented material design; Creativity in Material Design: Originality, Effectiveness, Visuality, Fitness for purpose.

REK428 Leisure Economy 3+0 3.5

Leisure Time Concepts; Industry of Leisure Time: Features of industry and functions, classification of leisure time industry, Planning and programming of leisure time; Person, Society and Family Impact: Realition of economic and leisure time, Participation of leisure time activity; Demographic and participation factors, Developmental analysis, Leisure time products; Example of Participation in Turkey and World.

REK429 Adventure Recreation 3+0 4.0

Scope and Fundamental Concepts of Adventure Recreation; Place and important of Adventure Recreation; Types of Adventure Recreations; Adventure Tourism: Being developed of adventure as tourism products, The relationship with adventure recreations of adventure tourism and risk, Adventure tourism activities, New concepts and extended scope of adventure tourism, Industrial size of adventure tourism; Adventure Recreation Education: Recreation programs in adventure and nature education, Sample applications in adventure and nature education programs, Responsibilities of adventure and nature education programs, Adventure and nature education applications in schools.

REK430 Human Resources Management in Recreation 3+0 3.5

Human Resources Management: The development and struching, Historical development, Activities, Objectives, Principles, Place in the organizational structure and importance; Professional Status of Recreation Services: The characteristics of a profession, Professionalization of the process; Individual Differences in Human Resources Recreation: Cognitive skills, Emotional intelligence; Values in Human Resources Recreation: Model of motivation, Motivation to personal investment; Recreation Practices in Human Resources: Job design, Career and employment issues, Leadership, Performance evaluation and reward systems.

REK432 New Approaches in Recreation 2+0 3.0

Leisure in Postmodern World; Recreation and Brain Plasticity; Correctional Recreation; Emotions and Recreation; Electronic Leisure; Social Media and Recreation; Religious Recreation; Rituelistic Recreation; Serious and Casual Leisure; Project-based Recreation; Deviant Leisure; Spa and Wellness Recreation; Conspicuous Leisure; Forensic Leisure; Space Recreation; Recreational Shopping.

REK433 Customer Relationship Management Recreation 3+0 4.0

Human Resources Management, Development Process and Structure: Historical development, Operations, Aims, Principles, Place and importance in organization structure in; Business Relations Management, Customer-Managed Relationships, Customer Satisfaction Measurement, Customer Satisfaction Index, Customer Interaction Solution, Sales-Force Automation, Customer Value Management; Customer Satisfaction Cycle: Plan, Control, Apply.

REK434 Volunteerism and Volunteer Education 2+0 3.0

What is the Volunteerism?; What are the Gains of Volunteerism to Person?: Volunteerism in civil society organizations; Management of Volunteer: Volunteer job description, To get volunteer, Volunteer orientation, Volunteer training, Volunteer motivation; Spirit of Being Group; Team and Squad in Volunteerism; Communication Skills in Volunteerism; Leadership Studies in Volunteerism; Volenteer Programs; Volenteer Applications.

REK436 Summer Camp Appliance 0+4 3.0

Basic Trip Planning: Clothing, Sleeping, Cooking equipments; Hygiene Practices in Nature; Climbing and Camping; Safety; Emergency Procedures: First aid and emergency care; Camping Applications; Introduction of Summer Camp Program: Making daily and weekly programs for summer camp; Using Technical Abilities for Swimming; Sea Safety and Security Actions; Protection From Unhealthy Sunlight; Equipments Which are Used in Summer Camp and Water Sports; Canoe Education: Single canoe education, Double canoe education; The Games Which are Played in Water; Knowledge of Understanding the Weather Conditions Correctly; Wind Surfing Education: Knowledge of wind types, Choosing the right equipments, Transferring the center of gravity from one side to another; Wave Surfing Education: Catching the right wave, Finding balance on board; Social Activities in Camp; Protection Methods Against Wild Animals.

REK437 Skill Learning and Teaching in Recreation 3+0 3.5

Basic Concepts of Recreation, Sport and Education: Education, Teaching, Learning, Method, Technic, Tactic, Skill, Performance, Exercise; Multiple Intelligence Theory; Conceptual Approach to Relationship Among Recreation; Learning and Teaching; Motor Learning: Theories, Learning styles; Teaching Approaches in Sport and Recreation: Expository approach and exploratory approach; Teaching Methods in Sport and Recreation: Command method, Practice method, Reciprocal method, Self-check method, Inclusion method, Guided discovery method, Divergent method, Individual method, Learner initiated method, Self-teach method.

REK438 Step-Aerobics 1+2 2.0

Step Aerobics; Aerobic Programs: One hour aerobic and step program, Music chose; Equipment for Aerobics and Step; Flexibility, Strength, Body fat burning, Endurance; Teaching Skills in Aerobic and Step; Aims of Aerobic and Step in Age Groups; Problems on Aerobic and Their Solutions.

REK439 Facility, Site and Material Management in Recreation 2+0 2.5

Sports Facilities: Its historical development, Outdoor sports facilities, Indoor sports facilities; Sports Facilities and Materials Industry Classification: Athletics, Football, Basketball, Volleyball, Handball, Tennis, Badminton, Crossminton, Gymnastics, Swimming; Sports Facilities and General Care of materials Used; Sports Facilities Planning: Organization of sports structures; Facilities Management: Sports-related dimension of activities, facilities and image, Sporting events, Programming, Staff of the facility management tasks, Staff need, Health services; Risk management: Concept, Classification, Components, Security.

REK440 Fencing 1+2 2.0

The History of Fencing and Fencing in Turkey; General Information About Fencing: Competitions, Explanation of technical terms in fencing; Features of Fencing Weapons: Smallsword, Epee, Sword; Style in Fencing: Physical qualifications, Mental qualifications, Guard, Move, Simple move, Flash, Fencing direction, Trenches, Attack, Defiance; Fencer' Equipment; Competition in Fencing and to Decide Results. Organization of Competitions; Individual Competitions: Branches, Participations; Team Competitions; Legal and Technical Committees in Official Competitions.

REK441 Accessibility of Recreational Areas and Buildings 2+0 3.0

Environment and Users; Recreational Areas and Buildings in the Built Environment: Open spaces, Green areas, Buildings; Accessibility as a Right and Life Quality: International legislation, National legislation; Recreation and Accessibility: Urban space, Architectural spaces, Landscape; Analyzing of a Recreational Spaces in Terms of Accessibility in the Urban Scale: Parks and playground, Sportfields, University campus, Shopping centers.

REK442 Archery 1+2 2.0

Basic Terms of Archery: Safety precautions, Archery Equipments: Types of bows, Arrows, Arm guard, Chest guard, Finger tab; Basic Archery Techniques: Stance, Inserting the arrow, Holding, Drawing, Full draw, Aiming, Follow through; Basic Equipment Adjustment: Bow uploading, Sight adjustment.

REK443 Recreational Team Building Practices 2+1 4.0

Importance of Team Work and Team Building; Team Types and Effects; Team and Leadership: Leadership skills; Team Building Skills; Effective Communication Skills in Team Building: Verbal and nonverbal, Art of listening, Barriers to communication; Team Motivation: Intrinsic and extrinsic; Problem Solving: Define the problem, Problem solving technics and steps; Decision Making Skills; Importance of Collaboration in Team; Faith in Team; Allocate Responsibility and Entrustment in Team; Practice of Content.

REK444 Orienteering 1+2 2.0

The Definition, Aim and Content of Orienteering; Orienteering and Environmental Awareness; The Teaching of Orienteering: Teaching in elementary school, Teaching in tourism; Mapping; Characteristics of IOF Maps; Using Orienteering Compass; Determination of Course for Competition; Characteristics of Land; Preparing Course Principles; Characteristics of Control Points; Orienteering Competition; Land Workings; Team Equipments; Characteristics of Competitor; Referee Knowledge.

REK445 Recreational Sponsorship 3+0 4.0

Historical Evolvement and Basic Concepts of Sponsorship: Differences between charity, donation and sponsorship, Types of Sponsorship: Categorization of sponsorship, Definition, application and evaluation of sponsorship strategy, Sponsorship and advertising, Sponsorship and product information; Relation Between Entertainment Industry and Recreation: Public relation for entertainment business, Relation Between Public relation, recreation and sponsorship; Contemporary Cases about Public relation and recreation.

REK446 Elite Fitness 1+2 4.0

Concept of Elite Fitness: Elite fitness equipments, Elite fitness techniques, Threshold training; Nutrition: Avoiding metabolic derangement, Glysemic index, Meal plans, Optimizing performance, Supplementation; Nine Foundational Movements: Air squat, Front squat, Overhead squat, Shoulder press, Push press, Push jerk, Box jumps, Medicine-ball clean, Training principles, Workout of the date, Every minute on the minute, as Many repeats as possible.

REK447 Pool Activities 1+2 4.0

Application and Teaching of Games to be Applied in Shallow and Deep Pools in Different Age Groups; Use and Training of Aquapark Materials; Application and Training of Underwater and Diving Sports; Diving Physics: Free diving, Instrument diving, Lifeguarding; Surfing; Sail; Introduction and Teaching of Rowing and Catamaran Vehicles; Synchronized

swimming; Jumps: Tower jumping, Trampoline jumping, Platform jumping; Water Polo Game: Game rules and referees, Opening and teaching of water games on physical disabilities.

REK448 Brand Management 3+0 4.0

Brand as a Diversification for Products: Brands for customers, Brands for companies, Articulation value; The Basic Concepts of Brand: Associations, Awareness, Image, Personality; The Awareness of Brand, Brand associations, Brand attitude, Brand loyalty, Brand image, Brand personality, Brand identity, Brand equity; The Communication Strategies About Brand: Brand placement and factors of brand placements; Commercial Recreation and Brands in Leisure Market.

REK450 Pilates Reformer 1+2 4.0

Effective Use of Reformer: Developing strength with reformer, Developing peripheric extremity conditioning with reformer, Developing flexibility with reformer, Developing balance with reformer, Developing coordination with reformer, Developing joint stability with reformer; Reformer Equipment Set-up; Theory and Practice of Postural Analysis; Beginner, Intermediate and Advance Reformer Exercises; Personal and Group Classes with Reformer; Customizing Pilates Reformer Program in Recreation.

REK452 Stage Design and Choreography 2+1 4.0

Presentation of the Possibilities of the Stage: Location of the stage, Lighting, Acoustics; A Practical Study on a 33 Methodical View on the Work that the Student Picks Before and After the Concert and the Recruitment of the Competition; Fulfilling Requirements Before Proofing; Behaviors Against Friend and Chef; Preparations Before the Concert; Concert Outings and Concert Behaviors; Concert Behavior; Stage Psychology.

REK453 Scuba diving I 1+2 4.0

Theoretical Training: Administrative course, Basic equipment, Basic diving signs, Pressure volume relations, Independent instrument diving equipment, Physics, Physiology, Floating equipment, Diving suits and related materials, Maintaining and storage of equipment, Self-recovery and rescue, Safe diving rules, Diving area selection and protection, Decompression tables; Practical Training: Practicing in the water with ABC materials, Getting to knowing and preparing diving equipment, Techniques getting in and out to water and descending and rising in the water, Regulator detection, Mask evacuation, Air sharing, Floatability, Underwater equipment training.

REK454 Scuba diving II 1+2 4.0

Theoretical Training: Diving diseases, First aid and diving, Weather calculations, Nitrogen absorption, Deep diving, Night diving, Decompression tables, Diving planning and organization, Underwater navigation; Practical Training: Techniques for towing and transporting injured personnel on water with diving equipment, Artificial respiration in water, Artificial respiration and cardiac massage, Unconscious diver rescue, Deep diving, Night dive, Compass use on land, Compass use underwater.

REK456 Sport Climbing 1+2 2.0

What is Sport Climbing; The History of Sport Climbing: The historical development of sport climbing in the world history, The historical development of sport climbing in Turkey and the level of it; The Introduction of Sport Climbing Equipment: Safety belt used in sport climbing, Rope, Climbing shoes, Helmet, Magnesium powder, Magnesium bag, Safety tool, Carabiner and express, The differences between the equipments used in sport climbing, The technical and tactical features about the equipment used in sport climbing; Spor Climbing Disciplines and the Climbing Wall: Top rope climbing, Leader climbing, Boulder and speed climbing.

REKSJ302 Internship 0+4 5.0

Information about Internship: Internship duration, Internship application, The nature of institutions where internship can be done, Preparing internship report; Determination of Internship Institutions/Organizations within the Framework of Recreation Specialization Areas: Public and local government recreation, Therapeutic recreation, Commercial recreation, Workplace recreation, Campus recreation, Tourism recreation, Sports recreation; Internship Application: Filling the internship application and acceptance form, getting the internship application and acceptance form approved by the internship commission; Editing the Internship File.

RHi452 Sport Marketing Communication 3+0 4.5

Sports Marketing and Marketing Communication: Concept and context of sports marketing, Communication dimensions of marketing, Communication mix in sports, Process of IMC in sports; Applications of Marketing Communication Components in Sports: Sports public relations and management, Advertising activities in sports and management, Personal marketing in sports, Sales promotion mix in sports and management, Direct marketing in sports, Sports sponsorship, Event management in sports; Sports Brand Communication: Case studies, Brand placement in sports; Marketing Communication Planning Process in Sports.

- RSM152 Painting 2+0 4.0**
Painting Techniques: Pastel, Watercolor, Collage, Wash and brush, Mixed media, Oil, Acrylic; Basics of painting; Materials: Paper, Brush, Paint, Usage; Elements of Design: Composition, Rhythm, Color, Form, Movement, Line, Perspective; Color Theory: Balance, Unity, Studies; Study of Classic and Contemporary Works of Art; Contemporary and Original Work by Individuals and Groups.
- RUS255 (Rus) Russian I 3+0 4.0**
Russian Alphabet; Transcriptions of Sounds in Russian; Russian Orthography; Phonetic Perception of Sounds; Consonants and Vowels; Intonation and Stress; Nouns: Proper and Common Nouns; Masculine, Feminine and Neutral Nouns; Russian Names for Men and Women; The Use of Number with Nouns; Greeting Structures; Asking for Directions; Introducing Oneself; Asking and Telling the Time; Patterns Used in Shopping; Patterns Used in Telephone Conversations.
- RUS256 (Rus) Russian II 3+0 4.0**
Plural Nouns; Construction of Plural Nouns: Plural-only and Singular-only Nouns; Adjectives: Types of adjectives, Forms of Adjectives; Numbers: Different Types of Numbers; Verbs: Types of verbs; Infinitives; Tenses: Present Continuous Tense, Past Tense, Future Tenses; Action Verbs.
- SAĞ103 Knowledge About Health 3+0 4.5**
Definition of Health and Disease; Health in Society; Health Services; Protective and Curing Health Services; Personal Hygiene in Sport; Cleaning; Nutrition; Dressing; Mouth and Teeth Health; Health of Environment; Water Hygiene; Effect of Polluted Air, Contagious Diseases: Protection, Serious Diseases; Expansion Ways: Health in Sport: Obesity, Weakness, Sexual Life, Cigarette, Alcohol and Bad Habits; Health Problems in Cold and Hot Weather, Health Problems in Water.
- SAĞ128 Health Information and First Aid 2+0 2.0**
Medical Knowledge: Definition, Purpose; Health-Related Developments; Disease Prevention; Methods for Developing a Healthy Lifestyle; Hygiene, Harmful habits and effects for children and young people, Common sports injuries and ways of protection in children and adolescents; First aid: Definition, Purpose, Decision in case of emergency, Dressings and bandages, Carrying, Respiration and heart stop, Injuries and bleeds, Heat injuries, Burns, Toxicities, Obstruction and drowning, Fractures and other musculoskeletal injuries, first aid in bites; Information on the importance of first aid in accidents and traffic accidents.
- SAĞ204 Avoiding Sports Injuries and Rehabilitation 3+0 4.0**
Concepts in Sport Injuries; Trauma, Physical Connivance, Environmental Conditions; Personal Factors; Injuries Etymology; Attendance Periods in Training; Muscular Injuries; Tendon Injuries; Joint Injuries; Knee Injuries; Ankle Injuries; Shoulder Injuries; Wrist Injuries; Rehabilitation in Sport Injuries; Massage; Cold Treatment; Superficial Heat Treatment; Deep Heat Treatment; Bandage; Statistics of Sport Injuries.
- SAĞ208 Physical Activity and Nutrition 2+0 3.0**
Definition of Nutrition; Diet; Nutrient Components and Food Groups; Benefits of Physical Activities; Energy and metabolism on Exercising; Exercising and Nourishment; Nutrition Problems; Individual Specific Nutrition; Exercising programs; Obesity and Exercising.
- SAĞ211 Movement-Motor Progress 2+0 2.5**
Basic Concepts Related to Development: Principles of development, Factors affecting development; Stages of Developmental: Physical development, Psychomotor development and phases of psychomotor development, Left-handedness and right-handedness management, The relationship between physical, Psychomotor development and other development areas; Physical and Psychomotor Development Environment for the Preparation of Training; Mental development: The definition of mental development, The characteristics of mental development, Concepts related to mental development, Mental development according to Piaget, Cognitive development principles according to Piaget, Piaget's cognitive development stages, Criticism against Piaget's theory and the new arrangements; Multiple Intelligences Theory.
- SAĞ212 Athlete Health 2+0 4.0**
Evaluation of athletes: Evaluation of physical structure, evaluation of performance, preventing the sport injuries, general health control, warm-up and cool-down exercises, stretching exercises, game rules, sport fields, sport equipments and assistant equipments, health education and knowledge of athletes and trainers, sport injuries according to sport branches, sport classification according to sport injuries, sport classification according to reasons, classification of tissue injuries, recovering of tissue injuries.
- SAĞ301 Psycho-Motor Development 3+0 4.0**
Concepts for Development: Concepts of Motor Development; Motor Development Areas; Child Development; Factors Effecting Motor Development: Prenatal Factors; Birth Factors, Infancy and Child Phases; Growing; Psychomotor Development Phase: Reflex Movement Phase, Primitive Movement Phase, Basic Movement Phase, Peculiarities of Psychomotor, Perceptual Motor Skills, Concept of self-respect.

SAĞ410 First Aid and Rehabilitation 1+2 3.0

First Aid in Sport; Injury, Freezing, Burn, Poisoning, Drown; First Aid in Heart Stroke and Respiration: Shock, Congestion, Respiratory System, Heart Stroke, Bleedings, Fractures and projections, Effects of hot weather and cold weather; Injuries of Movement System and First Aid: Bleeding control, Compression.

SAN155 Hall Dances 0+2 2.0

Basic concepts. The ethics of dance, Dance Nights, Dance Costumes, National International Competitions and rules/grading, Basic Definitions, Classifications of Dances: Social Dances; Salsa, Cha Cha, Samba, Mambo, Jive, Rock'n Roll, Jazz, Merenge; Flamenko, Rumba, Passa -Doble, Argentina tango, Vals, Disco, Quickstep, Foxtrot, Bolero, European Tango; Ballroom Dances; Sportive Dances; Latin American Dances; Samba, Rumba, Jive, Passa-Doble, Cha Cha, Standart Dances; European Tango, Slow vals (English), Viyana vals, Slow foxtrot, Quickstep.

SAN417 Modern Dance 1+2 4.0

Description of Modern Dance; The Development of Modern Dance in the World and in Turkey; Basic Techniques in Basic Dance Education: Locomotor and non-locomotor movements; Importance of Warming-up in Dance; Importance of Cooling-down in Dance; Strength and Flexibility Exercises; Basic Modern Dance Techniques; Different Movement Links; Knowledge of Metronome; Choreography; Music Selection Particular to Dance; Improvisation: Basic concepts, Sources; Preparation of Individual and Group Choreography.

SAT101 Chess 1+2 3.5

History of Chess; Introduction to Chess: Movements of rook, pawn, knight, bishop, king and queen, Capturing men, Types of movements, Meaning of notation, Value of pieces, Movements of king, General chess rules; Basic Movements to Win the Game: Examining opening and closing directions, Castling, Taking en passant, Single and double step of the rook, Final of pawn, Getting advantages in the game; Understanding Checkmate Problems: Examining problems of double attack and their solutions.

SAT201 Chess 2+0 2.0

Description of King; Description of Rook; Checkmating King by Rook and King; Checkmating King by King and Queen; Checkmating King by Two Bishops and King; Checkmating King by Knight, Bishop and King; Checkmating by Two Knights; King against King, Pawn; King, Bishop Against King, Queen; Knight, King against King, Queen; Rook, King against King Queen; King Queen against King Queen; Bishop, King against Rock, King; Knight, King against Rock, King; Pawn, King against King Queen; Pawn, King against Bishop, King; Pawn, King against Knight, King; Pawn, King against Rook, King; King and a Piece against Knight, Pawn, King; King and a Piece against Bishop, Pawn, King.

SNT155 History of Art 2+0 2.0

History of Civilization and Evolution of Art: Prehistory to Present; Concepts and Terminology in Art with Samples; Interrelation among Art-Religion and Society; Effects of Religion on Artistic Development; Reflections and Interpretations of Judaism, Christianity and Islam on Art; Renaissance: Emergence, Effects, Artists, Works of Art; Architecture and Plastic Arts; Art in the 19th and 20th Centuries: Relevance of the main historical events of the period.

SOS107 Behavioral Sciences 2+0 3.0

Introduction to Sociology and the Sociological Method; The Emergence of Science of Sociology and Sociological Theories; Society and Social Structure; Culture; Socialization; Social Groups; The Family; Social Stratification and Social Change; Introduction to Psychology; Psychology of Lifelong Development; Motives and Emotions; Sensation and Perception; Learning; Psychology of Personality and Personality Theories; Social Effects on Behavior; Attitudes.

SOS135 Sociology of Leisure 3+0 4.0

Definition of Leisure and Sociology; Definition of Sociology of Leisure; Relationship between Leisure and Sociology; Contemporary Trends in Sociology of Leisure; Leisure and Social Relations: Societal class and leisure, Gender and leisure, Ethnicity and leisure; Woman and Leisure, Children and Leisure; Leisure Theories: Alienated leisure, Deviant leisure, Leisure and inequality, Feminism and leisure studies, Leisure and the future.

SOS139 Social Dances 0+2 2.0

The Foundations and Historical Development of Social Dances; The Basic Movements of Social Dances; The Basic Positions of Social Dances; Movements with the Partner in Social Dances; Social Dances: Salsa, Merengue, Bachata, Cha Cha; Basic Steps; Right Turn Steps; Left Turn Steps; Steps in Changing Directions; Combinations Particular to Social Dances.

SOS155 Folkdance 2+0 2.0

Dance in Primitive Cultures; Dance in Earlier Civilizations; Dance in the Middle Age and Renaissance; Dance in the 18th and 19th Centuries; Dances of the 20th Century; Ballet; Turkish Dances; Emergence of Folkdance; Anatolian Folkdance:

Classification, Accompanying instruments; Methods and Techniques of Collecting Folkdance; Problems in Collecting Folkdance; Teaching of Folkdance; Adapting Folkdance for Stage: Stage, Stage aesthetics and Choreography, Orientation and choreography.

SOS227 Folk Dancing 1+2 2.0

Folklore; Turkish Folk Dances and General Structure of the Dance; Dances Regarding Human Relations; Dances about Human and Nature Relationships; Methods of Compiling Folk Dances; Techniques of Compiling Folk Dances; Methods of Folk Dance: Anatolian folkdance and methods, Education and teaching of folk dance; Musical Instruments in Turkish Folk Dances: Wind, Percussion, Wired, String; Apparels and Accessories in Turkish Folk Dances Types of Turkish Folk Dances; Types in Anatolian folk dance.

SOS404 Social Structure of Turkey 3+0 4.5

Definition of the concept of social structure; Different perspectives on Ottoman social structure; Different conceptualizations of Ottoman Social Structure: Asiatic Mode of Production; Feudalism; 'Continuity and Break' discussions on social structure; Social Structure of Republican Turkey; The effects of political perspectives on the social structure of the period of Republic; Social structure of Turkey in cultural context; Family structure in Turkey; Urban and Population structure.

SOS415 Sport Sociology 2+0 4.0

Sport Sociology; Concepts of Sociology, Communal Institutions; Social Status; Description of Sport Sociology; Sport Concept; Subject of Sport Sociology; Development of Sport Sociology; Sport and politics, Economy, Rationalism, Communal class and gender relations, Communication and sport, Sport and social values, Sports in Education; Sport sociology in sport.

SPY102 New Media Technologies and E-Sport 4+0 5.0

Concept of New Media: Principles of new media; Differences between new media and traditional media; The main features of the new media: Digitality, interactivity, multimedia, user-derived content production, hypertextuality, virtuality, demassification; Relationship Between New Media Technologies and Sports: Digital sports, relationship between new media technologies and digital sports; Concept of e-sports: ecosystem of e-sports, e-sports game types; National and international e-sports organizations.

SPY105 Fundamentals of Business in Sports 3+0 4.5

Basic Concepts of Sports Business; Sports Facilities and Features; Environmental Factors Affecting Sports Business; Establishment Decisions of Indoor Sports Facilities; Establishment Decisions of Indoor Sports Facilities; Sports Management Concept; Functions of Sports Management; Production and Marketing Approaches in Sports; Workforce and Human Resources Management in Sports; Fundamental Financial Issues in Sports.

SPY158 Handball 1+2 2.0

Contemporary Handball; Handball for education, Game Rules; Dimensions of Field and Equipment; Warm-up, on-the-ball skills; Off-the-ball Movements; Catching and Throwing; Dribbling; Pass and Pass Types; Scoring; Individual and Team Defense and Counterattack.

SPY162 Football 1+2 2.0

Football Today: Football for educational purposes, Game Rules; Warm-up; Stretching Playing with Ball; Inside, Outside, and Outstep Kicking; Controlling the Ball: On foot, Head and chest; Dribbling; Simple Shots; Crossing; Mathews; Beckenbauer: Direct and indirect free kicks, Penalty kicks, Corner, Throw-in, Goal kick; Goalkeeper.

SPY164 Basketball 1+2 2.0

Contemporary Basketball: Basketball for educational purposes, Game Rules, Dimensions of Field; Equipment; Warm-up and Stretching in Basketball; Playing with Ball, On-the-ball Skills in Basketball; dribbling; Pass and pass types; Stops, Rebound Off-the-ball Movements; Individual and Team Offense and Defense.

SPY166 Volleyball 1+2 2.0

Definition of Volleyball; Historical Development; Characteristic of Volleyball; Dimensions of Field; Game Systems: 3:3 Game System; 4:2 Game System; 5:1 Game System; 6:0 Game System; Basic Technical Training in Volleyball: Service Types, Receiving serve, Passes, Hitting, Block, Digging.

SPY201 Basic Principles of Sport Management 3+0 4.5

Introduction to Sport Management; Professional Groups in Sport Management; Examining Four different relations of Sport Management; Professional preparation; The importance of well-qualified Sport Managers in Sports Organizations; Development of Sport Industry; Sport Culture, Definition of Some Concepts; Athletes, Coaches, Spectators, Teachers.

SPY202 Administrative Organization of Turkish Sports 3+0 6.0

Sport Management: International Law and Sport Regulations; Sport Organizations; 'Objective?', 'Voluntary Federation?' and 'State Management?', Models 'Voluntary Federation?' and State Management?', Formation of Sports Management Elements and Material-technique basis, History: Istanbul Football Confederation, Voluntary Sport Organizations; Turkish Training Community Alliance, Period of Public Management in Turkish Sport: Ministry of Youth and Sport.

SPY204 Sustainability In Sport 3+0 4.5

Concept and Importance of Sustainability; Basic Dimensions of Sustainability: Environmental sustainability, social sustainability, economic sustainability; Sustainable Development; Relationship between Sport and Sustainability; Sports Facilities and Sustainability: Sustainable facility management within the scope of social, environmental and economic dimensions; Sports Organizations and Sustainability: Sustainability practices and examples in national and international sports organizations

SPY251 Badminton 1+2 3.0

History of Badminton; Equipment of Badminton: Net and Field, Badminton Poles, Racquet, Ball, Clothes, Shoes and Supporting Equipment; Techniques of Throws and Runs in Badminton: Holding Racquet, Basic Standing Position; Types of Throws; Throw Zones: Overhead service, Short-distance service, Swip service, Overbox hitting, Forehand Overhand throw, Forehand Underhand Throw, Backhand Underhand Throw, Drive, Running Techniques; Throwing Methods.

SPY253 Tennis 1+2 3.0

Tennis; History; Rules: Single and Double Competitions; Equipment: Racquet, Ball, Net, Clothes, Length of the Field: Technical Terms: Forehand, Backhand Vole, Hitting and serve; Tournaments: 1st Degree Tournaments, 2nd Degree Tournaments, Classification Tournaments; Officials.

SPY255 Table Tennis 1+2 3.0

Table-Tennis; History; Rules: Single and Double Competition; Equipment: Racquet, Ball, Net, Clothes, Length of the Field; Technical Terms: Forehand, Backhand, Forehand Cut, Backhand Cut, Shoot, Spins; Tournament Types; Turkey Championships, World Championships, Teams European Championships, Balkan Competition, Officials.

SPY257 Squash 1+2 3.0

Historical Development of Squash: Squash Hall: Hall, Walls, Building of Parquet, Dimensions, Characteristics; Warming, Lighting and Warming; Service Types; Body Position, Kinds of hitting, Game Area and Equipment; Rules; American Rules.

SPY261 Massage 3+0 4.0

Definition of Massage; History of Massage; Goals of Massage; General Principles; Oiling Materials; Massage Positions; Levels of Massage, Frequency of Massage, Kinds of Movements, Indications and Contra Indications of Massage; Lower Back Massage; Upper Back Massage; Neck Massage, Femaur Massage, Leg Massage, Foot Massage, Arm Massage, Front Arm Massage, Hand Massage, Face Massage, Massage in Sport (Before Competition, During Competition and After Competition); Mechanic Massage Methods.

SPY301 Planning Organization in Sport 3+0 5.0

Concepts of Management: Definitions, Goals, Characteristics and Historical Development; Methods of Management; Functions of Management: Planning, Organization, Co-ordination, Directing, Controlling; Sport and management; Sport Organizations; Profit and Non-profit Sport Organizations, Case Studies and sport Organizations; Management Content; National and International Sport Organizations; Local, Regional and National Sport Organizations.

SPY305 Sport Economy 3+0 5.0

Sport Clubs; Incomes, Money Politics, Federation Incomes, GSMH and Public Expenditure Relations of Sport Financial Resources; Balance in Sport, Club Models in Sport Economy, Pricing Sport Products and Sport Services.

SPY307 Corporate Behavior in Sport 3+0 5.0

Organizational Behavior; History of Organizational Behavior; Approaches, Theories and researches, Individual and the Community, Individual and environment relationship; Formal and informal groups, Organizational Structure; Foundations; Group Sport Organizations; Group Dynamics; Environmental Conditions; Definitions of Organizational Development; Approaches and Evaluations.

SPY309 Sport Event Management 3+0 4.0

The Concept of Event Concept and Its Characteristics; The Concept of Event Management, Developing and Implementing Event Plans; Management of Human Resources and Time; Financial Administration of Events; Event Leadership; Event Coordination; Event Risk Management and Ethics; The Scope of Sports Events; The Benefits of Sports Event Management; Designing, Planning and Controlling Sports Event Logistics; Hospitality and Protocol in Sports; Negotiation and Contract in Sports Events; Characteristics of Event Marketing; Event Promotion Methods; Marketing of Festivals, Fairs and Other Special Events; Marketing of Sports Events.

- SPY313 Sports Fandom 3+0 4.0**
The phenomenon of being a fan in sports; Main differences between fan typologies; Relationship between fans, spectators, and customers; Fan consumption behaviors and areas; Sports fan behaviors within the group; Supporting behaviors according to sports types; Relationship between fans and violence in sports; The relationship between supporter and gender in sports, The phenomenon of online fandom, the definition of online media; Scientific approaches to sports fandom I; Scientific approaches to sports fandom II.
- SPY352 Local Administrations and Sports 3+0 3.0**
Sport Concept and Local Administrations; Duties of Local Administrations; Foundations of the Facilities and Fields, Outdoor Sport Facilities and the Fields Games.
- SPY353 Performance Evaluation 2+2 5.0**
Work Evaluation; Definition of Worker; Performance; Definition of Performance Evaluation; Techniques of Performance Evaluation; Planning the Performance Evaluation Period; Choosing and Preparing the Materials of Performance Evaluation, Analyzing Performance Results.
- SPY401 Sponsorship in Sports Administration 3+0 4.0**
Basic Concepts about Sponsorship: Public Relations, Sponsorships and advertisement, Product publicity and the sponsorship, History of Sponsorship; Types of Sponsorships, Sponsorship categories, Determining, Implementing and the evaluation of sponsorship strategies.
- SPY403 Sport and the Media 2+0 2.5**
Sport and Media; Group Communication Materials; Sport News; Interpretation in Group Communication Materials; General Structure of Sport News and Sport Journalism; Television and Media without Sport; Sport Photographs; and Sport Photography; Sport Documentary.
- SPY404 Sport Politics in Turkey 3+0 3.0**
Sport as a Political Power; Aims; Evaluations; Sport Politics; Sport Politics in Turkey; Before the Republic; After the Republic, Laws on Sport, Legal Decisions, 1986 Turgut Özal Period, Confronting Politics, Budget, Aims, Limits, Results, Sport in Political Party Programmes.
- SPY405 Massage 2+1 3.0**
Definition and History of Massage; Massage Physiological, Pathological, Mechanical and Reflex Effects; Massage General Principles: Indications and contraindications; Dosage of Massage and Effects; Massage Techniques Used in the World; Sports Massage Importance and Impact; Mechanical Massage Techniques; Massage Treatments: Massage lower back, Upper back massage, Neck massage, Hand massage, Forearm massage, Arm massage, Foot massage, Leg massage, Thigh massage, Facial massage practice.
- SPY406 Research Project in Sport Management 0+4 3.5**
Social Science Concept; History of Social Science; Characteristics of Social Facts; Professional Sport Sciences, Global Social Sciences; Planning: File Categories, Written Files, Statistics, Methods in Analysing File; Framework of Research; Levels of Scientific Research, Typologies and classification, Theories and hypothesis; Rules for Writing Research Report, General Writing Rules.
- SPY410 Management in Sports Administration 3+0 4.0**
Management in Sport Facility; Activities for Different Age Groups; Employment; Safety Precautions in Sports Facilities, Swimming pool Water; Outdoor Sport Facilities; Management of Gymnastic Saloons and Fitness Centers; Staff Selection for Soccer Fields.
- SPY413 English for Specific Purposes I 2+0 2.5**
The definition of sport and sport management, Theories of leadership, The X and Y theories of Mc Gregor: What is the most important leadership theory which the sport administrators must consider it?, Management theories, Management functions: Planning, be organized, Supplying Member Leadership, Control and Deciding, Employer-Employee relation in human resource management: Motivation of employee, Importance of good communication and listening ability, definition of internal and external connections, Description of aims, Development of activity areas, Deciding, Evaluation of plans; Sport marketing and its importance, Reading articles which are related with subjects.
- SPY414 English for Specific Purposes II 2+0 3.0**
Development of individual philosophy as a administrator, Definition of other members which are except sport managers, Activity controller, Recreation leaders, Teachers, Trainers, Equipment officers, Participants and customers, Examination of case studies, Patterns which are practise in market research projects, Definition of problems, situation analyze, Informal

Measurement, Planning and Formal Measurement, Information analyze, Developing informations and preparing suggestions, Preparing Report and completing applications, Investigation of publications which are related with subjects.

SPY415 Current Sports Marketing Approaches 2+0 3.0

Basic Features of Actuals Concepts Related to Sports Marketing; Paradigms Affecting Current or Actuals Concept; Factors Affecting Being Up-to-Date in Marketing; The Effect of Changing Consumer Behaviors on Actual Marketing; Digitization and Current Approaches; Social Media and Current Approaches; Determination of Trend on Actual Topics in the Years of the Course; Evaluating and Presenting Actual Issues as a Case Study; Actual Prospects for Sports Marketing.

SPY416 Strategic Management in Sports 3+0 4.5

Concept of Strategic Management and Sports; The Relationship Between Basic Concepts of Strategic Management and Sports Management; Vision and Mission in Sports Management; External and Internal Environment Analysis in Sports Management; Types of Strategy Based on Sports Management; Analysis and Selection of Sports-Specific Strategies; Evaluation of National/Local and International Strategies in Sports Management; Strategies for Production and Management in Sports Management; Strategies for Marketing and Finance in Sports Management; Reviewing, Evaluating and Supervising Strategies; Social Responsibility and Sustainability in Strategic Sports Management; Current Approaches and Suggestions in Strategic Sports Management

TAR165 Atatürk's Principles and History of Turkish Revolution I 2+0 2.0

Reform efforts of Ottoman State, General glance to the stagnation period, Reform searching in Turkey, Tanzimat Ferman and its bringing, The Era of Constitutional Monarchy in Turkey, Policy making during the era of first Constitutional Monarchy, Europe and Turkey, 1838-1914, Europe from imperialism to World War I, Turkey from Mudros to Lausanne, Carrying out of Eastern Question, Turkish Grand National Assembly and Political construction 1920-1923, Economic developments from Ottomans to Republic, The Proclamation of New Turkish State, from Lausanne to Republic.

TAR166 Atatürk's Principles and History of Turkish Revolution II 2+0 2.0

The Restructuring Period; The Emergence of the fundamental policies in the Republic of Turkey (1923-1938 Period); Atatürk's Principles, and Studies on Language, History and Culture in the period of Atatürk; Turkish Foreign Policy and Application Principles in the period of Atatürk; Economic Developments from 1938 to 2002; 1938-2002 Period in Turkish Foreign Policy; Turkey after Atatürk's period; Social, Cultural and Artistic Changes and Developments from 1938 to Present.

TAR181 Atatürk's Principles and History of Turkish Revolution I 2+0 3.0

Internal and External Cases Preparing the Fall of the Ottoman State; Innovation Movements in the Ottoman State in the XIX. Century; The Latest Trends of the Ottoman Empire; The Political and Military Situation of the Ottoman State at the Beginning of the XX. Century; World War I and Armenian Issue; Occupation and Reactions of Anatolia; Mustafa Kemal Pasha's Move to Samsun and Operations; Congress Period and Organization; The Opening of the Last Ottoman Parliament and the Adoption of the National Pact; Preparation for National Struggle and Material and Spiritual Fundamentals of this Preparation; Opening and Activities of the Grand National Assembly; Sevres Agreement; Fights in the South and East Fronts; Establishment of the Regular Army, Greek Attacks and Wars in the Western Front, Signing the Mudanya Armistice, Assembly of the Lausanne Conference and Signing the Peace Treaty.

TAR182 Atatürk's Principles and History of Turkish Revolution II 2+0 3.0

The Political Fields of the Reforms (Abolition of the Sultanate, Advisory of the Republic, Removal of the Caliphate, etc.); Revolutions in the Social Area (Hat Reform, Shut of Lodge and Zawiya, Calendar, Time and Surname Law); Reforms in Education and Culture (The Law on Unification of Education, Letter Revolution, Turkish History and Language Revolution); Reforms Made in the Field of Law; The Trials and Reactions of the Party in the Period of Atatürk (The Establishment and Closure of the Terakkiperver Cumhuriyet Party, the Rebellion of Sheikh Sait and Assassination Initiative to Atatürk); Atatürk Period Multilateral Political Life Transition Experiences (Establishment of Free Republican Party, Closure and Menemen Event); Resources and Economic Policy Period of the Republic of Turkey (İzmir Economic Congress); Turkish Foreign Policy during the Ataturk Period (Population exchange, Membership to the League of Nations, Balkan Antantai and Sadabat Pakti); Atatürk Period Turkish Foreign Policy (Montreux Convention Regarding the Regime of the Straits, Motherland Participation of Hatay, with Turkey's Bilateral Relations with Other Countries); Definition, Scope and Principles of Atatürk's Thought System; Then from Ataturk's Turkey, the ruling Democratic Party of the Year, 1960 and 1970 Year in Turkey, Turkey's Foreign Policy after 1960.

THU209 Community Service Practices 1+2 3.0

Community, social service practices and social responsibility concepts; social responsibility projects in terms of social and cultural values; identify current social problems; preparing projects to solve the identified social problems; voluntarily taking part in social responsibility projects individually and as a group; participating in social responsibility projects in various

institutions and organizations; participating in scientific activities such as panels, conferences, congresses, symposiums as viewers, speakers or regulators; evaluate the results of social responsibility projects.

TİY152 Theatre 2+0 2.5

Theatre as a Cultural Institution: Relation of culture and theatre; The Place and Importance of Theatre in Culture; Theatre as a Communication Art: Definition of theatre, Origin and evolution of theatre, Aesthetic communication; Elements of Communication in Theatre: Decor, Costume, Stage, Actor, Director; Theatre Management: Historical development, Administration and Organization; Art Sociology: Theatre and society; Reflections of Cultural Issues in Turkish Plays. Reflections of Cultural Issues in Turkish Plays.

TÜR125 Turkish Language I 2+0 2.0

Language: Characteristics of language, Relationship between language and thought and language and emotion, Theories about the origin of languages, Language types, The position of Turkish Language among world languages; Relationship Between Language and Culture; Historical Progress of the Turkish Language; Alphabets Used for Writing in Turkish; Turkish Language Studies; Turkish Language Reform; Phonetics; Morphology and Syntax; The Interaction of Turkish Language with Other Languages; Wealth of Turkish Language; Problems Facing Turkish Language; Derivation of Terms and Words; Disorders of Oral and Written Expression.

TÜR126 Turkish Language II 2+0 2.0

Composition: Written composition, Paragraph and ways of expression in paragraphs; Punctuation; Spelling Rules; Types of Written Expression and Practices I: Expository writing; Types of Written Expression and Practices II: Narrative writing; Academic Writing and Types of Correspondence; Reading and Listening: Reading, Reading comprehension strategies, Critical reading; Listening; Relationship between Listening and Reading; Oral Expression: Basic principles of effective speech; Body Language and the Role of Body Language in Oral Expression; Speech Types; Principles and Techniques of Effective Presentation; Some Articulatory Features of Oral Expression.

TÜR131 Turkish I 3+0 5.0

Written Language and Features; Spelling and Punctuation; Characteristics of Written and Oral Expression; Paragraph Generation and Paragraph Types (Entry, Development, Result Paragraphs); Ways of Development of Thought (Explanation, Discussion, Storytelling, Describing, Applications of Identification, Sampling, Witnessing, Comparison etc.); Text Structure (Structural Properties of Text, Introduction-Development-Conclusion Parts); Textuality Features (Attachment, Consistency, Purpose, Acceptability, Contingency, Information, Intertextuality); Text Writing (Drafting, Writing, Correction and Sharing); Writing Informative-Explanatory Text; Narrative Text Writing; Descriptive Text Writing; Discussion and Convictive Text Writing.

TÜR132 Turkish II 3+0 5.0

Characteristics of Academic Language and Writing; Using Definitions, Concepts and Terms in Academic Documents; Objective and Subjective Narration; Structure and Types of Academic Texts (Article, Report and Scientific Summary, etc.); Claim, Proposition Writing (Confirmation of a Thought, Defense or Confrontation); Formal Characteristics of Scientific Reports and Articles; Steps of Report Writing; Explanation, Discussion, Establishing Relationships Between Texts, Referencing (Citation and Footnotes, Bibliography); Title Writing, Summarization, Keyword Writing; Ethical Principles to be Considered in Scientific Writings; Academic Text Writing Practices.

TÜR407 Academic Writing Skills 2+2 4.0

Scientific Writing: The origins of scientific writing, Scientific papers, Scientific paper types, Articles and dissertations, Title preparation, the order of Authors and addresses, Preparation of a short summary, Preparation of a long summary, Writing the introduction, Writing the method section, Writing the results section, Presenting Findings effectively, examples of tables and diagrams, Writing the discussion part, Writing and expression of the results section, Giving reference sources, Referring to the sources, Ethical rights and permissions, The use of abbreviations.