



EUROPEAN UNIVERSITY OF LEFKE

**ALL MASTER AND
PhD PROGRAMS**

**GRADUATE CATALOGUE
2024-2025**

While every effort is made to ensure the accuracy of the information available at the time this catalogue is prepared for publication, the University reserves the right to make changes at any time without prior notice. Note every course listed in this catalogue is offered every year.

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MASTER PROGRAMS

BUSINESS ADMINISTRATION (MBA WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
BUSN509	Management and Organization	3	0	3	BUSN512	Financial Management	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
BSEL01	Elective I	3	0	3	BSEL03	Elective III	3	0	3
BSEL02	Elective II	3	0	3	BUSN510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
BUSN500	Thesis	0	2	0
Total				0

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
BUSN500	Thesis	0	2	0
Total				0

Course Descriptions

BUSN509 Management and Organization

The course covers the nature of management, management theories and perspectives, organizational environment, social responsibility and ethics. Course discusses the basic management functions. Planning: decision making, organizational goals, strategic management and implementation. Organizing: organizational structure, organizational design, change and innovation. Leading: management and motivation, leadership in organizations, groups in organizations, management and communication. Controlling: Foundations of management control, quality, productivity and customer satisfaction.

CGCR501 Research Methods

To establish understanding of research through critical exploration of research and ethics, this course covers both the practical as well as the theoretical aspects of independent research. The practical aspects refer to the basic craftsmanship of research, i.e. data collection, data analysis, literature review, referencing and quoting, and presenting the findings. The theoretical aspects refer to the basic methodological divides revolving around questions of ontology (objectivism vs. subjectivism) and of epistemology (explaining vs. understanding).

BUSN512 Financial Management

The course covers time value of money, interest, present value, future value, annuities; financial analysis, planning and control; ratio analysis, cash flow and fund flow analysis, profit planning, financial forecasting; capital budgeting, short-term & long-term financing; working capital management; financial policies regarding the acquisition of funds and their allocation to competing assets within the firm.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

BUSN510 Seminar (non-credit)

Seminar in the related area of interest after the completion of courses. Seminar is graded on success or fail basis.

BUSN500 Thesis (non-credit)

The thesis must be original and reveal the student's ability in investigation and analysis and have a practical application in the world of their profession. The thesis should be on a subject decided upon both by advisor and student. The thesis should be submitted after successful completion of required courses and defended by the candidate in front of jury. The thesis is graded on success or fail basis.

ELECTIVE COURSES

BUSN539 Global Political Economy

Explanation of basic economic concepts and terms important to the field of international political economy; historical treatment of the evaluation of the modern world economy, beginning in the early 19th century; the rise and fall of economic powers over time; examination of the issue of national competitiveness in the global economy; the sources of international economic inequalities and a critical evaluation of modernization and dependency theories.

BUSN514 Advanced Human Resource Management

The course focuses on the policies, procedures and practices of HRM, managing the recruitment, selection, training, promotion, remuneration and working conditions of the people employed by the organizations, productivity, motivation, quality of work life and industrial relations.

BUSN526 International Business

The course centers on offering deep insights on the concepts and applications of international business aspects. It focuses on the opportunities and threats of the complex environment of international business, with an emphasis on the unique problems involved in managing international operations through the use of case studies. The course content includes topics on the different theories of international business, globalization of markets & the internationalization of the firm, strategies and organization in the international firm; the cultural environment and the marketing and human resource management in the global firm.

SİYASET BİLİMİ VE KAMU YÖNETİMİ (TEZLİ YÜKSEK LİSANS)

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredilik), 1 seminer ve tezden oluşur. Öğrenciler derslerini birinci yılda alabilir ve ikinci yılda tezleriyle seminerlerini alarak programı tamamlayabilirler.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
SBKY501	Kamu Yönetimi: Kuram ve Uygulama	3	0	3	SBKY504	Politika Teorisi ve Analizi	3	0	3
GMDR501	Araştırma Yöntemleri	3	0	3	GMDR502	Veri Analizi	3	0	3
SBSD01	Seçmeli I	3	0	3	SBSD03	Seçmeli III	3	0	3
SBSD02	Seçmeli II	3	0	3	SBKY510	Seminer	0	2	0
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
SBKY500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
SBKY500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

Ders İçerikleri

SBKY501 Kamu Yönetimi: Kuram ve Uygulama

Kamu yönetimi kavramının tanımları (kamu yönetiminin hem akademik bir disiplin hem de bir yönetim faaliyeti olarak tanımları); kamu yönetimi terminolojisi ve temel kavramları; kamu yönetimi faaliyetinin ilkeleri ve tarihsel gelişimi (Yunan kent düzeninden günümüze devlet yapısının ve kamu sektörünün gelişimi); kamu yönetimi teorileri; “kamu hizmeti”nin amaçları; araçları ve özellikleri; yerel düzeyde kamu hizmeti; demokratik toplumlarda kamu yönetiminin rolü; kamu politikaları oluşturma süreçleri; kamu kesimi-sivil toplum işbirliği / müzakereleri.

GMDR501 Araştırma Yöntemleri

Araştırma sorusunu ifade etmek; araştırma konusunun nesnelleştirilmesi; karşılaştırma metotları, değişkenleri ve önemlerini belirlemek; hipotez üretmek ve aralarında hiyerarşi kurmak; çıkarımda bulunmanın metodolojik sorunları; araştırma yazmanın metodolojik sorunları, niceliksel analiz metotları; niceliksel analiz aletleri ve kullanımları (bağıntı oranları, ağ belirleme, kamu politikaları niceliksel analiz teorileri); mülakat metotları ve teknikleri; uygulamalı çalışma.

SBKY504 Politika Teorisi ve Analizi

Siyaset Teorisi ve Analizi dersi, esas itibarıyla siyasal fenomenleri anlayabilmeye yardımcı olan siyasal kavramları, fikirleri, ideolojileri ve doktrinleri analiz edebilmeyi amaçlamaktadır. Bu çerçevede siyaset teorisi ve türleri, siyaset dil ilişkisi, analiz türleri, siyasal düşüncenin bağlamları, siyasal düşüncenin tarihsel gelişimi, demokrasi kavramı ve türleri, demokrasinin avantajları ve kusurları, temsil kavramı ve farklı temsil modelleri, kamu yararı ve buna yönelik farklı yaklaşımlar üzerinde durulmaktadır.

GMDR502 Veri Analizi

Bu ders, iş ve akademik alanda kullanılan temel istatistik araçları ve analiz süreçlerini aktararak katılımcıların çalışmalarını verimli bir şekilde yürütebilmesini sağlayacak bilgi alt yapısını oluşturmak, çalışmalarında uygun istatistiksel yöntemleri seçmeyi, toplanan verileri analiz etmede başvurulacak SPSS paket programını kullanarak verileri analiz etmeyi, analiz sonuçlarını tablo ve grafikler oluşturarak yorumlamayı öğretirken, katılımcılara bilimsel araştırma ile temel istatistiksel analizleri yapabilmeye, değerlendirme ve raporlama bilgi ve becerileri kazandırmayı amaçlamaktadır.

SEÇMELİ DERSLER

EYDE504 Örgütsel Davranış

Örgütsel davranış alanı, örgütsel yaklaşımlar, örgüt içindeki grupların ve bireylerin davranışlarını etkileyen, kişilik, motivasyon, örgütsel iklim, iletişim, liderlik, iş doyumu, moral, çatışma, problem çözme ve stresle başa çıkma yöntemleri, örgütsel etkililik ile örgütsel değişim kavramları üzerinde tartışmalar ve öğrenci projeleri.

SBKY533 Küresel Ekonomi Politikaları

Küresel politik ekonomi alanında önemli olan kavram ve terimlerin açıklanması; 19. yüzyıldan itibaren modern dünya tarihinin tarihsel bir değerlendirmesi; zaman içerisinde ekonomik güçlerin yükselişi ve çöküşü; ulusal rekabetçilik sorunsalının küresel politik ekonomi içerisinde analizi; uluslararası ekonomik eşitsizliğin kaynakları; modernleşme ve bağımlılık teorilerinin değerlendirme ve kritiği.

SBKY534 Kriz Yönetimi ve Anlaşmazlık Çözümü

Ders temel olarak, kriz çeşitleri, kriz yönetiminde aşamalar; kriz çözümü için oluşturulan takımlar ve takım oyunu; krizlere karşı planlama, karar alma ve harekete geçme; anlaşmazlıkların yönetimi; görüşme yöntemlerinin uygulanması; anlaşmazlıkların çözümü ve kamu yararı için birlikte karar alma; görüşmeciler yetiştirme ve eğitim çalışmaları; danışma; görüşme sürecinin oluşturulması; anlaşmazlıkların analizi, kolaylaştırma; görüş birliği sağlanması ve arabuluculuk; iletişim ve diyalog kurma;

problemlerin çözümü ve görüşmecilik; transformasyon ve sosyal değişikliklerin yarattığı sorunların çözümü konularını tartışmaktadır.

SBKY550 Siyasal İletişim

Derste temel olarak siyaset ve iletişim kavramları arasındaki ilişki incelenmektedir. Siyasal iletişim, tarihsel gelişim sürecinde, diğer disiplinlerle ilişkisi bağlamında, ana akım ve eleştirel boyutlarıyla ele alınmaktadır.

SBKY551 Liderlik ve Yönetim Becerileri

Liderlik, bulunulan ortamdaki insanları ortak amaç doğrultusunda buluşturup sorumluluk alabilmek, onları motive ederek birlikte karar alabilme becerisine sahip olabilmek, bunları yaparken de etik değerlere uygun olarak adalet duygusu çerçevesinde hareket edebilmektir. Bu saptamalardan hareketle derste, liderlik kuram ve uygulamalarıyla ilgili çeşitli öğrenim deneyimleri aktarılacak, hem geleneksel liderlik modellerinin hem de güncel liderlik araştırmalarının bulguları analiz edilerek yönetime etkileri tartışılacak, ayrıca motivasyon, değerler ve değişim yönetimi gibi temel örgüt ve liderlik olguları incelenecektir.

SBKY552 Kent ve Çevre Çalışmaları

İnsanların topluluk halinde yaşamaya başlamalarıyla birlikte giderek gelişen kent olgusu, sanayi devrimleri ve küreselleşmeyle birlikte gelişip büyümüş, bu gelişme çevre üzerinde çeşitli olumsuz etkilere neden olmuştur. Küresel ısınma, temiz su kaynaklarının kirlenmesi, toprak kaybı gibi olumsuz gelişmeler yalnızca kentleşme oranları yüksek olan ülkeleri değil, tüm dünyayı tehdit eder bir noktaya gelmiştir. Bu saptamalardan hareketle derste, kentleşmenin çevre üzerindeki etkileri anlatılacak, ardından da kentleşmenin çevre üzerindeki olumsuz etkilerinin giderilmesi yönünde yönetimler tarafından ne gibi adımlar atılması gerektiği tartışılacaktır.

INTERNATIONAL RELATIONS (MA WITH THESIS)
(Education Language: English)

The program consists of 7 courses (21 credits); one seminar and thesis. The Seminar and Thesis are non-credit. One year is required for the thesis after completion of the courses and the seminar.

CURRICULUM

1st SEMESTER (FALL)					2ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
INTR501	Theories of International Relations	3	0	3	INTR502	Political Theory and Analysis	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
IREL01	Elective I	3	0	3	IREL03	Elective III	3	0	3
IREL02	Elective II	3	0	3	INTR510	Seminar	0	2	0
Total: 21 credits									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
INTR500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
INTR500	Thesis	0	2	0
Total		0		

Course Descriptions

INTR501 Theories of International Relations

According to the textbooks, the discipline of International Relations has so far gone through four major 'debates', i.e. Idealism vs. Realism, the Behaviouralist challenge, the Inter-Paradigm debate, and Post-Positivism. This course provides a discussion of the major approaches to IR, i.e. Realism, Liberalism, International Society, Marxism, Constructivism, Critical Theory, Postmodernism, Feminism and Green Political Theory. While interpreting these approaches within the master narrative of the 'four debates', the latter will be subject to critical scrutiny.

CGCR501 Research Methods

This course covers both the practical as well as the theoretical aspects of independent research. The practical aspects refer to the basic craftsmanship of research, i.e. data collection, data analysis, literature review, referencing and quoting, and presenting the findings. The theoretical aspects refer to the basic methodological divides revolving around questions of ontology (objectivism vs. subjectivism) and of epistemology (explaining vs. understanding).

INTR502 Political Theory and Analysis

International Relations draws heavily upon the heritage of political theory, which addresses questions like the following: What types of government exist? What is the role of religion in politics? How can one get and keep power? Why is there a state? Why is there social inequality? Another issue discussed is the question whether century- or even millennia-old bodies of texts on politics still have relevance for today or whether they are of merely antiquarian interest. Participants will be asked to make up their own mind after having been introduced to the works of the major political thinkers, from Plato to Habermas.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

INTR510 Seminar (non-credit)

A seminar project should be in the relevant area of interest.

INTR500 Thesis (non-credit)

The length of the Thesis must not exceed 50,000 words with full supporting bibliography and references. The Thesis must be original and reveal the student's ability in investigation and analysis and have a practical application in the world of their profession. The Thesis should be on a subject decided upon both by the adviser and the student. The Thesis is required to be defended by the candidate in front of a jury. The Thesis is graded on a success or fail basis.

ELECTIVE COURSES

INTR504 Crisis Management and Conflict Resolution

Types of Crisis. Step in crisis management. Crisis Teams and team work. Planning for crisis, decision-making and actions. Conflict management. Applications of negotiation methods, conflict resolution and cooperatives decision-making in issues of public concern; studies in negotiation training, consulting, negotiation process design, conflict analysis, facilitation, consensus-building and mediation; communication and dialogue; problem-solving and negotiation techniques.

INTR505 Power Politics

INTR521 The Post-Hegemonic Age

Since after World War I, international relations has sought to combine the development of theoretical frameworks with the rapidly changing course of international events: Empire, World War, Cold War and post-1991 US hegemony. Today, oscillating at times uneasily between the enticements of abstraction, and the rush of actuality, IR faces a major opportunity to provide an authoritative conceptualization of, and normative orientation within, international politics. The course will assess the state of IR today by analyzing the struggles and challenges posed by the tensions of the 20th and 21st century.

COMPUTER ENGINEERING (MSc WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
COMP503	Computer Communication and Networks	3	0	3	COMP504	Advanced Database Management Systems	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
CEEL01	Elective I	3	0	3	CEEL03	Elective III	3	0	3
CEEL02	Elective II	3	0	3	COMP510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
COMP500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
COMP500	Thesis	0	0	0
Total		0		

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
COMP217	Data Structures	0	0	0	COMP218	Fundamentals of Object Oriented Programming	0	0	0
COMP335	Analysis of Algorithms	0	0	0	COMP214	Operating Systems	0	0	0
COMP337	Database Management Systems	0	0	0	COMP364	Principles of Programming Languages	0	0	0

Course Descriptions

COMP503 Computer Communication and Networks

Continuous wave modulation. Spectra of modulated signals, pulse modulation schemes, PAM, PDM, PPM and PCM techniques, ratio of signal to noise, differential PCM delta modulation, adaptive delta modulation, FSK and PSK modulation and demodulation, spectra of FSK and PSK signals. TDM and FDM, modems, computer network protocols, circuit switching, message switching, packet switching, ISO-OSI reference model, TCP/IP, LAN, WAN. Interconnection topology and performance, distributed systems and applications comparison, benefit of distributed systems to users.

CGCR501 Research Methods

To establish understanding of research through critical exploration of research and ethics, this course covers both the practical as well as the theoretical aspects of independent research. The practical aspects refer to the basic craftsmanship of research, i.e. data collection, data analysis, literature review, referencing and quoting, and presenting the findings. The theoretical aspects refer to the basic methodological divides revolving around questions of ontology (objectivism vs. subjectivism) and of epistemology (explaining vs. understanding).

COMP504 Advanced Database Management Systems

In this course ER model, Enhanced ER Model, Relational Model, Referential Integrity, Procedure, function, trigger, normalization (1NF, 2NF, 3NF), SQL, Authorization, Poly-instantiation, Spatial Databases, XML, DTD, XSLT, XQUERY topics are covered.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

COMP510 Seminar

The seminar course is given after the completion of the credit courses. It is evaluated as successful or unsuccessful at the end of the semester.

COMP500 Thesis

The thesis must be original and should reveal the research and analysis ability of the student. Also, the practical application issues must be covered in the thesis. The topic of the thesis can be determined between the thesis advisor and the student. The thesis will be defended by the student in front of the jury. The thesis can be evaluated as successful or unsuccessful.

ELECTIVE COURSES

EEEN555 Simulations and Modelling

The objective of the course is that the student acquire a deeper understanding of simulation and modeling as tools for evaluating such as telecommunication and communication protocols and networks, understanding of different simulation and modeling methods and their limitations, and some practical experience using tools such as Matlab, C++ , etc. to build simulation models and evaluate results.

COMP529 Machine Learning

The main purpose of this course is to introduce the algorithms and techniques in machine learning. The subjects include linear algebra, probability theory, bayes decision theory, discriminant functions and dimensionality reduction. The emphasis is placed on developing application programs using real-

world datasets. Students construct classifiers such as LDC, NMC, k-NN, PNN, Neural Networks and Perceptron. This course also introduces state-of-the-art classifiers such as SVM.

EEEN556 Microwave and Computer-Aided Design

This course will examine the basic microwave theory and application of the theory to the programming. Also computer aided design of microwave circuits will take place. There will be several small programming projects (in C++/Java/Python/Matlab) in which students will use their programming knowledge to code some microwave models.

ENVIRONMENTAL SCIENCES (MSc WITH THESIS)
(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
ENSC501	Principles of Environmental Pollution and Control	3	0	3	ENSC522	Principles of Water Supply and Sanitation	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
ESEL01	Elective I	3	0	3	ESEL03	Elective III	3	0	3
ESEL02	Elective II	3	0	3	ENSC510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
ENSC500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
ENSC500	Thesis	0	0	0
Total		0		

Course Descriptions

ENSC501 Principles of Environmental Pollution and Control

The main purpose of this course is to introduce the principles of air, water and soil pollution and control measures to prevent it. This course also introduces students applications through problems and examples that facilitate understanding.

CGCR501 Research Methods

To establish understanding of research through critical exploration of research and ethics, this course covers both the practical as well as the theoretical aspects of independent research. The practical aspects refer to the basic craftsmanship of research, i.e. data collection, data analysis, literature review, referencing and quoting, and presenting the findings. The theoretical aspects refer to the basic methodological divides revolving around questions of ontology (objectivism vs. subjectivism) and of epistemology (explaining vs. understanding).

ENSC522 Principles of Water Supply and Sanitation

This lecture is related with how water is transferred from resources to public use. Water quality required for different areas of use and water borne diseases resulted from inefficient treatment. Includes drinking water treatment techniques, disinfection, advanced oxidation, membrane filtration, water storage and distribution systems.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

ENSC510 Seminar

Seminar presentation and group discussions on selected topics related to the Environmental Science.

ENSC500 Thesis

Supervised independent research on a topic agreed between the student and the supervisor (a faculty member) and approved by the Administrative Committee of the Institute of Graduate Studies and Research. It is evaluated by a jury of two faculty members and one from other universities

ELECTIVE COURSES

ENSC531 Water Resources Management

This course is related with water resources, water scarcity, drinking and wastewater treatment technologies, water reuse as an alternative water resource. Biological water treatment, advanced water treatment; membrane technologies, oxidation, advanced oxidation.

ENSC553 Global Energy and Climate Policy

The global energy and policy course offers an introduction to the theoretical and practical understanding of how energy and climate change policies are designed, shaped, advocated and implemented. Also aimed broadly at people interested in learning more about interconnected issues in energy and climate policy globally and also examine on relationship between economic growth and energy demand.

ENSC514 Soil and Groundwater Remediation

Soil and groundwater pollution sources and properties. Soil remediation parameters including climate, soil type and contaminant source. The state-of-the-art knowledge about soil contamination with heavy

metals, oil, PAH, pesticides etc. Techniques to characterize the pollution. The principles of the transportation of pollutants in soil and groundwater. Remediation technologies used to treat soil and groundwater pollution. Regulations dealing with soil and groundwater pollution.

ELECTRICAL AND ELECTRONICS ENGINEERING (MSc WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
EEEN529	Computer Communication and Networks	3	0	3	EEEN504	Advanced Database Management Systems	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
EEEL01	Elective I	3	0	3	EEEL03	Elective III	3	0	3
EEEL02	Elective II	3	0	3	EEEN510	Seminar	0	2	0
Total: 21 credits									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
EEEN500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
EEEN500	Thesis	0	2	0
Total		0		

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
EEEN317	Signals and Systems	0	0	0	EEEN216	Circuit Theory II	0	0	0
EEEN337	Electronics II	0	0	0	EEEN322	Control Systems	0	0	0
EEEN341	Fundamentals of Electromechanical Energy Conversion	0	0	0	EEEN214	Electromagnetic Theory I	0	0	0

Course Descriptions

EEEN503 Computer Communication and Networks

Continuous wave modulation. Spectra of modulated signals, pulse modulation schemes, PAM, PDM, PPM and PCM techniques, ratio of signal to noise, differential PCM delta modulation, adaptive delta modulation, FSK and PSK modulation and demodulation, spectra of FSK and PSK signals. TDM and FDM, modems, computer network protocols, circuit switching, message switching, packet switching, ISO-OSI reference model, TCP/IP, LAN, WAN. Interconnection topology and performance, distributed systems and applications comparison, benefit of distributed systems to users.

CGCR501 Research Methods

To establish understanding of research through critical exploration of research and ethics, this course covers both the practical as well as the theoretical aspects of independent research. The practical aspects refer to the basic craftsmanship of research, i.e. data collection, data analysis, literature review, referencing and quoting, and presenting the findings. The theoretical aspects refer to the basic methodological divides revolving around questions of ontology (objectivism vs. subjectivism) and of epistemology (explaining vs. understanding).

EEEN504 Advanced Database Management Systems

In this course ER model, Enhanced ER Model, Relational Model, Referential Integrity, Procedure, function, trigger, normalization (1NF, 2NF, 3NF), SQL, Authorization, Poly-instantiation, Spatial Databases, XML, DTD, XSLT, XQUERY topics are covered.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

EEEN510 Seminar

The seminar course is given after the completion of the credit courses. It is evaluated as successful or unsuccessful at the end of the semester.

EEEN500 Thesis

The thesis must be original and should reveal the research and analysis ability of the student. Also, the practical application issues must be covered in the thesis. The topic of the thesis can be determined between the thesis advisor and the student. The thesis will be defended by the student in front of the jury. The thesis can be evaluated as successful or unsuccessful.

ELECTIVE COURSES

EEEN529 Machine Learning

The main purpose of this course is to introduce the algorithms and techniques in machine learning. The subjects include linear algebra, probability theory, bayes decision theory, discriminant functions and dimensionality reduction. The emphasis is placed on developing application programs using real-world datasets. Students construct classifiers such as LDC, NMC, k-NN, PNN, Neural Networks and Perceptron. This course also introduces state-of-the-art classifiers such as SVM.

EEEN555 Simulations and Modelling

The objective of the course is that the student acquire a deeper understanding of simulation and modeling as tools for evaluating such as telecommunication and communication protocols and networks, understanding of different simulation and modeling methods and their limitations, and some

practical experience using tools such as Matlab, C++ , etc. to build simulation models and evaluate results.

EEEN556 Microwave and Computer-Aided Design

This course will examine the basic microwave theory and application of the theory to the programming. Also computer aided design of microwave circuits will take place. There will be several small programming projects (in C++/Java/Python/Matlab) in which students will use their programming knowledge to code some microwave models.

CIVIL ENGINEERING (MSc WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
CVEN531	Organizations in Construction	3	0	3	CVEN512	Soil Improvement Techniques	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
CVEL01	Elective I	3	0	3	CVEL03	Elective III	3	0	3
CVEL02	Elective II	3	0	3	CVEN510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
CVEN500	Thesis	0	2	0
Total				0

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
CVEN500	Thesis	0	2	0
Total				0

Course Descriptions

CVEN531 Organizations in Construction

Organizations and managers in the construction industry. Managerial skills and managerial roles in organizations. Motivation leadership and job satisfaction. Groups in organization and culture of organization. Structures of organizations in construction. Head office organization and site organization. Types of organizations in construction. Head office organization and site organization. Types of organization in construction. Contractual approaches in construction.

CGCR501 Research Methods

To establish understanding of research through critical exploration of research and ethics, this course covers both the practical as well as the theoretical aspects of independent research. The practical aspects refer to the basic craftsmanship of research, i.e. data collection, data analysis, literature review, referencing and quoting, and presenting the findings. The theoretical aspects refer to the basic methodological divides revolving around questions of ontology (objectivism vs. subjectivism) and of epistemology (explaining vs. understanding).

CVEN512 Soil Improvement Techniques

Soil structure and its effect on engineering performance. Mechanical modification; dynamic compaction, vibro-compaction, vibro-replacement. Hydraulic modification. Modification by admixtures; cement, lime, fly ash, polymer stabilization. Physical and chemical modification. Modification by inclusions and confinement. Utilization of by-products for stabilization. Insitu-evaluation of soil improvement and monitoring.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

CVEN510 Seminar

Main objectives of this Non-credit course are; to get students experienced in technical presentation skills, to enable students on how to take benefit of feedback from the audience, to broadcast information to the teaching staff about the recent research being undertaken within the faculty.

CVEN500 Thesis

Program of research leading to M.Sc. Degree, arranged between student and an assigned faculty member. Students register to this course in all semesters starting from the beginning of their second semester while the research program or write-up of the thesis is in progress.

ELECTIVE COURSES

CVEN526 Design of Coastal and Harbour Structures

The objectives of this course are to enable the students to understand design of coastal and harbour structures and to apply the seismic design and reliability analysis concepts to the design of coastal structures.

CVEN541 Cement Replacement Materials

Raw materials, fly ash, silica fume, blast furnace slag, advance composites, fibre-reinforced materials, special types of cements, admixtures, laboratory applications.

CVEN552 Assessment Repair and Strengthening of Structures

Reliability of Structures. Assessment of Structures. Destructive and non-destructive tests on RC, Steel and masonry constructions. Repair and strengthening techniques of RC structures. Strengthening of beams, columns and walls. Repair and Strengthening of other types of constructions.

ÖZEL EĞİTİM ÖĞRETMENLİĞİ (TEZLİ YÜKSEK LİSANS)

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredilik), 1 seminer ve tezden oluşur. Öğrenciler derslerini birinci yılda alabilir ve ikinci yılda tezleriyle seminerlerini alarak programı tamamlayabilirler.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
OZEL543	Özel Eğitimde Tek Denekli Araştırma Desenlerinin Uygulanması	3	0	3	OZEL544	Yetişkinlik Döneminde Özel Gereksinimi Olan Bireyler	3	0	3
GMDR501	Araştırma Yöntemleri	3	0	3	GMDR502	Veri Analizi	3	0	3
OZSD01	Seçmeli I	3	0	3	OZSD03	Seçmeli III	3	0	3
OZSD02	Seçmeli II	3	0	3	OZEL510	Seminer	0	2	0
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
OZEL500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
OZEL500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
OZLE203	Uygulamalı Davranış Analizi	0	0	0	OZLE204	Bireyselleştirilmiş Eğitim ve Geçiş Planlarının Hazırlanması	0	0	0
OZLE205	Özel Eğitimde Bütünleştirme	0	0	0	OZLE214	Yanlışsız Öğretim Yöntemleri	0	0	0
OZLE209	Özel Eğitimde Değerlendirme	0	0	0	OZLE306	Özel Eğitimde Aile Eğitimi	0	0	0

Ders İçerikleri

OZEL543 Özel Eğitimde Tek Denekli Araştırma Desenlerinin Uygulanması

Bu derste uygulamalı davranış analizi alanında yürütülen araştırmalara ilişkin okumalar, bu okumalarla ilgili tartışmalar ve diğer öğrenme deneyimleri gerçekleştirilir. Dersin amacı öğrencilerin uygulamalı davranış analizi ilkelerini kullanarak tek-denekli araştırma modelleri ile bir uygulama planlamaları, planladıkları uygulamaları uygulayabilmeleri ve bulguları analiz etmelerini öğretmektir. Bu ders kapsamında belirli bir özür ya da yaş grubuna ilişkin araştırmalar okunmayacak hemen tüm gruplardan araştırma örnekleri üzerinde durulmaya çalışılacaktır. Ayrıca tek denekli araştırmalarda bulunması gereken özellikler, tek denekli araştırmalarda yer alan iç geçerlilik ve dış geçerlilik kavramları, bu kavramları etkileyen etmenler, tek denekli araştırmalarda kullanılan veri toplama teknikleri ve tek denekli araştırma modellerinin yararları ve sınırlılıkları üzerinde durulacaktır.

GMDR501 Araştırma Yöntemleri

Araştırma sorusunu ifade etmek; araştırma konusunun nesnelleştirilmesi; karşılaştırma metotları, değişkenleri ve önemlerini belirlemek; hipotez üretmek ve aralarında hiyerarşi kurmak; çıkarımda bulunmanın metodolojik sorunları; araştırma yazmanın metodolojik sorunları, niceliksel analiz metotları; niceliksel analiz aletleri ve kullanımları (bağıntı oranları, ağ belirleme, kamu politikaları niceliksel analiz teorileri); mülakat metotları ve teknikleri; uygulamalı çalışma.

OZEL544 Yetişkinlik Döneminde Özel Gereksinimi Olan Bireyler

Özel eğitime gereksinimi olan adolesan öğrencilerin beyin yapılarının, değişen biyo-davranış özelliklerinin ihtiyacı olan öğrenciler için kaynaştırma ve bütünleştirmenin anlamı ve başarıya etki eden etmenler, iş, arkadaşlık hayatı, topluma uyum, riskli davranışlardan uzaklaşarak iyi oluş hallerini artırmak için kullanılan teknik, strateji ve programların açıklanması, uyarlanması, geliştirilmesi ve oluşturulması.

GMDR502 Veri Analizi

Bu ders, iş ve akademik alanda kullanılan temel istatistik araçları ve analiz süreçlerini aktararak katılımcıların çalışmalarını verimli bir şekilde yürütebilmesini sağlayacak bilgi alt yapısını oluşturmak, çalışmalarında uygun istatistiksel yöntemleri seçmeyi, toplanan verileri analiz etmede başvurulacak SPSS paket programını kullanarak verileri analiz etmeyi, analiz sonuçlarını tablo ve grafikler oluşturarak yorumlamayı öğretmek, katılımcılara bilimsel araştırma ile temel istatistiksel analizleri yapabilme, değerlendirme ve raporlama bilgi ve becerileri kazandırmayı amaçlamaktadır.

OZEL510 Seminer

Özel Eğitim Alanyazınının Taranması; Tarama Sonucunda Bir Alt Konunun Seçilmesi; Seçilen Konuya İlişkin Ayrıntılı Alanyazını Taramasının Yapılması; Yapılan Taramaya Dayalı Olarak Hazırlanacak Raporun Planlanması; Raporun Hazırlanması; Hazırlanan Raporun Sunulması; Hazırlanan Rapora Dayalı Olarak Araştırma Gereksiniminin Çıkarılması; Araştırma Önerisinin Hazırlanması ve Sunulması.

OZEL500 Tez

Tez orijinal olmalı ve öğrencinin araştırma ve analiz yeteneğini ortaya koymalıdır. Ayrıca, pratik uygulama konuları tez kapsamında ele alınmalıdır. Tez danışmanı ve öğrenci arasında tez konusu belirlenebilir. Tez öğrenci tarafından jüri önünde savunulmaktadır. Tez başarılı veya başarısız olarak değerlendirilebilir.

SECMELİ DERSLER

OZEL541 Özel Eğitimde Bilimsel Dayanaklı Uygulamalar

Otizm Spektrum Bozukluğu (OSB) ile ilgili bu derste OSB ile ilgili araştırma ve kuramlar/uygulamalar incelenecektir. Ders üç temel bölümde ele alınarak tasarlanmıştır. Birinci bölümde OSB tanımı, özellikleri, yaygınlık oranları ve OSB ile ilişkili güncel konular ele alınacaktır. Dersin ikinci bölümü bilimsel-dayanaklı uygulamalar, bilimsel dayanaklı uygulamaların tarihçesi, bilimsel dayanaklı uygulamaları değerlendirme ölçütlerini içermektedir. Üçüncü bölümde ise, OSB alanında bilimsel dayanaklı uygulamalar kapsamında ele alınan uygulamalardan bazıları tanıtılacaktır. Dönem boyunca OSB ve bilimsel dayanaklı uygulamalar yürütülen araştırmalara ilişkin okumalar, bu okumalarla ilgili tartışmalar ve diğer öğrenme deneyimleri gerçekleştirilir.

GEDR511 Eğitimde Yeni Teknolojilerin Kullanımı

Örgün Eğitim sistemi kapsamında yer alan tüm eğitim düzeylerinde (Yüksek Lisans ve Doktora Dahil) istihdam edilecek öğretmenlerin ve akademisyenlerin endüstrinin bir ürünü olan teknolojinin ve teknolojik gelişmelerin eğitim alanı içerisindeki yeri ve bu teknolojilerin pedagojik bağlamda etkin ve doğru kullanımını içeren bir derstir. Bu ders kapsamında öğrenciler hedef kitlenin analizini yaparak hedef kitlenin özelliklerine, ihtiyaçlarına ve konunun içeriğine sadık kalarak en yeni eğitsel teknolojilerin nasıl adapte edileceğini ve kullanılacağını öğrenmektedirler. İletişim kuramları ve teknoloji kuramları ile desteklenen bu ders kapsamında öğrenciler bilgisayar destekli eğitim modellerini, internet ve web destekli eğitim modellerini, çoklu medya ve yazılım destekli eğitim modellerini öğrenmelerinin yanı sıra bu sistemlerin etkin kullanımı için geliştirilmesi gereken stratejik öğretim planları üzerinde çalışma fırsatı da bulmaktadırlar.

OZEL542 Aile Eğitimi Uygulamaları

Aileye İlişkin Temel Bilgiler: Aile, Aile yapıları, Aile özellikleri, Ailenin özel eğitimdeki rolü; Özel Gereksinimi Olan Çocuğun Aileye Etkileri: Aile bireylerinin tepkileri, Anne babaların değişen rolleri, Özel gereksinimi olan çocukların ihmali ve istismarı; Okul Aile İşbirliği: Anne, baba öğretmen iletişimi, Anne baba katılımı; Aile Eğitimi: Yasal düzenlemeler, Aile eğitimi yaklaşımları, Aile eğitimi programları, Aile eğitimi programlarının geliştirilmesi, Program uygulamaları.

OZEL551 Üstün Zekalı Çocukların Psikolojik Gelişimi

Bu derste, öğretmenlerin bütünleştirilmiş eğitim ortamlarında karşılaşacakları üstün zekalı ve üstün yetenekli çocukların psikolojik olarak gelişimleri, ortaya çıkabilecek psikolojik sorunlarını ve çözüm yaklaşımlarını öğrenmeleri hedeflenmektedir.

OZEL552 Öğrenme Güçlükleri ve Giderilmesi

Bu ders, öğretmenleri öğretim planlaması, yönetimi ve öğretimin sunumu konusunda eğitmek için tasarlanmıştır. Devlet okullarında sistematik bozukluklar ve hafif yetersizliklerde öğretim metodolojisinin yanı sıra stratejik program planlamasını da içerir. Ders ayrıca tüm öğrenciler için en uygun öğrenme ortamlarını oluşturmak üzere tasarlanmış sınıf yönetimi ve organizasyon uygulamalarını da ele alır.

OZEL554 Özel Eğitimde Destek Eğitim Hizmetleri

Bu ders, öğretmenlerin özel eğitim hizmetlerini destekleme işlevlerini, kaynaştırma süreci ile birleştirilmesini, kaynak odası desteğinin amacı, içeriği ve geçiş planlarını içerir. Ders ayrıca, eğitim ve öğretim stratejileri ile sınıf içi yardım süreçlerini ve destek hizmetlerinde danışmanlık uygulamalarını da ele alır.

ENGLISH LANGUAGE TEACHING (MA WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
ELTE523	Second Language Acquisition	3	0	3	ELTE546	Professional Development in English Language Teaching	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
ELEL01	Elective I	3	0	3	ELEL03	Elective III	3	0	3
ELEL02	Elective II	3	0	3	ELTE510	Seminar	0	2	0
Total: 21 credits									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
ELTE500	Thesis	0	2	0
Total				0

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
ELTE500	Thesis	0	2	0
Total				0

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
ELTE201	Learning and Teaching Approaches in ELT	0	0	0	ELTE202	English Curriculum	0	0	0
ELTE303	Teaching English Language Skills 1	0	0	0	ELTE304	Teaching English Language Skills 2	0	0	0
ELTE305	Literature & Language Teaching 1	0	0	0	ELTE306	Literature & Language Teaching 2	0	0	0

Course Descriptions

ELTE523 Second Language Acquisition

A review and critical evaluation of current research in first and particularly second language acquisition (SLA). An assessment of the relevance of this to current practices in second language learning and teaching.

CGCR501 Research Methods

An overview of classroom-based research techniques and their implications for language classrooms. Theoretical issues and practical concerns focusing on types of research and their planning, implementation, analysis and reporting stages as typically conducted in foreign/second language learning and teaching.

ELTE546 Professional Development in English Language Teaching

This course concerns with how the career of an ELT teacher may develop and deals with various options available for teacher professional development. This includes in-service training issues and international opportunities and contacts.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis

ELTE510 Seminar

This course is essential preparation for MA thesis through prescribed readings, written and/or oral presentations of the work developed. The course deals with theoretical, ethical and methodological issues that are central to research on language learning. The seminar course is given after the completion of the credit courses. It is evaluated as successful or unsuccessful at the end of the semester.

ELTE500 Thesis

The thesis must be original and should reveal the research and analysis ability of the student. Also, the practical application issues must be covered in the thesis. The topic of the thesis can be determined between the thesis advisor and the student. The thesis will be defended by the student in front of the jury. The thesis can be evaluated as successful or unsuccessful.

ELECTIVE COURSES

ELTE515 Approaches, Methods and Techniques

This course is designed to introduce the theory and practice of teaching English as a Second/Foreign Language and to provide an analysis and discussion of the major approaches, methods and techniques used in English Language Teaching in their historical context. The course focuses on the awareness of student needs, classroom strategies and the use of technical aids to study.

ELTE517 Curriculum Development

This course aims to provide a detailed overview of the principles of and procedures for designing and developing an English Language Teaching curriculum. It is also intended to provide concepts and procedures for those teachers who are in a position to take part in the development of their own curriculum and syllabuses.

ELTE548 General Linguistics

This course provides an analytical and contrastive approach to the areas of phonology, syntax, morphology, lexis of grammar and discourse.

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REHBERLİK VE PSİKOLOJİK DANIŞMANLIK (TEZLİ YÜKSEK LİSANS)

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredilik), 1 seminer ve tezden oluşur. Öğrenciler derslerini birinci yılda alabilir ve ikinci yılda tezleriyle seminerlerini alarak programı tamamlayabilirler.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
RPDE509	Bilişsel-Davranışçı Danışma Uygulamaları	3	0	3	RPDE506	Bireyle Psikolojik Danışma Uygulamaları	3	0	3
GMDR501	Araştırma Yöntemleri	3	0	3	GMDR502	Veri Analizi	3	0	3
RPSD01	Seçmeli I	3	0	3	RPSD03	Seçmeli III	3	0	3
RPSD02	Seçmeli II	3	0	3	RPDE510	Seminer	0	2	0
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
RPDE500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
RPD500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
RPDE305	Psikolojik Danışma İlke ve Teknikleri	0	0	0	RPDE306	Grupla Psikolojik Danışma	0	0	0
RPDE307	Psikolojik Danışma Kuramları	0	0	0	RPDE208	Test Dışı Teknikler	0	0	0
RPDE309	Mesleki Rehberlik	0	0	0	RPDE304	Psikolojik Danışma Becerileri	0	0	0

Ders İçerikleri

RPDE509 Bilişsel -Davranışçı Danışma Uygulamaları

Bilişsel davranışçı yaklaşım, bilişsel davranışçı terapi teknikleri. Bilişsel ve davranışçı terapi tekniklerinin etkinliği. Bilişsel Davranışçı yaklaşım çerçevesinde hazırlanan programların incelenmesi. Çocuk ve ergenlerde bilişsel davranışçı danışma uygulamaları.

GMDR501 Araştırma Yöntemleri

Araştırma sorusunu ifade etmek; araştırma konusunun nesnelleştirilmesi; karşılaştırma metotları, değişkenleri ve önemlerini belirlemek; hipotez üretmek ve aralarında hiyerarşi kurmak; çıkarımda bulunmanın metodolojik sorunları; araştırma yazmanın metodolojik sorunları, niceliksel analiz metotları; niceliksel analiz aletleri ve kullanımları (bağıntı oranları, ağ belirleme, kamu politikaları niceliksel analiz teorileri); mülakat metotları ve teknikleri; uygulamalı çalışma

RPDE506 Bireyle Psikolojik Danışma Uygulamaları

Psikolojik Danışma ilkeleri, danışma süreci ve evreleri, temel beceri ve teknikleri, bu beceri ve teknikler ışığında süpervizyon altında temel psikolojik danışma beceri ve tekniklerini kullanarak en az 10 oturum bireyle psikolojik danışma yapmak.

GMDR502 Veri Analizi

Bu ders, iş ve akademik alanda kullanılan temel istatistik araçları ve analiz süreçlerini aktararak katılımcıların çalışmalarını verimli bir şekilde yürütebilmesini sağlayacak bilgi alt yapısını oluşturmak, çalışmalarında uygun istatistiksel yöntemleri seçmeyi, toplanan verileri analiz etmede başvurulacak SPSS paket programını kullanarak verileri analiz etmeyi, analiz sonuçlarını tablo ve grafikler oluşturarak yorumlamayı öğretmek, katılımcılara bilimsel araştırma ile temel istatistiksel analizleri yapabilme, değerlendirme ve raporlama bilgi ve becerileri kazandırmayı amaçlamaktadır.

RPDE510 Seminer

Öğrencileri seçilen veya verilen bir konuda literatür araştırması yapabilecek bir şekilde yönlendirmek, literatür araştırması sonucunda detaylı bir rapor hazırlamak ve dinleyici bir topluluğun önünde sunabilmelerini sağlamaktır. Seminer dersi kredi derslerinin tamamlanmasından sonra verilmektedir. Dönem sonunda başarılı veya başarısız olarak değerlendirilir.

RPDE500 Tez

Tez orijinal olmalı ve öğrencinin araştırma ve analiz yeteneğini ortaya koymalıdır. Ayrıca, pratik uygulama konuları tez kapsamında ele alınmalıdır. Tez danışmanı ve öğrenci arasında tez konusu belirlenebilir. Tez öğrenci tarafından jüri önünde savunulmaktadır. Tez başarılı veya başarısız olarak değerlendirilebilir.

SEÇMELİ DERSLER

RPDE503 Çağdaş Psikolojik Danışma Kuramları

Psikolojik danışma uygulamalarını temel olan, çağdaş psikolojik akımlarının tüm kuramsal temellerini, temel kavramlarını ilke ve yöntem tekniklerini işleyen ve açıklayan bir derstir. Bu ders, sistematik bir bütünlük içinde tüm çağdaş ve bütünlük içinde psikolojik kuramları ele alıp, açıklamaya çalışmak.

GEDR511 Eğitimde Yeni Teknolojilerin Kullanımı

Örgün Eğitim sistemi kapsamında yer alan tüm eğitim düzeylerinde (Yüksek Lisans ve Doktora Dahil) istihdam edilecek öğretmenlerin ve akademisyenlerin endüstrinin bir ürünü olan teknolojinin ve teknolojik gelişimlerin eğitim alanı içerisindeki yeri ve bu teknolojilerin pedagojik bağlamda etkin

ve doğru kullanımını içeren bir derstir. Bu ders kapsamında öğrenciler hedef kitlenin analizini yaparak hedef kitlenin özelliklerine, ihtiyaçlarına ve konunun içeriğine sadık kalarak en yeni eğitsel teknolojilerin nasıl adapte edileceğini ve kullanılacağını öğrenmektedirler. İletişim kuramları ve teknoloji kuramları ile desteklenen bu ders kapsamında öğrenciler bilgisayar destekli eğitim modellerini, internet ve web destekli eğitim modellerini, çoklu medya ve yazılım destekli eğitim modellerini öğrenmelerinin yanı sıra bu sistemlerin etkin kullanımı için geliştirilmesi gereken stratejik öğretim planları üzerinde çalışma fırsatı da bulmaktadırlar.

RPDE507 Okullarda Önleyici Rehberlik ve Danışma

Psikolojik danışma ve rehberlik alanında önleme işlevinin öneminden hareketle, okullarda önleme hizmetlerinin nasıl yapılabileceğine ilişkin bilgiler, önleme ve önleyici rehberlikle ilgili kavramlar, önleme çalışmalarında okulların rolü, okul temelli olarak önleyici çalışmaların nasıl yapılabileceği üzerinde durulmaktadır.

RPDE551 Ölçek Geliştirme

Bu ders kapsamında PDR’de ölçekler ve ölçekleme teknikleri, ölçek geliştirilmesi ve uyarlama süreci, ölçeklerde madde seçme teknikleri ve analizi, geçerlik ve güvenirlik türleri ve analizi, ölçeklerin kullanımı, değerlendirilmesi ve ölçme sonuçlarının yorumlanması ile ilgili ilke ve uygulamalar hakkında bilgi kazandırılır.

RPDE552 Kariyer Danışmanlığı

Kariyer danışmanlığının temel fonksiyon, kavram ve uygulamaları, kariyer gelişim teorileri ve uygulamaları, kariyer danışmanlığı sürecine giriş, kariyer danışmanlığında görüşme ilke ve becerileri, meslekler ve meslekî yeterlilikler, bireysel ve örgütsel açıdan kariyer planlama ve geliştirme.

RPDE554 Aile Arabuluculuğu

Bu derste ayrılık ya da boşanma aşamasında olan çiftlerin aralarındaki anlaşmazlıkları tarafsız bir arabulucu (mediator) yardımıyla çözümleyerek mahkeme süreci öncesinde ortak bir uzlaşmaya varabilmelerini sağlamaya yönelik bilgi ve beceriler aktarılmaktadır. Bu amaçla derste boşanma olgusu, boşanmanın çocuklar ve yetişkinler/ebeveynler üzerindeki etkileri, çocukların boşanma sürecine ve sonrasına uyumu, boşanma sonucu oluşan tek ebeveynli aileler; hukuk uyuşmazlıklarında arabuluculuk yöntemi ve boşanma arabuluculuğu, arabuluculukla ilgili mevzuat ve etkili arabuluculuk süreci konuları ele alınmaktadır. temel sağlanması öngörülmektedir.

EĞİTİM YÖNETİMİ VE DENETİMİ (TEZLİ YÜKSEK LİSANS)

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredilik), 1 seminer ve tezden oluşur. Öğrenciler derslerini birinci yılda alabilir ve ikinci yılda tezleriyle seminerlerini alarak programı tamamlayabilirler.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
EYDE509	Öğretim Programları ve Denetim	3	0	3	EYDE508	Eğitim Yönetiminde Kuram ve Uygulama	3	0	3
GMDR501	Araştırma Yöntemleri	3	0	3	GMDR502	Veri Analizi	3	0	3
EYSD01	Seçmeli I	3	0	3	EYSD03	Seçmeli III	3	0	0
EYSD01	Seçmeli II	3	0	3	EYDE510	Seminer	0	2	0
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
EYDE500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
EYDE500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

Ders İçerikleri

EYDE509 Öğretim Programları ve Denetim

Eğitim sistemlerinin temel örgütleri olan okullardaki öğretimsel etkinlikler için gerekli olan öğretim programlarının önemi, hazırlanması ve etkin kullanılması, programlarda ortaya çıkan yeni yaklaşımlar, yeni öğretim teknolojilerinin programlardaki yeri ve önemi, yeni program yaklaşımları ile ortaya çıkan çağdaş öğretim yöntem ve tekniklerinin yaygınlaşması.

GMDR501 Araştırma Yöntemleri

Araştırma sorusunu ifade etmek; araştırma konusunun nesnelleştirilmesi; karşılaştırma metotları, değişkenleri ve önemlerini belirlemek; hipotez üretmek ve aralarında hiyerarşi kurmak; çıkarımda bulunmanın metodolojik sorunları; araştırma yazmanın metodolojik sorunları, niceliksel analiz metotları; niceliksel analiz aletleri ve kullanımları (bağıntı oranları, ağ belirleme, kamu politikaları niceliksel analiz teorileri); mülakat metotları ve teknikleri; uygulamalı çalışma

EYDE508 Eğitim Yönetiminde Kuram Ve Uygulama

Yönetim ve eğitim yönetiminin tanımı, belli başlı yönetim kuramları ve görüşler, kuramların gelişme yönü, yönetim kuramlarına karşılaştırmalı bakış, yönetim süreçleri, yönetimin eğitim sistemindeki önemi, eğitim sisteminin amaç, yapı, süreç ve iklim boyutlarında analizi, iyi bir eğitim yönetiminin özellikleri.

GMDR502 Veri Analizi

Bu ders, iş ve akademik alanda kullanılan temel istatistik araçları ve analiz süreçlerini aktararak katılımcıların çalışmalarını verimli bir şekilde yürütebilmesini sağlayacak bilgi alt yapısını oluşturmak, çalışmalarında uygun istatistiksel yöntemleri seçmeyi, toplanan verileri analiz etmede başvurulacak SPSS paket programını kullanarak verileri analiz etmeyi, analiz sonuçlarını tablo ve grafikler oluşturarak yorumlamayı öğretmek, katılımcılara bilimsel araştırma ile temel istatistiksel analizleri yapabilme, değerlendirme ve raporlama bilgi ve becerileri kazandırmayı amaçlamaktadır.

EYDE510 Seminer

Öğrencileri seçilen veya verilen bir konuda literatür araştırması yapabilecek bir şekilde yönlendirmek, literatür araştırması sonucunda detaylı bir rapor hazırlamak ve dinleyici bir topluluğun önünde sunabilmelerini sağlamaktır. Seminer dersi kredi derslerinin tamamlanmasından sonra verilmektedir. Dönem sonunda başarılı veya başarısız olarak değerlendirilir.

EYDE500 Tez

Tez orijinal olmalı ve öğrencinin araştırma ve analiz yeteneğini ortaya koymalıdır. Ayrıca, pratik uygulama konuları tez kapsamında ele alınmalıdır. Tez danışmanı ve öğrenci arasında tez konusu belirlenebilir. Tez öğrenci tarafından jüri önünde savunulmaktadır. Tez başarılı veya başarısız olarak değerlendirilebilir.

SEÇMELİ DERSLER

GEDR511 Eğitimde Yeni Teknolojilerin Kullanımı

Örgün Eğitim sistemi kapsamında yer alan tüm eğitim düzeylerinde (Yüksek Lisans ve Doktora Dahil) istihdam edilecek öğretmenlerin ve akademisyenlerin endüstrinin bir ürünü olan teknolojinin ve teknolojik gelişmelerin eğitim alanı içerisindeki yeri ve bu teknolojilerin pedagojik bağlamda etkin ve doğru kullanımını içeren bir derstir. Bu ders kapsamında öğrenciler hedef kitlenin analizini yaparak hedef kitlenin özelliklerine, ihtiyaçlarına ve konunun içeriğine sadık kalarak en yeni eğitsel teknolojilerin nasıl adapte edileceğini ve kullanılacağını öğrenmektedirler. İletişim kuramları ve

teknoloji kuramları ile desteklenen bu ders kapsamında öğrenciler bilgisayar destekli eğitim modellerini, internet ve web destekli eğitim modellerini, çoklu medya ve yazılım destekli eğitim modellerini öğrenmelerinin yanı sıra bu sistemlerin etkin kullanımı için geliştirilmesi gereken stratejik öğretim planları üzerinde çalışma fırsatı da bulmaktadırlar.

EYDE504 Örgütsel Davranış

Örgütsel davranış alanı, örgütsel yaklaşımlar, örgüt içindeki grupların ve bireylerin davranışlarını etkileyen, kişilik, motivasyon, örgütsel iklim, iletişim, liderlik, iş doyumu, moral, çatışma, problem çözme ve stresle başa çıkma yöntemleri, örgütsel etkililik ile örgütsel değişme kavramları üzerinde tartışmalar ve öğrenci projeleri.

EYDE505 Eğitim Denetimi

Eğitim denetiminin yasal, tarihsel-felsefî ve toplumsal temelleri, Eğitim denetimi kuram, ilke ve teknikleri, Türk eğitim sisteminde teftiş birimlerinin yönetsel ve örgütsel yapılanması, Denetim türleri, kurum, sınıf ve ders denetiminin çeşitli boyutları. Ulusal ve uluslar arası eğitim deneticisi yetiştirme uygulamaları, Eğitim denetiminin okul verimliliği, eğitim programları, okul iklimi-kültürü ve değişim yönetimi vb kavramlarla etkileşimi., Eğitim denetiminde yeni yaklaşımlar (performans değerlendirme, performansa dayalı ödüllendirme, öğretmen kariyer sistemi vb), Türk eğitim sisteminin denetimsel sorunları.

EYDE506 Karşılaştırmalı Eğitim Yönetimi

Karşılaştırmalı eğitimin tanımı, kapsamı, tarihi gelişimi, karşılaştırmalı eğitim ile ilgili yeni yaklaşımlar, yöntemler, Türk eğitim sisteminin diğer ülkelerin eğitim sistemleriyle karşılaştırılması, çağdaş eğitim sistemlerinin incelenmesi.

EYDE515 Öğretimsel Liderlik

Eğitim etkinliklerinin düzenlenmesi, sürdürülmesi ve değerlendirilmesinde çağdaş yaklaşımlar, öğretim sürecinde öğretmene öğretimsel liderlik yapılmasının önemi, öğretimde denetim ve denetim sürecinde etkililik, öğretimsel denetim, klinik denetim ve liderlik.

EYDE516 İnsan Kaynakları Yönetimi

Öğrencilerin insan kaynakları yönetimi işlevlerini, işletmelerde uygulamalarına olanak verecek bilgi ve yetenekleri geliştirmeleri, İnsan kaynakları yönetimi düşüncesinin tarihsel gelişimi, sanayi toplumunun geçirdiği dönüşümlerin anlaşılması, kuramsal tartışmaların ve işletme uygulamalarının değerlendirilmesi.

HEALTH MANAGEMENT (MA WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
HLMN505	Public Health	3	0	3	HLMN508	Comparative Health Care Systems	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
HMEL01	Elective I	3	0	3	HMEL03	Elective III	3	0	3
HMEL02	Elective II	3	0	3	HLMN510	Seminar	0	2	0
Total: 21 credits									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
HLMN500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
HLMN500	Thesis	0	2	0
Total		0		

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
HLMN359	Healthcare Policies	0	0	0	HLMN150	Introduction to Health Management	0	0	0
HLMN353	Marketing of Health Services	0	0	0	HLMN304	Healthcare Planning	0	0	0
HLMN405	Comparative Studies of Healthcare Services	0	0	0	HLMN206	Organizational Behaviour	0	0	0

Course Descriptions

HLMN505 Public Health

This course covers a range of topics, issues, and frameworks to help students understand current public health issues and public health services, systems, policies, and practices. Primary Health Care and Health promotion are included in this course as particular chapters. Environmental emergencies and social diseases are also included in this course.

CGCR501 Research Methods

This course is designed to consolidate and extend existing graduate knowledge concerning methodology and statistics. The course provides exposure to a range of conceptual, methodological and statistical skills that are likely to be encountered during the completion of theses as well as in future research and professional work. Students are instructed in the threats to validity and reliability in methodological designs, given exposure to advanced analytical techniques such as bootstrapping, planned contrasts, mediation and moderation in regression, hierarchical modelling and logistic regression. There is also an advanced section on tests for proportion and count data. One third of the course is directed towards qualitative methods including a review of the methods used in thematic and discourse analysis.

HLMN508 Comparative Health Care Systems

This course examines the structure of health care systems in different countries, focusing on financing, reimbursement, delivery systems and adoption of new technologies. We study the relative roles of private sector and public sector insurance and providers, and the effect of system design on cost, quality, efficiency and equity of medical services. Our main focus is on the systems in four large, prototypical OECD countries--Germany, Canada, Japan, and the United Kingdom--and then look at other countries with interesting systems- including Italy, Chile, Singapore, Brazil, China and India. We draw lessons for Turkey and TRNC from foreign experience and vice versa.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

HLMN510 Seminar (non-credit)

Seminar in the related area of interest after the completion of courses. Seminar is graded on success or fail basis.

HLMN500 Thesis (non-credit)

The thesis must be original and reveal the student's ability in investigation and analysis and have a practical application in the world of their profession. The thesis should be on a subject decided upon both by advisor and student. The thesis should be submitted after successful completion of required courses and defended by the candidate in front of jury. The thesis is graded on success or fail basis.

ELECTIVE COURSES

BUSN508 Management and Organization

The course covers the nature of management, management theories and perspectives, organizational environment, social responsibility and ethics. Course discusses the basic management functions. Planning: decision making, organizational goals, strategic management and implementation. Organizing: organizational structure, organizational design, change and innovation. Leading: management and motivation, leadership in organizations, groups in organizations, management and

communication. Controlling: Foundations of management control, quality, productivity and customer satisfaction.

BUSN514 Advanced Human Resource Management

The course focuses on the policies, procedures and practices of HRM, managing the recruitment, selection, training, promotion, remuneration and working conditions of the people employed by the organizations, productivity, motivation, quality of work life and industrial relations.

HLMN513 Healthcare Policies

This course will provide students a broad overview of the current national and international healthcare policies. The course will examine potential reforms, including those offered by liberals and conservatives and information that can be extracted from health care systems in other developed countries. The course will also explore key facets of improving access to care and health insurance exchanges, improving quality and constraining costs through health care delivery system reforms, realigning capacity through changes in the health care workforce and in medical education, the potential impact on biomedical and other innovations, and the impact on economic outcomes such as employment, wage growth, and federal budget deficits. Throughout the course, the key lessons will integrate the disciplines of health economics, health and social policy, law and political science to elucidate key principles.

BESLENME VE DİYETETİK (TEZLİ YÜKSEK LİSANS)

(Eğitim dili :Türkçe)

Program 7 ders (21 kredilik), 1 seminer ve tezden oluşur. Öğrenciler derslerini birinci yılda alabilir ve ikinci yılda tezleriyle seminerlerini alarak programı tamamlayabilirler.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
BESD501	İleri Beslenmede Makro Besin Öğeleri	3	0	3	BESD502	İleri Beslenmede Mikro Besin Öğeleri	3	0	3
GMDR501	Araştırma Yöntemleri	3	0	3	GMDR502	Veri Analizi	3	0	3
BDSD01	Seçmeli I	3	0	3	BDSD03	Seçmeli III	3	0	0
BDSD02	Seçmeli II				BESD510	Seminer	0	2	0
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
BESD500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
BESD500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

Ders İerikleri

BESD501 İleri Beslenmede Makro Besin egeleri

Enerji dengesi, protein, karbonhidrat ve yağ metabolizmasının yanı sıra açlık-tokluk mekanizmaları ve metabolik düzenleyici süreçlerin biyokimyasal ve fizyolojik temelleriyle birlikte ileri düzeyde incelenmesi

GMDR501 Araştırma Yöntemleri

Araştırma sorusunu ifade etmek; araştırma konusunun nesnelleştirilmesi; karşılaştırma metotları, değişkenleri ve önemlerini belirlemek; hipotez üretmek ve aralarında hiyerarşi kurmak; çıkarımda bulunmanın metodolojik sorunları; araştırma yazmanın metodolojik sorunları, niceliksel analiz metotları; niceliksel analiz aletleri ve kullanımları (bağıntı oranları, ağ belirleme, kamu politikaları niceliksel analiz teorileri); mülakat metotları ve teknikleri; uygulamalı çalışma

BESD501 İleri Beslenmede Mikro Besin egeleri

Mikro besin egeleri ile suyun biyokimyasal ve fizyolojik işlevlerinin, emilim, taşınım ve metabolik süreçler açısından analiz edilerek; yetersizlik ve fazlalık durumlarında ortaya çıkabilecek metabolik bozuklukların ileri düzeyde incelenmesi

GMDR502 Veri Analizi

Bu ders, iş ve akademik alanda kullanılan temel istatistik araçları ve analiz süreçlerini aktararak katılımcıların çalışmalarını verimli bir şekilde yürütebilmesini sağlayacak bilgi alt yapısını oluşturmak, çalışmalarında uygun istatistiksel yöntemleri seçmeyi, toplanan verileri analiz etmede başvurulacak SPSS paket programını kullanarak verileri analiz etmeyi, analiz sonuçlarını tablo ve grafikler oluşturarak yorumlamayı öğretmek, katılımcılara bilimsel araştırma ile temel istatistiksel analizleri yapabilme, değerlendirme ve raporlama bilgi ve becerileri kazandırmayı amaçlamaktadır.

BESD510 Seminer

Seminer konusu, alınması gerekli olan ders kredileri tamamlandıktan sonra verilir. Yarıyıl sonunda başarılı yada başarısız olarak değerlendirilir.

BESD500 Tez

Tez orjinal olmalı. Uygulanabilir konuları kapsamalıdır. Öğrencinin araştırma ve analiz yapma özelliklerini geliştirmelidir. Tez konusu danışman ve öğrenci tarafından birlikte kararlaştırılır. Tez öğrenci tarafından jüri önünde savunularak başarılı yada başarısız olarak değerlendirilir.

SEÇMELİ DERSLER

BESD514 Sporcu Beslenmesi

Besin egeleri ve performans üzerine etkileri, egzersiz için gerekli olan enerji sistemleri, sıvı alımı, vücut kompozisyonu, enerji dengesi ve vücut ağırlığının kontrolü, egzersizin sağlıkla ilişkisi, yetersiz ve dengesiz beslenmeye bağlı sorunlar ile besin destekleri, spor gruplarına göre yarış öncesi, sırası ve sonrası sporcu diyetlerinin düzenlenmesi, olgu çözümleri.

BESD521 Metabolizma Hastalıklarında Beslenme

Kalıtsal metabolizma hastalıklarının sınıflandırılması, tanı yöntemleri, görülme sıklığı, komplikasyonları, klinik ve laboratuvar bulgularının yorumlanması, metabolizma hastalıklarının tıbbi tedavi yöntemleri, beslenme tedavisi yöntemleri ve besleme tedavisi yöntemlerindeki farklı uygulamalar ve yaklaşımların tartışılması, Kalıtsal metabolizma hastalıklarında olgu çözümleri.

BESD505 Besin Güvenliđi ve Hijyen

Besin güvenliđinde tehlike ve risk, mikrobiyolojik tehlikeler, kimyasal tehlikeler, fiziksel tehlikeler, kontaminasyon kaynakları ve kontrolleri, kritik kontrol noktaları, gıda güvenliđinde zorunlu yasal düzenlemeler, üretimden sofraya gıda güvenliđi için global kabul gören gıda güvenliđi sistemleri (HACCP, ISO 22000, IFS, GLOBALG.A.P., BRC, İTU, organik ürünler vb.).

BESD518 Diabetes Mellitus ve Beslenme

Diyabetin tanımı, sınıflaması, tanı yöntemleri, patogenezi, komplikasyonları, tedavi yöntemleri, insülin ve oral antidiyabetik tedavisinde beslenmenin rolü ile diyabette tıbbi beslenme tedavisi, karbonhidrat sayımı ve diyabet eğitimi ilkelerini içermektedir. Diyabetin oluşumunda ve tedavisinde beslenmenin etkinliđini ve önemini, tıbbi beslenme tedavisinin amaçlarını ve ilkelerini öğretmek amaçlanmaktadır.

BESD522 Klinik Beslenmede Sorunlar

Klinik beslenmede karşılaşılan sorunlar ve bu sorunlar ile hastalıklar arasındaki ilişkileri içermektedir. Klinik beslenmede karşılaşılan sorunlar ile hastalıklar arasındaki ilişkilerin incelenmesi amaçlanmaktadır.

FTRH507 Sađlık Bilimlerinde Etik

Etik kavramı, temel etik ilkeleri, etik türleri, kalite standartları, işletmelerde yaşanan etik sorunlar, etik ve hasta şikâyetleri, sađlık sektöründe ortaya çıkan kusurlu hizmetlerin deđerlendirilmesi. Sađlık Bilimlerinde “etik” ile ilgili kavramlarla tanıştırma; etik kuramlarını ve türlerini tarif etme; etik davranışlara rehberlik eden etik ilke, kod ve kuralları deđerlendirme amacı taşımaktadır. Etik karar alma süreçlerini açıklayabilecek, Etik olarak yol gösterebilecek modeller belirleyebilecek, Teknolojide etik tehlike ve riskleri deđerlendirebilecek, Sađlık kurumlarının geleceğinde etiğin önemini deđerlendirebilecek, Etik ile ilgili vakaya özel müdahale örnekleri ve davranışları açıklayabilecek, Etik ile mevzuatına ait hususları deđerlendirebilecektir.

HEMŞİRELİK (TEZLİ YÜKSEK LİSANS)

(Eğitim dili :Türkçe)

Program 7 ders (21 kredilik), 1 seminer ve tezden oluşur. Öğrenciler derslerini birinci yılda alabilir ve ikinci yılda tezleriyle seminerlerini alarak programı tamamlayabilirler.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
HEMS507	Yoğun Bakım Hemşireliği	3	0	3	HEMS504	İç Hastalıkları Hemşireliği	3	0	3
GMDR501	Araştırma Yöntemleri	3	0	3	GMDR502	Veri Analizi	3	0	3
HMSD01	Seçmeli I				HMSD03	Seçmeli III	3	0	3
HMSD02	Seçmeli II				HEMS510	Seminer	0	2	0
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
HEMS500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
HEMS500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

Ders İçerikleri

HEMS507 Yoğun Bakım Hemşireliği

Cerrahi ve dahili yoğun bakımlarda kritik bakım yaklaşımları, hasta ve ailesine yaklaşım ve yoğun bakımda kullanılan yeni teknolojiler konusunda bilgi ve beceri kazandırmak.

GMDR501 Araştırma Yöntemleri

Araştırma sorusunu ifade etmek; araştırma konusunun nesnelleştirilmesi; karşılaştırma metotları, değişkenleri ve önemlerini belirlemek; hipotez üretmek ve aralarında hiyerarşi kurmak; çıkarımda bulunmanın metodolojik sorunları; araştırma yazmanın metodolojik sorunları, niceliksel analiz metotları; niceliksel analiz aletleri ve kullanımları (bağıntı oranları, ağ belirleme, kamu politikaları niceliksel analiz teorileri); mülakat metotları ve teknikleri; uygulamalı çalışma

HEMS504 İç Hastalıkları Hemşireliği

Temel kavramlar ve konular doğrultusunda iç hastalıkları sorunu olan birey ve ailesine yaklaşımda hemşirenin rolünü tartışmak. Öğrenciye kanıt temelli ve sistematik bir bakım planı yapabilme, kritik düşünme becerisini kazandırmak.

GMDR502 Veri Analizi

Bu ders, iş ve akademik alanda kullanılan temel istatistik araçları ve analiz süreçlerini aktararak katılımcıların çalışmalarını verimli bir şekilde yürütebilmesini sağlayacak bilgi alt yapısını oluşturmak, çalışmalarında uygun istatistiksel yöntemleri seçmeyi, toplanan verileri analiz etmede başvurulacak SPSS paket programını kullanarak verileri analiz etmeyi, analiz sonuçlarını tablo ve grafikler oluşturarak yorumlamayı öğretmek, katılımcılara bilimsel araştırma ile temel istatistiksel analizleri yapabilme, değerlendirme ve raporlama bilgi ve becerileri kazandırmayı amaçlamaktadır.

HEMS510 Seminer

Hemşirelik alanında öğrencinin danışmanı ile birlikte karar vereceği bir konuda yüksek lisans tezine hazırlık niteliğinde bir çalışmanın sunumu.

HEMS500 Tez

Tez orijinal olmalı. Uygulanabilir konuları kapsamalıdır. Öğrencinin araştırma ve analiz yapma özelliklerini geliştirmelidir. Tez konusu danışman ve öğrenci tarafından birlikte kararlaştırılır. Tez öğrenci tarafından jüri önünde savunularak başarılı yada başarısız olarak değerlendirilir.

SECMELİ DERSLER

HEMS501 Hemşireliğin Kavramsal Çerçevesi

Derste hemşireliğin dört kavramı olan; insan, sağlık, hastalık ve çevre ele alınacak ve bu kavramların insan sağlığına hemşirelik felsefisine yansımaları anlatılacaktır. Dünya Hemşireliğinde yer alan kuramcılar ve onların hemşirelik felsefeleri anlatılacaktır.

HEMS517 Adli Hemşirelik

Acil ünitelerde adli vakalara yaklaşımın nasıl olacağı, çocuk , yaşlı istismarı, cinsel istismar ve intihar vakalarında hemşirenin sorumlulukları, adli vakalarda yasal bildirim, kayıt ve delillerin saklanması ve korunması ile hastane öncesi acil hizmetlerde olay yerinde yapılması gerekenler ele alınacaktır.

HEMS508 Hemşirelikte Etik Kavramlar

Etik kavramı, insan hakları ve etiği, sağlık yaklaşımlarında etik uygulamalar, hemşireliğin etik kodları, konularında bilgi verilecektir.

HEMS552 Psikososyal Hemşirelik

Bu derste öğrencilere psikososyal hemşireliğin tanımlanması, tıbbi ya da cerrahi hastalık tanısına sahip olmaya ilişkin hastanın yaşadığı yoğun duygusal tepkilerin ele alınması, hemşirelik bakımını güçleştiren kişilik tiplerinin tanınması, bireyin sağlığını etkileyen yaşam krizlerinin belirlenmesi ve yardım becerilerinin öğretilmesi amaçlanır.

HEMS554 Davranışın Nörobiyolojisi

Bu derste, davranışsal olaylarda rol oynayan temel anatomik beyin bölgeleri, davranışsal işlevlerin fizyolojik temelleri, davranışsal işlevlerde rol oynayan temel nörotransmitterler, bilişsel fonksiyonlar, öğrenme, bellek, dikkat, duygu, davranış, davranışsal plastisite ele alınır.

FTRH507 Sağlık Bilimlerinde Etik

Etik kavramı, temel etik ilkeleri, etik türleri, kalite standartları, işletmelerde yaşanan etik sorunlar, etik ve hasta şikâyetleri, sağlık sektöründe ortaya çıkan kusurlu hizmetlerin değerlendirilmesi. Sağlık Bilimlerinde “etik” ile ilgili kavramlarla tanıştırma; etik kuramlarını ve türlerini tarif etme; etik davranışlara rehberlik eden etik ilke, kod ve kuralları değerlendirme amacı taşımaktadır. Etik karar alma süreçlerini açıklayabilecek, Etik olarak yol gösterebilecek modeller belirleyebilecek, Teknolojide etik tehlike ve riskleri değerlendirebilecek, Sağlık kurumlarının geleceğinde etiğin önemini değerlendirebilecek, Etik ile ilgili vakaya özel müdahale örnekleri ve davranışları açıklayabilecek, Etik mevzuatına ait hususları değerlendirebilecektir.

FİZYOTERAPİ VE REHABİLİTASYON (TEZLİ YÜKSEK LİSANS)

(Eğitim Dili : Türkçe)

Program 7 ders (21 kredilik), 1 seminer ve tezden oluşur. Öğrenciler derslerini birinci yılda alabilir ve ikinci yılda tezleriyle seminerlerini alarak programı tamamlayabilirler.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
FTRH503	Nörolojik Hastalıklarda Fizyoterapi	3	0	3	FTRH502	Muskuloskeletal Hastalıklarda Fizyoterapi	3	0	3
GMDR501	Araştırma Yöntemleri	3	0	3	GMDR502	Veri Analizi	3	0	3
FTSD01	Seçmeli I	3	0	3	FTSD03	Seçmeli III	3	0	3
FTSD02	Seçmeli II	3	0	3	FTRH510	Seminer	0	2	0
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
FTRH500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
FTRH500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

Ders İçerikleri

FTRH503 Nörolojik Hastalıklarda Fizyoterapi

Serebrovasküler olay , Tanım, Anatomi , Patogenez , Risk Faktörleri , Arteriyel Dolaşımın Serebral Bölge Lokalizasyonu ve Lezyonlarındaki Klinik Bulgular, Serebrovasküler Olayda Nörolojik İyileşme Mekanizmaları ve Evreleri , Serebrovasküler Olay Tedavi, Akut Dönem Tedavi, Serebrovasküler Olay Rehabilitasyonu, Klasik yöntemler, Nörofizyolojik tedavi yaklaşımları , Brunnstrom Yöntemi , Bobath Yöntemi, Rood yöntemi, Proprioceptif Nöromuskuler Fasitilasyon , Margeret Johnstone Yöntemi , Todd-Davies Yöntemi, Kabat, Knott, Voss Yöntemleri, Constraint-İnduced movement Therapy, biofeedback Yöntemi, Elektrik Stimulasyon ve Fonksiyonel Elektriksel Stimulasyon, konularını içermektedir.

GMDR501 Araştırma Yöntemleri

Araştırma sorusunu ifade etmek; araştırma konusunun nesnelleştirilmesi; karşılaştırma metotları, değişkenleri ve önemlerini belirlemek; hipotez üretmek ve aralarında hiyerarşi kurmak; çıkarımda bulunmanın metodolojik sorunları; araştırma yazmanın metodolojik sorunları, niceliksel analiz metotları; niceliksel analiz aletleri ve kullanımları (bağıntı oranları, ağ belirleme, kamu politikaları niceliksel analiz teorileri); mülakat metotları ve teknikleri; uygulamalı çalışma

FTR502 Muskuloskeletal Hastalıklarda Fizyoterapi

Manuel terapi tekniklerinin bilimsel temeli ve ilgili mekanizmalar, konraendikasyon, endikasyonları ve güncel manuel fizyoterapi teknikleri ile ilgili bilgi kazanmak amacı ile musculoskeletal manuel fizyoterapi konseptleri (bilimsel temel, biyomekanik, reflektif, nörofizyolojik ve psikolojik değişiklikler), myofasyal germe, trigger noktaları ve myofastal terapi, yumuşak doku mobilizasyonu , terapötik masaj, PNF, derin friksiyon masajı, Mulligan konsepti, Mc Kenzie yöntemi, Cyriax, Kaltenborn-Evjenth konsept ortopedik manuel terapi yöntemleri ve egzersiz programlarını içermektedir.

GMDR502 Veri Analizi

Bu ders, iş ve akademik alanda kullanılan temel istatistik araçları ve analiz süreçlerini aktararak katılımcıların çalışmalarını verimli bir şekilde yürütebilmesini sağlayacak bilgi alt yapısını oluşturmak, çalışmalarında uygun istatistiksel yöntemleri seçmeyi, toplanan verileri analiz etmede başvurulacak SPSS paket programını kullanarak verileri analiz etmeyi, analiz sonuçlarını tablo ve grafikler oluşturarak yorumlamayı öğretirken, katılımcılara bilimsel araştırma ile temel istatistiksel analizleri yapabilme, değerlendirme ve raporlama bilgi ve becerileri kazandırmayı amaçlamaktadır.

FTRH510 Seminer

Fizyoterapi ve Rehabilitasyon alanında öğrencinin danışmanı ile birlikte karar vereceği bir konuda yüksek lisans tezine hazırlık niteliğinde bir çalışmanın sunumu.

FTRH500 Tez

Tez orijinal olmalı. Uygulanabilir konuları kapsamalıdır. Öğrencinin araştırma ve analiz yapma özelliklerini geliştirmelidir. Tez konusu danışman ve öğrenci tarafından birlikte kararlaştırılır. Tez öğrenci tarafından jüri önünde savunularak başarılı yada başarısız olarak değerlendirilir.

SEÇMELİ DERSLER

FTRH515 Pediatrik Hastalarda Fizyoterapi

Bebek ve çocuklarda normal gelişim, Serebral palsi, fizyoterapi ve rehabilitasyonu, literatür araştırması, kas hastalıkları, fizyoterapi ve rehabilitasyonu, literatür araştırması, kas hastalıkları, fizyoterapi ve rehabilitasyonu, literatür araştırması, konjenital musküler tortikollis, fizyoterapi ve rehabilitasyonu,

literatür araştırması, spina bifida, fizyoterapi ve rehabilitasyonu , literatür araştırması, obstetrik brakial pleksus, fizyoterapi ve rehabilitasyonu, pediatrik romatolojide fizyoterapi ve rehabilitasyon (kanıta dayalı uygulamalar), entelektüel gelişimsel gerilik, yaygın gelişimsel bozukluklar ve otizm, fizyoterapi ve rehabilitasyonu (kanıta dayalı uygulamalar), pediatrik solunum sistemi (anatomi ve fizyolojisi), pediatrik akciğer hastalıkları, pediatrik akciğer hastalıklarında fizyoterapi değerlendirme yöntemler, pediatrik akciğer hastalıklarında fizyoterapi ve rehabilitasyon (kanıta dayalı uygulamalar), pediatrik kardiyovasküler sistem (anatomi ve fizyolojisi), pediatrik kardiyovasküler hastalıklar Pediatrik kardiyovasküler hastalıklarda değerlendirme, fizyoterapi ve rehabilitasyon (kanıta dayalı uygulamalar)

FTRH517 Kanıta Dayalı Egzersiz Tedavisi

Egzersiz tedavisinin genel prensipleri, hareket açıklığı egzersizleri ve kanıta dayalı uygulaması, kas kuvvetlendirme ve endurans egzersizleri ve kanıta dayalı uygulaması, germe egzersizleri ve kanıta dayalı uygulaması, gevşeme egzersizleri ve kanıta dayalı uygulaması, propriosepsiyon egzersizleri ve kanıta dayalı uygulaması, kardiyorespiratuar endurans egzersizleri ve kanıta dayalı uygulaması, su içi egzersizleri ve kanıta dayalı uygulaması, açık-kapalı kinetik halka egzersizleri ve kanıta dayalı uygulaması, izokinetik ve pilometrik egzersizleri ve kanıta dayalı uygulaması, nöromuskular stabilizasyon egzersizleri ve kanıta dayalı uygulaması, egzersiz uygulamalarında güncel yaklaşımlar

FTRH512 Nörofizyolojik Yaklaşımlar

Proprioseptif Nöromuskuler Fasilitasyon (PNF) tanımı ve terminolojisi, üst alt ekstremité , baş- boyun PNF, alt gövde , üst gövde PNF paternleri, teknikleri, bilateral uygulamalar, MAT aktiviteleri, günlük yaşam aktiviteleri, hayati fonksiyonlarda PNF uygulamalarını içermektedir.

FTRH507 Sağlık Bilimlerinde Etik

Etik kavramı, temel etik ilkeleri, etik türleri, kalite standartları, işletmelerde yaşanan etik sorunlar, etik ve hasta şikâyetleri, sağlık sektöründe ortaya çıkan kusurlu hizmetlerin değerlendirilmesi. Sağlık Bilimlerinde “etik” ile ilgili kavramlarla tanıştırma; etik kuramlarını ve türlerini tarif etme; etik davranışlara rehberlik eden etik ilke, kod ve kuralları değerlendirme amacı taşımaktadır. Etik karar alma süreçlerini açıklayabilecek, Etik olarak yol gösterebilecek modeller belirleyebilecek, Teknolojide etik tehlike ve riskleri değerlendirebilecek, Sağlık kurumlarının geleceğinde etiğin önemini değerlendirebilecek, Etik ile ilgili vakaya özel müdahale örnekleri ve davranışları açıklayabilecek, Etik mevzuatına ait hususları değerlendirebilecektir.

FTRH506 Spor Yaralanmaları ve Fizyoterapisi

Spor yaralanmasının semptom ve işaretlerinin anlamlarının kavranmasını sağlamak, farklı spor branşlarında oluşabilecek yaralanma mekanizmalarını tanımlamak, spora ve vücut bölgesine göre değerlendirme yöntemlerini tanımlamak, spor yaralanmalarından korunma ve yaralanmaları önleme prensiplerini tanımlamak, yaralanmaları etkileyen faktörleri kavramak ve önleme prensipleri ile ilişkisini kurarak çalışmalarına yansıtmak, spor yaralanmalarından sonra uygunacak rehabilitasyon programını tanımlayabilmek, analiz edebilmek, klinik problem çözme becerisini kullanabilmek.

FTRH510 Protez Ortez Uygulamalarında Fizyoterapi Prensipleri

Hareket altında yatan mekanik prensiplerin analizine ve ortez prensiplerine giriş, uygun ortez materyallerinin çalışılması, ortez dizaynı öğretilecektir. Ortezde biomekani prensipleri, ortez öncesi ve sonrası değerlendirme, ayak deformite ve ortezleri, yürüme ortezleri, ayakkabı modifikasyonları, kalça patolojilerinde(Perthes-Doğuştan Kalça Çıkığı) ortezleme, spor yaralanmalarında ortezleme, diz ortezleri, spinal ortezler, skolyoz ortezleri, statik ve dinamik el ve el bileği ortezleri, dirsek ortezleri, omuz ortezleri, brakial pleksus yaralanmalarında ortezleme, kontraktür ortezleri, postoperatif ortezler, yanık ortezleri, ortez kontrolü; ampute ve konjenital ekstremité bozuklukları olan hasta için uygun proteze karar vermek, protezin parçaları ve yapılış işlemi hakkında bilgi vermek, amputasyon ve protez

uygulamaları ile ilgili komplikasyonları belirleyebilmek ve sonuç olarak uygun tedavi programını planlayarak klinikte uygulayabilmektir.

MANAGEMENT INFORMATION SYSTEMS (MA WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
MISY503	Communication Techniques Management	3	0	3	MISY536	Information Security	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
MIEL01	Elective I	3	0	3	MIEL03	Elective III	3	0	3
MIEL02	Elective II	3	0	3	MISY510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
MISY500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
MISY500	Thesis	0	2	0
Total		0		

Course Descriptions

MISY503 Communication Techniques Management

Basic theory and processes of communication skills necessary for the management of an organization's workforce. Examination how techniques impact communication processes in personal and organizational contexts. This course explores theories, concepts, and research associated with computer-mediated communication, mobile devices, social networking and virtual teams. Students will also understand how to manage and know one's own management style, explore the role of leadership in an organization, understand management principles and how they relate to marketing communications, be versed in management trends, comprehend and develop skills for time management, financial and resource management.

CGCR501 Research Methods

The course covers basic concepts techniques and applications of research. Topics covered include: History and nature of business research, the research process, data collection and measurement, research sampling, data preparation, analysis and presentation. Developing research and ethical skills through practical studies in business.

MISY536 Information Security

In this course, you will explore information security through some introductory material and gain an appreciation of the scope and context around the subject. This includes a brief introduction to cryptography, security management and network and computer security that allows you to begin the journey into the study of information security and develop your appreciation of some key information security concepts. After completing the course, you will have gained an awareness of key information security principles regarding information, confidentiality, integrity and availability. You will be able to explain some of the key aspects of information risk and security management, in addition, summarize some of the key aspects in computer and network security, including some appreciation of threats, attacks, exploits and vulnerabilities. You will also gain an awareness of some of the skills, knowledge and roles/careers opportunities within the information security industry.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

MISY510 Seminar

The seminar course is given after the completion of the credit courses. It is evaluated as successful or unsuccessful at the end of the semester.

MISY500 Thesis

The thesis must be original and should reveal the research and analysis ability of the student. Also, the practical application issues must be covered in the thesis. The topic of the thesis can be determined between the thesis advisor and the student. The thesis will be defended by the student in front of the jury. The thesis can be evaluated as successful or unsuccessful.

ELECTIVE COURSES

BUSN509 Management and Organization

The course covers the nature of management, management theories and perspectives, organizational environment, social responsibility and ethics. Course discusses the basic management functions. Planning: decision making, organizational goals, strategic management and implementation.

Organizing: organizational structure, organizational design, change and innovation. Leading: management and motivation, leadership in organizations, groups in organizations, management and communication. Controlling: Foundations of management control, quality, productivity and customer satisfaction.

BUSN514 Advanced Human Resource Management

The course focuses on the policies, procedures and practices of HRM, managing the recruitment, selection, training, promotion, remuneration and working conditions of the people employed by the organizations, productivity, motivation, quality of work life and industrial relations.

COMM522 Digital Technology and Innovation

New technologies are creating significant opportunities for entrepreneurs. This course examines the evolution of digital technologies, the underlying technologies that are driving the current digital revolution, and the innovative application of existing technologies, resources, and services. It includes an understanding of the role of innovation and design thinking play in new technology. At the end of this course, students will have gained update information about new trends in technology and how to apply them to organizations.

COMMUNICATION STUDIES (MA WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
COMM507	Communication Techniques Management	3	0	3	COMM502	Communication Theories	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
CMEL01	Elective I	3	0	3	CMEL03	Elective III	3	0	3
CMEL02	Elective II	3	0	3	COMM510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
COMM500	Thesis (Non-credit)	0	2	0
Total				0

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
COMM500	Thesis (Non-credit)	0	2	0
Total				0

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
COMC102	History of Mass Communication	0	0	0	COMC101	Introduction to Communication	0	0	0
NMCM260	Communication Theories	0	0	0	COMM206	Communication Theories II	0	0	0
NMCM368	Intercultural Communication	0	0	0	COMM402	Media Ethics	0	0	0

Course Descriptions

COMM507 Communication Techniques Management

Basic theory and processes of communication skills necessary for the management of an organization's workforce. Examination how techniques impact communication processes in personal and organizational contexts. This course explores theories, concepts, and research associated with computer-mediated communication, mobile devices, social networking and virtual teams. Students will also understand how to manage and know one's own management style, explore the role of leadership in an organization, understand management principles and how they relate to marketing communications, be versed in management trends, comprehend and develop skills for time management, financial and resource management.

CGCR501 Research Methods

This course presents major methodological approaches as well as methods derived from these approaches in communication studies and the course also to be able to formulate sample research projects based on quantitative approaches by differentiating between positivist methodological approaches.

COMM502 Communication Theories

This course probes into key paradigmatic approaches of communication and media studies; evaluate historical and normative accounts of communication traditions, theories, and models.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

COMM510 Seminar

The seminar courses is given after the completion of the credit courses. It is evaluated as successful or unsuccessful at the end of the semester

COMM500 Thesis

The thesis must be original and should reveal the research and analysis ability of the student. Also, the practical application issues must be covered in the thesis. The topic of the thesis can be determined between the thesis advisor and the student. The thesis will be defended by the student in format of the jury. The thesis can be evaluated as successful or unsuccessful.

ELECTIVE COURSES

COMM503 Film Analysis and Criticism

This course will examine the practice of film analysis and criticism (or evaluation) by concentrating on dramatic narrative modes and how they use miseen-scène, camerawork, editing, and sound to achieve their ends. This course combines film viewing with discussion.

COMM505 Alternative Media

This course probes into traditional and newer alternative media/communication practices and the contexts of their implementation. explore the history, perspectives, definitions, and the social agents of alternative media practices; encourage students to probe into alternative media projects, addressing social, cultural, and political aspects of their practice.

COMM522 Digital Technology and Innovation

New technologies are creating significant opportunities for entrepreneurs. This course examines the evolution of digital technologies, the underlying technologies driving the current digital revolution, and the innovative application of existing technologies, resources, and services. It includes an understanding of the role of innovation and design thinking play in new technology. At the end of this course, students will have gained updated information about new technology trends and how to apply them to organizations.

HORTICULTURAL PRODUCTION AND MARKETING (MSc WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
AGRH533	Biotechnology Applications in Horticulture	3	0	3	AGRH504	Plant Growth Regulators in Horticulture	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
AGEL01	Elective I	3	0	3	AGEL03	Elective III	3	0	3
AGEL02	Elective II	3	0	3	AGRH510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
AGRH500	Thesis (Non-credit)	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
AGRH500	Thesis (Non-credit)	0	2	0
Total		0		

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
AGRI207	Soil Science	0	0	0	AGRI252	Vegetable Production II	0	0	0
AGRI255	Basics of Fruit Production	0	0	0	AGRI306	Temperate and Subtropical Fruits	0	0	0
AGRI313	Diseases of Horticultural Plants	0	0	0	AGRI308	Pests of Horticultural Plants	0	0	0

Course Descriptions

AGRH533 Biotechnology Applications in Horticulture

After the definition of biotechnology and general application areas of plant biotechnologies, basic biotechnological methods as plant tissue cultures, molecular markers, recombinant DNA technologies and gene transfer in plants are revised. Application of these techniques and technologies in horticulture, especially use in germplasm storage and cryopreservation, in plant breeding and variety development, in seed and virus free seedling production, in variety registration and seed certification, in disease diagnostic and disease control are discussed.

CGCR501 Research Methods

To establish their understanding of research through critical exploration of research and ethics. The course introduces the language of research, ethical principles and challenges, and the elements of the research process within quantitative, qualitative, and mixed methods approaches. The students will use these to critically review the literature relevant to their field or interests and determine how research findings are useful in forming their understanding of their work and environment.

AGRH503 Plant Growth Regulators in Horticulture

Different natural and synthetic plant growth regulators will be presented. The effects of the plant growth regulators (auxins, gibberellins, abscisic acid cytokines and ethylene) on germination, rooting in cuttings, fruit thinning and the effect on flowering and their use will be discussed.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

AGRH510 Seminar

The seminar course is given after the completion of the credit courses. It is evaluated as successful or unsuccessful at the end of the semester

AGRH500 Thesis

The thesis must be original and should reveal the research and analysis ability of the student. Also, the practical application issues must be covered in the thesis. The topic of the thesis can be determined between the thesis advisor and the student. The thesis will be defended by the student in front of the jury. The thesis can be evaluated as successful or unsuccessful.

ELECTIVE COURSES

AGRH551 Sustainable Soil Management

Soil is a material composed of mineral particles, soil organic matter (including living organisms), water and atmospheric gaseous; and had crucial roles in plant growth and development. Since the development of 1 cm of soil requires about 500 years, the sustainable management of soil is so crucial for ensuring sustainable life on earth.

The topics of this course are divided into two main parts. i) is the description of soil, soil forming process, physical and chemical properties of soil, essential plant nutrients, soil pH and its alteration; and ii) is the sustainable management practices for soil in horticulture (including soil water management, tillage and compaction management, soil organisms and soil ecology, and guidelines for sustainable soil management). Both subjects are very important for the sustainable horticultural production. Moreover, it is highly important for MSc students to

understand the basics of soil science and soil management practices which would support them in their research studies.

Purpose of the course can be summarized as below:

- 1) to introduce those with little or no familiarity to the discipline of Soil Science in a broad survey.
- 2) to improve students' understandings about soil and its importance in plant science.
- 3) to improve students ability and knowledge to be able to correctly manage soil for better growing conditions.

AGRH520 Integrated Pest Management

Agricultural pest control strategies are presented. The topics will include life cycles of pests and their interaction with the environment, action threshold, monitoring and identify pests, prevention and control tactics of pests.

AGRH537 Soilless Culture in Horticulture

The significance of soilless culture in horticulture and advantages of soilless culture vs. cultivation on soil are explained. Classification of soilless cultivation systems is presented. Open and closed-substrate systems are compared. Physical and chemical characteristics of soilless media, technical equipments in soilless production systems, irrigation and nutrition of substrate-grown plants in soilless culture, analytical methods used in soilless cultivation, pathogen detection and management strategies in soilless plant growing systems are discussed. Organic, inorganic and synthetic components of soilless culture and specifics nutrition solution formula suitable for major vegetables as tomato, pepper, eggplant, cucumber and melon, and some ornamental plants are presented.

PSİKOLOJİ (TEZLİ YÜKSEK LİSANS)

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredilik), 1 seminer ve tezden oluşur. Öğrenciler derslerini birinci yılda alabilir ve ikinci yılda tezleriyle seminerlerini alarak programı tamamlayabilirler.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
PSKL511	Gelişim Psikolojisi	3	0	3	PSK508	Psikolojide Etik	3	0	3
GMDR501	Araştırma Yöntemleri	3	0	3	GMDR502	Veri Analizi	3	0	3
PSSD01	Seçmeli I	3	0	3	PSSD03	Seçmeli III	3	0	0
PSSD02	Seçmeli II	3	0	3	PSKL510	Seminer	0	2	0
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
PSKL500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
PSKL500	Yüksek Lisans Tezi (Kredisiz)	0	1	0
Toplam				0

Ders İçerikleri

PSKL511 Gelişim Psikolojisi

İnsan gelişimini ele alan klasik ve çağdaş kuramlar tartışılır. Ders dahilinde, Piaget'in Bilişsel Aşamalar Kuramı ve yeni Piagetçilik, Freud ve Erikson'un psikoanalitik kuramları, Sosyal Öğrenme Kuramı, Bilgi İşleme Kuramı, Etiyoloji ve diğer Evrimsel Kuramlar, Gibson'ın Ekolojik Algısal Kuramı, Vygotsky ve Sosyokültürel Kuramcılar ve Yeni Dönem Kuramcılarının çalışmaları üzerine odaklanılır.

GMDR501 Araştırma Yöntemleri

Araştırma sorusunu ifade etmek; araştırma konusunun nesnelleştirilmesi; karşılaştırma metotları, değişkenleri ve önemlerini belirlemek; hipotez üretmek ve aralarında hiyerarşi kurmak; çıkarımda bulunmanın metodolojik sorunları; araştırma yazmanın metodolojik sorunları, niceliksel analiz metotları; niceliksel analiz aletleri ve kullanımları (bağıntı oranları, ağ belirleme, kamu politikaları niceliksel analiz teorileri); mülakat metotları ve teknikleri; uygulamalı çalışma.

PSKL508 Psikolojide Etik

Profesyonel psikologların rolleri ve işlevleri ile ilgili geniş bir anlayışın sunulması. Psikologların etik kuralları, klinik uygulamada standartlar, hukuki konular ve düzenlemeler, meslek örgütleri, mesleki uygulamaları ve hizmet sunmayı etkileyebilecek diğer unsurlar incelenecektir. Türk Psikologlar Derneği Etik Yönetmeliği ve diğer Uluslararası Etik Yönetmelikler incelenecektir.

GMDR502 Veri Analizi

Bu ders, iş ve akademik alanda kullanılan temel istatistik araçları ve analiz süreçlerini aktararak katılımcıların çalışmalarını verimli bir şekilde yürütebilmesini sağlayacak bilgi alt yapısını oluşturmak, çalışmalarında uygun istatistiksel yöntemleri seçmeyi, toplanan verileri analiz etmede başvurulacak SPSS paket programını kullanarak verileri analiz etmeyi, analiz sonuçlarını tablo ve grafikler oluşturarak yorumlamayı öğretmek, katılımcılara bilimsel araştırma ile temel istatistiksel analizleri yapabilme, değerlendirme ve raporlama bilgi ve becerileri kazandırmayı amaçlamaktadır.

PSKL510 Seminer

Öğrencileri seçilen veya verilen bir konuda literatür araştırması yapabilecek bir şekilde yönlendirmek, literatür araştırması sonucunda detaylı bir rapor hazırlamak ve dinleyici bir topluluğun önünde sunabilmelerini sağlamaktır. Seminer dersi kredi derslerinin tamamlanmasından sonra verilmektedir. Dönem sonunda başarılı veya başarısız olarak değerlendirilir.

PSKL500 Tez

Tez orijinal olmalı ve öğrencinin araştırma ve analiz yeteneğini ortaya koymalıdır. Ayrıca, pratik uygulama konuları tez kapsamında ele alınmalıdır. Tez danışmanı ve öğrenci arasında tez konusu belirlenebilir. Tez öğrenci tarafından jüri önünde savunulmaktadır. Tez başarılı veya başarısız olarak değerlendirilebilir.

SEÇMELİ DERSLER

PSKL507 Psikanalitik Psikopatoloji

Psikanalitik kuramın derinlenmesine incelenmesi ve psikopatolojilerin açıklanması. Psikanalitik psikoterapinin teorik temeli ve psikopatolojilerin psikanalitik kurama göre incelenmesini içermektedir. Histeri, Anksiyete nevrozu, fobiler, düşlerin yorumu gibi temel konular incelenecektir.

PSKL514 Toplumsal Cinsiyet

Bu derste, psikoloji alanını ilgilendiren cinsiyet rolleri üzerine yapılmış olan çalışmalar ve bu konudaki teoriler incelenmektedir. Toplumsal cinsiyet rolleri ve cinsel kimlik gelişimi, toplumsal cinsiyet rolleri

ile zihinsel ve fiziksel sađlık arasındaki ilişkiler, aile yapısı ve ilişkilerini ilgilendiren konular, iş hayatı, cinsellik, duygular ve kişilerarası ilişkiler gibi konular işlenecektir.

PSKL504 Bilişsel Davranışçı Terapiler

Bilişsel davranışçı terapilerin (BDT) tarihçesi, kuramı, uygulaması ve ilgili beceriler incelenmektedir. BDT’de kullanılan görüşme teknikleri bilişsel yapıları işlenmektedir.

PSKL552 Çağdaş Kişilik Kuramları

Kişilik kuramlarının derinlemesine incelenmesi. Bu kuramcılar arasında S. Freud ve takipçileri, öğrenme kuramcıları, mizaç kuramcıları, sosyal-öğrenme kuramcıları ve insancıl yaklaşımıcılarıdır. Günümüzde kişilik araştırmaları, kişilik araştırmalarında kullanılan yeni metodlar da incelenmektedir.

PSKL554 Psikososyal Krizler ve Müdahale

Psikososyal kriz kavramı ve krizin psiko-biyolojik yansımaları, çeşitli kuramlar eşliğinde incelenir. Krizin kültürel boyutu, insanların baş etme farklılıkları ile psikolojik sağtım boyutunda, müdahale aşamasında uygulamalı teknikler üzerinde durulur. Afet, ölümcül hastalık, savaş, işkence, tecavüz ve şiddet gibi travma yaşantıları olan bireylerin sorunlarının tanı ve tedavisine ilişkin bakış açıları gözden geçirilecektir.

DATA SCIENCE (MSc WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
DTSC501	Data Science Applications	3	0	3	DTSC504	Advanced Database Management Systems	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
DSEL01	Elective I	3	0	3	DSEL03	Elective III	3	0	3
DSEL02	Elective II	3	0	3	DTSC510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
DTSC500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
DTSC500	Thesis	0	2	0
Total		0		

Course Descriptions

DTSC501 Data Science Applications

This course explores the practical applications of data science across diverse industries including healthcare, finance, marketing, social sciences, and public policy. Students will engage with real-world datasets, apply machine learning models, and develop data-driven solutions to complex problems. Emphasis is placed on ethical considerations, communication of results, and interdisciplinary collaboration. The course includes hands-on projects, case studies, and guest lectures from industry experts.

CGCR501 Research Methods

To establish understanding of research through critical exploration of research and ethics, this course covers both the practical as well as the theoretical aspects of independent research. The practical aspects refer to the basic craftsmanship of research, i.e. data collection, data analysis, literature review, referencing and quoting, and presenting the findings. The theoretical aspects refer to the basic methodological divides revolving around questions of ontology (objectivism vs. subjectivism) and of epistemology (explaining vs. understanding).

DTSC504 Advanced Database Management Systems

In this course ER model, Enhanced ER Model, Relational Model, Referential Integrity, Procedure, function, trigger, normalization (1NF, 2NF, 3NF), SQL, Authorization, Poly-instantiation, Spatial Databases, XML, DTD, XSLT, XQUERY topics are covered.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

DTSC510 Seminar

The seminar course is given after the completion of the credit courses. It is evaluated as successful or unsuccessful at the end of the semester.

DTSC500 Thesis

The thesis must be original and should reveal the research and analysis ability of the student. Also, the practical application issues must be covered in the thesis. The topic of the thesis can be determined between the thesis advisor and the student. The thesis will be defended by the student in front of the jury. The thesis can be evaluated as successful or unsuccessful.

ELECTIVE COURSES

COMM522 Digital Technology and Innovation

New technologies are creating significant opportunities for entrepreneurs. This course examines the evolution of digital technologies, the underlying technologies that are driving the current digital revolution, and the innovative application of existing technologies, resources, and services. It includes an understanding of the role of innovation and design thinking play in new technology. At the end of this course, students will have gained update information about new trends in technology and how to apply them to organizations.

MISY536 Information Security

In this course, you will explore information security through some introductory material and gain an appreciation of the scope and context around the subject. This includes a brief introduction to cryptography, security management and network and computer security that allows you to begin the

journey into the study of information security and develop your appreciation of some key information security concepts. After completing the course, you will have gained an awareness of key information security principles regarding information, confidentiality, integrity and availability. You will be able to explain some of the key aspects of information risk and security management, in addition, summarize some of the key aspects in computer and network security, including some appreciation of threats, attacks, exploits and vulnerabilities. You will also gain an awareness of some of the skills, knowledge and roles/careers opportunities within the information security industry.

COMP503 Computer Communication and Networks

Continuous wave modulation. Spectra of modulated signals, pulse modulation schemes, PAM, PDM, PPM and PCM techniques, ratio of signal to noise, differential PCM delta modulation, adaptive delta modulation, FSK and PSK modulation and demodulation, spectra of FSK and PSK signals. TDM and FDM, modems, computer network protocols, circuit switching, message switching, packet switching, ISO-OSI reference model, TCP/IP, LAN, WAN. Interconnection topology and performance, distributed systems and applications comparison, benefit of distributed systems to users.

EEEN555 Simulations and Modelling

The objective of the course is that the student acquire a deeper understanding of simulation and modeling as tools for evaluating such as telecommunication and communication protocols and networks, understanding of different simulation and modeling methods and their limitations, and some practical experience using tools such as Matlab, C++ , etc. to build simulation models and evaluate results.

COMP529 Machine Learning

The main purpose of this course is to introduce the algorithms and techniques in machine learning. The subjects include linear algebra, probability theory, bayes decision theory, discriminant functions and dimensionality reduction. The emphasis is placed on developing application programs using real-world datasets. Students construct classifiers such as LDC, NMC, k-NN, PNN, Neural Networks and Perceptron. This course also introduces state-of-the-art classifiers such as SVM.

PSYCHOLOGY (MA WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
PSYC501	Developmental Psychology	3	0	3	PSYC502	Ethics in Psychology	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
PSEL01	Elective I	3	0	3	PSEL03	Elective III	3	0	3
PSEL02	Elective II	3	0	3	PSYC510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
PSYC500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
PSYSC500	Thesis	0	2	0
Total		0		

Course Descriptions

PSYC501 Developmental Psychology

In this course, classical and modern theories of human development will be discussed. This course focuses on Piaget's Cognitive Development Theory, New-Piagetians, Freud and Erikson's Psychoanalytic Theory, Social Learning Theory, Information Processing Theory, Ethological, and Evolutionary Theories, Gibson's Ecological Theory of Perception, Vygotsky's Sociocultural Theory and Modern theories of development.

CGCR501 Research Methods

To establish understanding of research through critical exploration of research and ethics, this course covers both the practical as well as the theoretical aspects of independent research. The practical aspects refer to the basic craftsmanship of research, i.e. data collection, data analysis, literature review, referencing and quoting, and presenting the findings. The theoretical aspects refer to the basic methodological divides revolving around questions of ontology (objectivism vs. subjectivism) and of epistemology (explaining vs. understanding).

PSYC502 Ethics in Psychology

This course aims to provide a broad understanding of the roles and functions of professional psychologists. Ethical codes of psychologists, standards in clinical practice, legal issues and regulations, professional organizations and other factors that may affect clinical practice will be examined. Ethical Regulation of Turkish Psychological Association and other international ethical regulations will be discussed.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

PSYC510 Seminar

The seminar course is given after the completion of the credit courses. It is evaluated as successful or unsuccessful at the end of the semester.

PSYC500 Thesis

The thesis must be original and should reveal the research and analysis ability of the student. Also, the practical application issues must be covered in the thesis. The topic of the thesis can be determined between the thesis advisor and the student. The thesis will be defended by the student in front of the jury. The thesis can be evaluated as successful or unsuccessful.

ELECTIVE COURSES

PSYC503 Psychoanalytic Psychopathology

Techniques used in psychoanalytic psychotherapies will be explained, as well as theoretical information about psychoanalytic psychopathologies, especially psychoanalysis. It is aimed to develop practice skills with case studies.

PSYC505 Gender Studies

In this course, studies on gender roles that are relevant to the field of psychology and theories on this subject will be examined. Topics such as gender roles and gender identity, sexuality, the relationships between gender and physical/psychological health, family relationships, work life, emotions and interpersonal relationships will be covered.

PSYC504 Cognitive Behavioral Therapies

In this course, in detail comprehension of cognitive and behavioral theory and applications will be targeted. Improvement of knowledge and skills regarding topics as cognitive behavioral interviewing, assessment, formulation, treatment and various cognitive behavioral therapy techniques via role playing is aimed.

NUTRITION AND DIETETICS (MSc WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
NDTE505	Human Nutrition and Metabolism	3	0	3	NDTE506	Micronutrients in Human Nutrition	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
NDEL01	Elective I	3	0	3	NDEL03	Elective III	3	0	3
NDEL02	Elective II	3	0	3	NDTE510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
NDTE500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
NDTE500	Thesis	0	2	0
Total		0		

Course Descriptions

NDTE505 Human Nutrition and Metabolism

Examination of the fundamental biochemical and physiological processes in human nutrition, along with the digestion, absorption, transport, and metabolic mechanisms of macro and micronutrients, and their roles in healthy individuals.

CGCR501 Research Methods

This course is designed to consolidate and extend existing graduate knowledge concerning methodology and statistics. The course provides exposure to a range of conceptual, methodological and statistical skills that are likely to be encountered during the completion of theses as well as in future research and professional work. Students are instructed in the threats to validity and reliability in methodological designs, given exposure to advanced analytical techniques such as bootstrapping, planned contrasts, mediation and moderation in regression, hierarchical modelling and logistic regression. There is also an advanced section on tests for proportion and count data. One third of the course is directed towards qualitative methods including a review of the methods used in thematic and discourse analysis.

NDTE506 Micronutrients in Human Nutrition

Investigation of the absorption, transport, biochemical functions, and metabolic regulation of micronutrients, as well as the effects of their deficiency or excess on health.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

NDTE510 Seminar (non-credit)

Seminar in the related area of interest after the completion of courses. Seminar is graded on success or fail basis.

NDTE500 Thesis (non-credit)

The thesis must be original and reveal the student's ability in investigation and analysis and have a practical application in the world of their profession. The thesis should be on a subject decided upon both by advisor and student. The thesis should be submitted after successful completion of required courses and defended by the candidate in front of jury. The thesis is graded on success or fail basis.

ELECTIVE COURSES

NDTE503 Sports Nutrition

Nutrients and their effects on performance, energy systems required for exercise, fluid intake, body composition, energy balance and body weight control, the relationship between exercise and health, problems related to inadequate and unbalanced nutrition and nutritional supplements, organization of athletes' diets before, during and after competitions according to sports teams and case studies.

NDTE504 Food Safety and Hygiene

Hazards and risks in food safety, microbiological hazards, chemical hazards, physical hazards, contamination sources and controls, critical control points, mandatory legal regulations in food safety, and globally accepted food safety systems for food safety from production to table (HACCP, ISO 22000, IFS, GLOBALG.A.P., BRC, GAP, organic products, etc.).

NDTE521 Nutrition in Metabolism Diseases

Classification of inherited metabolism diseases, diagnostic methods, incidence, complications, interpretation of clinical and laboratory findings, medical treatment methods for metabolism diseases, nutritional therapy methods, and discussion of different applications and approaches in nutritional therapy methods. Case studies in inherited metabolism diseases.

HLMN505 Public Health

This course covers a range of topics, issues, and frameworks to help students understand current public health issues and public health services, systems, policies, and practices. Primary Health Care and Health promotion are included in this course as particular chapters. Environmental emergencies and social diseases are also included in this course.

PHYSIOTHERAPY AND REHABILITATION (MSc WITH THESIS)

(Education Language: English)

The program consists of 7 courses (21 credits); one seminar (non-credit) and a thesis (non-credit). One year is required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is two years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
PTRH515	Physiotherapy in Neurological Diseases	3	0	3	PTRH512	Physiotherapy in Musculoskeletal Diseases	3	0	3
CGCR501	Research Methods	3	0	3	CGCR502	Data Analysis	3	0	3
PTEL01	Elective I	3	0	3	PTEL03	Elective III	3	0	3
PTEL02	Elective II	3	0	3	PTRH510	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

COURSE CODE	COURSE NAME	T	P	C
PTRH500	Thesis	0	2	0
Total		0		

4th SEMESTER

COURSE CODE	COURSE NAME	T	P	C
PTRH500	Thesis	0	2	0
Total		0		

Course Descriptions

PTRH515 Physiotherapy in Neurological Diseases

Cerebrovascular accident, definition, anatomy, pathogenesis, risk factors, cerebral region localization of arterial circulation and clinical findings in lesions, neurological recovery mechanisms and stages in cerebrovascular accidents, treatment of cerebrovascular accidents, acute phase treatment, cerebrovascular accident rehabilitation, classical methods, neurophysiological treatment approaches, Brunnstrom method, Bobath method, Rood method, proprioceptive neuromuscular fascitization, Margaret Johnstone method, Todd-Davies method, Kabat, Knott, and Voss methods, constraint-induced movement therapy, biofeedback method, electrical stimulation, and functional electrical stimulation.

CGCR501 Research Methods

This course is designed to consolidate and extend existing graduate knowledge concerning methodology and statistics. The course provides exposure to a range of conceptual, methodological and statistical skills that are likely to be encountered during the completion of theses as well as in future research and professional work. Students are instructed in the threats to validity and reliability in methodological designs, given exposure to advanced analytical techniques such as bootstrapping, planned contrasts, mediation and moderation in regression, hierarchical modelling and logistic regression. There is also an advanced section on tests for proportion and count data. One third of the course is directed towards qualitative methods including a review of the methods used in thematic and discourse analysis.

PTRH512 Physiotherapy in Musculoskeletal Diseases

This course aims to provide knowledge about the scientific basis of manual therapy techniques, related mechanisms, contraindications, indications, and current manual physiotherapy techniques. It covers musculoskeletal manual physiotherapy concepts (scientific basis, biomechanical, reflective, neurophysiological, and psychological changes), myofascial stretching, trigger points and myofascial therapy, soft tissue mobilization, therapeutic massage, PNF, deep friction massage, the Mulligan concept, the Mc Kenzie method, the Cyriax, and the Kaltenborn-Evjenth concept, as well as orthopedic manual therapy methods and exercise programs.

CGCR502 Data Analysis

This course covers a description of the research process in general and each of the steps involved in more detail. The course focuses on alternative ways of carrying out each step and guidelines for selecting among these alternatives according to the needs of a specific research problem. The course also describes using software packages like SPSS and interpretation of the results of data analysis.

PTRH510 Seminar (non-credit)

Seminar in the related area of interest after the completion of courses. Seminar is graded on success or fail basis.

PTRH500 Thesis (non-credit)

The thesis must be original and reveal the student's ability in investigation and analysis and have a practical application in the world of their profession. The thesis should be on a subject decided upon both by advisor and student. The thesis should be submitted after successful completion of required courses and defended by the candidate in front of jury. The thesis is graded on success or fail basis.

ELECTIVE COURSES

PTRH503 Physiotherapy in Pediatric Diseases

Normal development in infants and children, Cerebral palsy, physiotherapy and rehabilitation, literature research, muscle diseases, physiotherapy and rehabilitation, literature research, muscle diseases,

physiotherapy and rehabilitation, literature research, congenital muscular torticollis, physiotherapy and rehabilitation, literature research, spina bifida, physiotherapy and rehabilitation, literature research, obstetric brachial plexus, physiotherapy and rehabilitation, physiotherapy and rehabilitation in pediatric rheumatology (evidence-based practices), intellectual developmental delay, pervasive developmental disorders and autism, physiotherapy and rehabilitation (evidence-based practices), pediatric respiratory system (anatomy and physiology), pediatric lung diseases, physiotherapy assessment methods in pediatric lung diseases, physiotherapy and rehabilitation in pediatric lung diseases (evidence-based practices), pediatric cardiovascular system (anatomy and physiology) Pediatric cardiovascular diseases Evaluation, physiotherapy and rehabilitation in pediatric cardiovascular diseases (evidence-based practices)

PTRH517 Evidence-Based Exercise Therapy

General principles of exercise therapy, range of motion exercises and their evidence-based application, muscle strengthening and endurance exercises and their evidence-based application, stretching exercises and their evidence-based application, relaxation exercises and their evidence-based application, proprioception exercises and their evidence-based application, cardiorespiratory endurance exercises and their evidence-based application, aquatic exercises and their evidence-based application, open-closed kinetic ring exercises and their evidence-based application, isokinetic and plyometric exercises and their evidence-based application, neuromuscular stabilization exercises and their evidence-based application, and current approaches to exercise practice.

PTRH506 Sports Injuries and Physiotherapy

To ensure an understanding of the symptoms and signs of sports injuries, identify injury mechanisms that may occur in different sports, define assessment methods based on sport and body part, define the principles of sports injury prevention and protection, understand the factors that affect injuries and establish their relationship with prevention principles and reflect them in their work, define and analyze the appropriate rehabilitation program after sports injuries, and use clinical problem-solving skills.

HLMN513 Healthcare Policies

This course will provide students a broad overview of the current national and international healthcare policies. The course will examine potential reforms, including those offered by liberals and conservatives and information that can be extracted from health care systems in other developed countries. The course will also explore key facets of improving access to care and health insurance exchanges, improving quality and constraining costs through health care delivery system reforms, realigning capacity through changes in the health care workforce and in medical education, the potential impact on biomedical and other innovations, and the impact on economic outcomes such as employment, wage growth, and federal budget deficits. Throughout the course, the key lessons will integrate the disciplines of health economics, health and social policy, law and political science to elucidate key principles.

PHD PROGRAMS

BUSINESS ADMINISTRATION

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
BUSN629	Management in Theory and Practice	3	0	3	BUSN614	Advanced Strategic Management Research	3	0	3
COMN661	Quantitative Methods	3	0	3	BUSN642	Economic Analysis for Managers	3	0	3
BPEL01	Elective I	3	0	3	BPEL03	Elective III	3	0	3
BPEL02	Elective II	3	0	3	BUSN610	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
BUSN620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
BUSN600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TİK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
BUSN600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
BUSN600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
BUSN600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
BUSN600	Thesis (Non-credit)	0	2	0
Total		0		

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
BUSN509	Management & Organization	0	0	0	BUSN512	Financial Management	0	0	0
CGCR501	Research Methods	0	0	0	CGCR502	Data Analysis	0	0	0
COMN107	Economics	0	0	0	BUSN210	Financial Management	0	0	0

Course Descriptions

BUSN629 Management in Theory and Practice

This course will serve as an introduction to Management Theory, Science and Practice. We shall attempt to organize and present, in a practical way, the fundamental knowledge underlying the art and science of management. What is said in this course is intended to apply to managers at every level in every kind of organization or enterprise. We shall study management by examining the basic functions of a manager - planning, organizing, controlling, and leading - from a formal or technical point of view but using practical examples.

COMN661 Quantitative Methods

This course is designed to provide students with an understanding of key statistical methods used by businesses. After reviewing basic statistical techniques, emphasis is placed on regression analysis, its underlying assumptions and problems associated with violations of these assumptions. The course also explores alternative forms of multivariate analysis and introduces students to spatial regression models and structural equation models.

BUSN614 Advanced Strategic Management Research

This course examines the design and operation of international management accounting control systems. Students will be introduced to various typologies of management control and consider the possibilities of management accounting work in relation to these. Such understandings of the interrelationship between management control and management accounting work will be related to a number of contextual considerations as well.

BUSN642 Economic Analysis for Managers

The course focuses on applying economic modelling and analytical techniques for the contemporary economic questions. PhD students will have learned how advanced economic research is employing economic theory and analytical tools to standard macroeconomic problems. Fields of application may include the role of income, wealth and uncertainty to consumption and savings decisions; the determinants of investment, growth and unemployment.

BUSN610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in business administration.

BUSN600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of business administration.

ELECTIVE COURSES

BUSN636 Managerial Finance

Along with marketing and finance, the operations function plays a vital role in achieving a company's strategic plans. Since the operations function produces the goods and provides the services, it typically involves the greatest portion of the company's employees and is responsible for a large portion of the firm's capital assets. This course addresses issues and methods of production/operations management. It focuses on the problems that frequently confront production/operations managers. After completing this course, the students should appreciate the role of operations managers in achieving a company's business goals. Topics discussed in this course include product strategy, process strategy and capacity planning, location and layout strategies, supply-chain management, material requirement planning, aggregate planning and scheduling.

BUSN623 Theories of Organization

Organizations are all around us in society: we study in them, work for them, depend on them for goods and services, and we are often regulated or highly influenced by them. Therefore, we should aim to better understand them. Understanding organizations is essential to becoming more effective analysts, managers and leaders. Thus, this course focuses on basic theories like Contingency Theory, Resource Dependency Theory, Institutional Theory and Transaction Cost Theory.

BUSN635 Researching International Organizations

This course will offer a comprehensive examination of international organizations 'political and structural role in world politics and explore the roles and impacts of international organizations at regional and global levels. We will critically examine the complexity and changing nature of the interrelationships between political and legal aspects of international organizations and shed light on the methodological challenges that come with the complexity of international organizations, addressing and simultaneously bridging differing perspectives between interpretation and explanation. Through presentations and guided research, this course will encourage PhD candidates to improve their own skills and capacities for engaging constructively in critical issue areas of international organizations research.

INTERNATIONAL RELATIONS

(Education Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
INTR601	Advanced Theories and Practices of International Relations	3	0	3	BUSN614	Advanced Strategic Management Research	3	0	3
INTR603	Foreign Policy Analysis	3	0	3	INTR602	History, Politics and International Relations	3	0	3
IREL01	Elective I	3	0	3	IREL03	Elective III	3	0	3
IREL02	Elective II	3	0	3	INTR610	Seminar	0	2	0
Total: 21 credits									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
INTR620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
INTR600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TİK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
INTR600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
INTR600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
INTR600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
INTR600	Thesis (Non-credit)	0	2	0
Total		0		

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
INTR501	Theories of International Relations	0	0	0	INTR502	Political Theory and Analysis	0	0	0
CGCR501	Research Methods	0	0	0	CGCR502	Data Analysis	0	0	0
INTR504	Crisis Management & Conflict Resolution	0	0	0	INTR505	Power Politics	0	0	0

Course Descriptions

INTR601 Advanced Theories and Practices of International Relations

The objective of this course is to provide the necessary conceptual and methodological tools to analyze the current issues as well as the international system. The Three main theoretical approaches Liberal, Conservative and Revolutionary also the alternatives such as critical international theory, constructivism, post-modernism, post-colonial discourse and normative theories are the main approaches under consideration. In this respect, the course is aimed to examine these theories and how they approach to the concepts of Power, Change, Order, institutions and international system.

INTR603 Foreign Policy Analysis

The course aims to analyse how states formulate and implement their foreign policies in a theoretical and process-oriented way by focusing on the policy inputs and decision-making processes. It will follow a levels-of-analysis framework to organize the theoretical literature on foreign policy. Within the general framework of the foreign policy analysis, the course also compares and contrasts foreign policy decision-making process of different countries.

BUSN614 Advanced Strategic Management Research

This course examines the design and operation of international management accounting control systems. Students will be introduced to various typologies of management control and consider the possibilities of management accounting work in relation to these. Such understandings of the interrelationship between management control and management accounting work will be related to a number of contextual considerations as well.

INTR602 History, Politics and International Relations

The purpose of this graduate seminar is to give students a general understanding of philosophy of history and to explore its possible implications for political theory and the study of international relations. The idea of history and its relations with human knowledge i.e. the problem of theory and history is the first issue to be dealt with. Then, the relations between history, political theory and the study of international relations are to be analyzed and the basic problems and issues are to be considered.

INTR610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in international relations.

INTR600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of international relations.

ELECTIVE COURSES

INTR604 Peace Studies

Peace Studies is a field of social science focused on the multilevel study of violence and conflict in a complex and increasingly inter-dependent world. The purpose of this course is to provide students necessary subject-specific knowledge and understanding of: The theories and concepts of peace and conflict and their application to global, regional and local contexts. The emergence, nature and significance of peace studies as a distinct field of academic enquiry The main concepts in the field and their application to contemporary issues.

INTR607 Global Governance

The objective of this course is to examine the role of international organizations in a globalizing world. In this context, it focuses on the roles of states and non-state actors in global governance and attempts

to analyze various examples of international organizations from historical, conceptual and theoretical perspectives.

INTR635 Researching International Organizations

This course will offer a comprehensive examination of international organizations 'political and structural role in world politics and explore the roles and impacts of international organizations at regional and global levels. We will critically examine the complexity and changing nature of the interrelationships between political and legal aspects of international organizations and shed light on the methodological challenges that come with the complexity of international organizations, addressing and simultaneously bridging differing perspectives between interpretation and explanation. Through presentations and guided research, this course will encourage PhD candidates to improve their own skills and capacities for engaging constructively in critical issue areas of international organizations research.

SİYASET BİLİMİ VE KAMU YÖNETİMİ

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredi), seminer (kredisiz), doktora yeterlik sınavı, doktora tez önerisi, tez çalışması ve hazırlanan tezin jüri önünde savunulmasından oluşmaktadır. Derslerin ve seminerin tamamlanması için iki yıl, tez çalışması için iki yıl olmak üzere programın normal süresi dört yıldır.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
SBK603	Türk Siyasi Tarihi	3	0	3	SBK623	Örgüt Kuramı	3	0	3
SBK601	Çağdaş Siyaset Bilimi Kuramları	3	0	3	SBK605	Devlet ve Toplum Kuramları	3	0	3
SBK602	Küreselleşen Dünyada Kamu Yönetimi Kuramları	3	0	3	SBK629	Yönetim Teori ve Pratiği			
SBK620 Çağdaş Siyasal İdeolojiler (3-0)3 (ortak ders)									
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
SBK690	Seminer (Kredisiz)	0	0	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
SBK650	Doktora Yeterlik (Kredisiz)	0	0	0
Toplam				0

V, VI, VII ve VIII. YARIYILLAR

SBK600	Tez (Kredisiz)	0	0	0
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FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
SBKY501	Kamu Yönetimi: Kuram ve Uygulama	0	0	0	SBKY504	Politika Teorisi ve Analizi	0	0	0
GMDR501	Araştırma Yöntemleri	0	0	0	GMDR501	Araştırma Yöntemleri	0	0	0
EYD504	Örgütsel Davranış	0	0	0	SBKY516	Kamu Yönetimi ve Etik	0	0	0

Ders İçerikleri

SBK603 Türk Siyasi Tarihi

Bu ders, Cumhuriyet dönemi Türkiye siyasi tarihini ele almaktadır. Bu dönemin tartışılmasında kronolojik bir hat izlenecek ve 1930'ların son dönemlerinden başlanacaktır. Sırasıyla, tek parti döneminin özelliklerine, demokrasiye geçişe değinilecek ve 12 Eylül 1980 askeri darbesine kadar gelinilecektir. Temel amaç, bu dönemi şekillendiren toplumsal dinamikleri ortaya çıkarmaktır. Bu toplumsal dinamiklerin zaman içinde nasıl değiştiği ya da ne derece sabit kaldığı araştırılacaktır. Değinilecek olan temalar şunlardır: Demokratikleşme, siyasi parti sistemleri, devlet-toplum ilişkileri, askerin siyasi rolü, siyasi liderlik ve ideolojiler.

SBK601 Çağdaş Siyaset Bilimi Kuramları

Çağdaş siyaset kuramları tartışması içerisinde, klasik kuramların temel ilkeleri ve görüşleri ile eleştirel kuram gibi çağdaş yaklaşımların düşünceleri karşılaştırılmaya ve zaman zaman ortaklaştırılmaya çalışılacaktır. Bu bağlamda Althusser, Balibar, Badiou ve Agamben gibi çağdaş siyaset kuramının temsilcilerinin düşünceleri tanıtılacaktır. Her bir kuramcının geliştirdiği siyasi kavramlar açıklanacaktır. Ancak bu kuramcıların düşünce ve kavramları yalıtık olarak değerlendirilmeyecektir. Dersin amacı çağdaş düşünceleri, Arsitoteles ve Machiavelli gibi klasik siyaset kuramının temsilcilerinin kavramlarıyla ilişkilendirmektir.

SBK602 Küreselleşen Dünyada Kamu Yönetimi Kuramları

Dersin içeriğini ilk olarak kamu yönetimi kavramının tanımları oluşturmaktadır. Kamu yönetimi terminolojisi ve temel kavramları, kamu yönetimi faaliyetinin ilkeleri ve Yunan kent düzeninden günümüze devlet yapısının ve kamu sektörünün gelişimi araştırılacak; kamu hizmetinin amaçları, araçları ve özellikleri ile demokratik toplumlarda kamu yönetiminin rolü tartışmaya açılacaktır. Dersin ikinci parçasını ise kamu politikaları oluşturmaktadır. Siyaset biliminde kamu politikalarının tanımlanması, çağdaş kamu politikaları teorileri, küreselleşen dünyada kamu alanı kavramının özellikleri, sosyal medya ve dijitalleşmenin yarattığı yeni kamusal alanın özellikleri, küresel vatandaşlık kavramı, neo-liberal devletin kamusal faaliyetleri ve bu alanda yaşanan ideolojik ve pratik dönüşümler incelenecektir.

SBK623 Örgüt Kuramı

Ders, modern bürokrasinin oluşma süreci ve bu aşamada ortaya çıkan kuramların açıklanması ile başlamaktadır. Ardından, modern bürokrasilerin işleyişi, organizasyon-çevre ilişkilerine değinilecektir. Ardından, organizasyonlar mikro düzeyde incelenecektir. Organizasyonlarda davranış ve yapılanma, organizasyon kültürü, organizasyon modelleri, kurumlar sosyolojisi ve yasal düzenlemelerin ötesinde kurumların işleyişi, organizasyonlarda çatışma ve güç kavramları, organizasyonlarda güdülenme ve liderlik kuramları, aktörlerin kurumsal düzen içinde özerkliği ve yeni örgüt modelleri temel başlıkları oluşturmaktadır.

SBK605 Devlet ve Toplum Kuramları

Dersin amacı öğrencilere, gelişmiş kapitalist devletlerdeki devlet-toplum ve devlet-iktisat ilişkisine dair modelleri tanıtmaktır. Ders, tarihsel bir bakış açısına sahiptir. Başlangıç noktası, yaklaşık olarak 15.yy'ın ortalarına denk gelen erken modern dönemdir. Ders, bu dönemde ortaya çıkan piyasa odaklı kapitalist toplumların incelenmesi ile başlayacaktır. Bu toplumun devlet kurumunda neden olduğu dönüşüm analiz edilecektir. Bu bağlamda ele alınacak devletler İngiltere, Fransa ve Almanya'dır. Bir sonraki dönemde, kapitalizmin gelişmesinin Güney Avrupa devletlerinde bilhassa devlet-toplum ilişkisinde yarattığı değişim incelenecektir. Ders, sanayi ilişkilerinin temel kurumsal yapılarını ve sanayinin gelişiminin devletle bağlantısını tartışacaktır.

SBK629 Yönetim Teori ve Pratiği

İşletme ve Yönetimin Temel Kavramları, Amaçları ve Çevre ile İlişkileri: Temel kavramlar, İşletmenin amaçları, Ekonomik yapı içindeki yeri, Yönetici ve girişimci arasındaki fark; İşletmelerin Sınıflandırılması: Büyüklük, Mülkiyet, Hukuki yapı vb. açısından sınıflandırma; İşletmelerin Kuruluş Çalışmaları, Büyüklüğü ve Kapasitesi: Kuruluş aşamaları, Yer seçimi, Büyüklüğünün belirlenmesi,

Kapasite; İşletme Fonksiyonları: Yönetim, Organizasyon, Kontrol, Planlama; Organizasyonun İşleyişi: Liderlik ve yönetim, Stratejik yönetim, Değişim, Gruplar, Motivasyon

SBK620 Çağdaş Siyasal İdeolojiler

Çağdaş Siyasal İdeolojiler Dersi, aydınlanma çağı sonrası dönemde önem kazanan siyasal ideolojiler ve bunların ekseninde 20. Yüzyılda önem kazanan akımları konu almaktadır. Bu kapsamda ele alınan siyasal ideolojiler arasında liberalizm, muhafazakârlık, milliyetçilik, Marksizm, anarşizm, sosyal demokrasi, feminizm, faşizm ve korporatizm bulunmaktadır. Tarihsel bağlam içinde öncelikle ana akımlar ele alınmakta, 20. Yüzyıl siyasal düşüncesi bu kapsamda incelenmektedir. 21. Yüzyılda küresel düzeyde yükselen siyasal ve ekonomik anlayışlar bu bağlamda değerlendirilmektedir.

COMPUTER ENGINEERING

(Education Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
EE620	Information Theory	3	0	3	EE604	Adaptive Signal Processing	3	0	3
EE635	Selected Topics in Pattern Recognition	3	0	3	COMP602	Evolutionary Algorithms	3	0	3
COMP601	Advances in Computer Networks and Communication	3	0	3	COMP626	Selected Topics in Artificial Neural Networks	3	0	3
<i>EE640/COMP640 Selected Topics in Artificial Intelligence (3-0)3 (common course)</i>									
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
COMP690	Seminar (Non-credit)	0	0	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
COMP650	Doctoral Qualification Examination (Non-credit)	0	0	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
COMP630	Thesis (Non-credit)	0	0	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
COMP630	Thesis (Non-credit)	0	0	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
COMP630	Thesis (Non-credit)	0	0	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
COMP630	Thesis (Non-credit)	0	0	0
Total		0		

Course Descriptions

EE620 Information Theory

This course introduces Information Theory, historical background, applications, definition of information, information sources, memoryless and Markov sources, review of information measures, self information, entropy, relative information, and mutual information, Jensens inequality and entropy rate, source encoding, classes of codes, average length, Krafts inequality, review of Huffman and Arithmetic codes, channel capacity, capacity of discrete memoryless channels, examples of channel capacity, symmetric channels, jointly typical sequences, channel coding theorem, and zero error coding, capacity of Gaussian channel, Gaussian channel, converse to the coding theorem, band limited channels, and parallel channels, source coding, optimal quantization: rate distortion theorem, calculation of rate distortion function, converse to rate distortion theorem, scalar and vector quantization, and introduction to audio and video coding standards and characteristics.

EE635 Selected Topics in Pattern Recognition

The main purpose of this course is to introduce the algorithms and techniques in machine learning. The subjects include linear algebra, probability theory, Bayes decision theory, discriminant functions and dimensionality reduction. The emphasis is placed on developing application programs using real-world datasets. Students construct classifiers such as LDC, NMC, k-NN, PNN, Neural Networks and Perceptron. This course also introduces state-of-the-art classifiers such as SVM. Foundations of deep learning and convolutional neural networks are discussed as well. With the help of the instructor, students define their own areas of interest and they are assigned assignments for the course.

COMP601 Advances in Computer Networks and Communication

This course includes networking fundamentals, networking protocols, application layer, the transport layer (TCP/UDP), the network layer, the link layer, multimedia, security, and cloud computation over the Internet. In addition to focusing on fundamental concepts, principles and techniques, network programming using the socket API; network traffic/protocol analysis, assessment of alternative networked systems and architectures are investigated as well. Moreover, peer-to-peer networks, the client-server model, network operating systems, and an introduction to wide-area networks are studied. Additionally, wireless and mobile networking, security in computer networks, multimedia networking, and network management are discussed.

EE604 Adaptive Signal Processing

This course will deal with the theory and applications of advanced signal processing algorithms for extracting information from noisy signals. The focus will be on model based estimation methods for linear, time-varying systems, with application to, for example, communications, sensor array processing and biomedical engineering. Optimal linear filters and adaptive filters: Wiener filters, least squares linear prediction (LP), Levinson-Durbin algorithm, steepest descent adaptive filters, least-mean squares (RLS) algorithm and its convergence, recursive least squares algorithm; Application of adaptive filters: noise cancellation (multiuser CDMA detection), echo cancellation (acoustics, speech processing), channel equalization in communications; Analysis of adaptive filters: learning curve, convergence, stability, mean square error and misadjustment; Adaptive sensor arrays: beamforming, adaptive beam forming and the MVDR. Adaptive multirate signal processing: subband coding and its application to data compression. Model-Based spectrum estimation: minimum variance and eigenstructure methods.

COMP602 Evolutionary Algorithms

Genetic algorithms, genetic programming, evolutionary strategies. Principles of genetic algorithms, comparisons with similar approaches. Mathematical foundations: schema theorem, building block hypothesis, encoding, fitness functions, fitness scaling. Genetic operators: crossing-over, mutation,

reproduction, selection techniques. Advanced operators, parallel genetic algorithms. Island models. Application of statistical methods used in population genetics. Major application areas.

COMP626 Selected Topics in Artificial Neural Networks

This course introduces the basic concept of neural networks. The neural net algorithms will be discussed. It emphasizes mathematical analysis of neural networks, methods for training networks, and application of networks to practical problems. Basic neuron models, McCulloch-Pitts model, Hebbian learning, linear models, perceptrons, limitations of linear nets and activation functions are covered. Basic neural network models such as multilayer perceptron, distance or similarity based neural networks, probabilistic neural nets, associative memory and self-organizing feature maps, learning vector quantization are considered as well. With the help of the instructor, students define their own areas of interest and they do small projects for the course.

COMP640 Special Topics in Artificial Intelligence

This course introduces the foundations, scope, problems, and approaches of AI. Intelligent agents and artificial intelligence programming techniques are discussed. Problem-solving through Search: forward and backward, state-space, blind, heuristic, problem-reduction, A, A star, AND-OR graph algorithm, minimax, constraint propagation, neural, stochastic, and evolutionary search algorithms, sample applications are covered. Moreover, ontologies, foundations of knowledge representation and reasoning, representing and reasoning about objects, relations, events, actions, time, and space; predicate logic, situation calculus, description logics, reasoning with defaults, reasoning about knowledge, sample applications are studied. With the help of the instructor, students define their own areas of interest and they are assigned a final project for the course.

COMP630 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of engineering.

COMP690 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in engineering.

ELECTRICAL AND ELECTRONICS ENGINEERING

(Education Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
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<i>EE640/COMP640 Selected Topics in Artificial Intelligence (3-0)3 (common course)</i>									
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
EE690	Seminar (Non-credit)	0	0	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
EE650	Doctoral Qualification Examination (Non-credit)	0	0	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
EE600	Thesis (Non-credit)	0	0	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
EE600	Thesis (Non-credit)	0	0	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
EE600 600	Thesis (Non-credit)	0	0	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
EE600	Thesis (Non-credit)	0	0	0
Total		0		

Course Descriptions

EE620 Information Theory

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EE640 Special Topics in Artificial Intelligence

This course introduces the foundations, scope, problems, and approaches of AI. Intelligent agents and artificial intelligence programming techniques are discussed. Problem-solving through Search: forward and backward, state-space, blind, heuristic, problem-reduction, A, A star, AND-OR graph algorithm, minimax, constraint propagation, neural, stochastic, and evolutionary search algorithms, sample applications are covered. Moreover, ontologies, foundations of knowledge representation and reasoning, representing and reasoning about objects, relations, events, actions, time, and space; predicate logic, situation calculus, description logics, reasoning with defaults, reasoning about knowledge, sample applications are studied. With the help of the instructor, students define their own areas of interest and they are assigned a final project for the course.

EE600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of engineering.

EE690 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in engineering.

CIVIL ENGINEERING

(Education Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
CVEN631	Fiber Reinforced Concrete Applications	3	0	3	CVEN662	Construction Risk Management	3	0	3
CVEN633	Durability of Building Materials	3	0	3	CE648	Reinforced Soil Structures	3	0	3
CVEL01	Elective I	3	0	3	CVEL03	Elective III	3	0	3
CVEL02	Elective II	3	0	3	CVEN610	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
CVEN620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
CVEN600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TİK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
CVEN600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
CVEN600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
CVEN600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
CVEN600	Thesis (Non-credit)	0	2	0
Total		0		

Course Descriptions

CVEN631 Fiber Reinforced Concrete Applications

Fundamental principles of Fiber Reinforced Concrete (FRC) and history of FRC, a description of fiber types, manufacturing methods, mix proportioning and mixing methods, installation practices, physical properties, durability, design considerations, applications, and research needs.

CVEN633 Durability of Building Materials

Factors causing deterioration of materials. Durability of building stones. Decay and preservation of timber. Mechanisms of metal corrosion. Corrosion protection for metals. Deterioration of concrete. Mechanisms of concrete corrosion. Effect of various chemicals, sea water, ground water and industrial wastes. Protective measures against concrete corrosion. Corrosion of steel reinforcement in concrete.

CVEN662 Construction Risk Management

Risk analysis and management, quantitative techniques for project risk analysis, application of risk management, information technology for risk management, risk in estimating, management financial risk in major construction projects, contract strategy, dealing with risk in contracts, tenders-the risk to clients and contractors, case studies.

CVEN648 Reinforced Soil Structures

Reinforced soil structures are geotechnical systems consisting of reinforcing elements and primarily include mechanically stabilized earth (MSE) walls and reinforced soil slopes (RSS). The use of MSE walls and RSS have progressively grown over the last four decades due to advantages they provide compared to alternative soil-retaining structural systems. The cost-effectiveness and simplicity of the construction technique, speed of construction and flexibility of reinforced soil structures are among the benefits that make the technology popular and very attractive. MSE walls and RSS can be reinforced using metallic and geosynthetic-reinforcement materials. This course, focuses on analysis and design of geosynthetic-, particularly geogrid-, reinforced structures.

CVEN610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in civil engineering.

CVEN600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of civil engineering.

ELECTIVE COURSES

CVEN645 Coastal Structures

Following some basic wave climate parameters, design processes of coastal structures (i.e. different types of breakwaters, quays, vertical walls and rubble mounds) including their components will be discussed. Further discussions will include wave forces on seawalls revetments and groins and circular cylinder pier and decks and design of concrete block quaywalls, sheet pile walls and piled quay walls.

CVEN656 Structural Dynamics

Theory of plasticity and its application to structural design. The behavior of steel structures beyond the elastic limit and till collapse. Study of component parts of frames: methods of predicting strength and deformation in the plastic range. Plastic design of multistorey frames. Comparison of conventional design methods with plastic design techniques.

CVEN630 Special Topics in Civil Engineering

Selected topics related to civil engineering involving theory, practice and research on current civil engineering problems. This course provides topics of various branches such as materials, transportation, soil mechanics, structure, which may vary every semester.

ENVIRONMENTAL SCIENCES

(Education Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
ENSC651	Solid Waste Management	3	0	3	ENSC638	Water Reuse Technologies	3	0	3
ENSC637	Renewable Energy Practices	3	0	3	ENSC604	Hazardous Substances and Management Techniques	3	0	3
ESEL01	Elective I	3	0	3	ESEL03	Elective III	3	0	3
ESEL02	Elective II	3	0	3	ENSC610	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
ENSC620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
ENSC600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TİK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
ENSC600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
ENSC600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
ENSC600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
ENSC600	Thesis (Non-credit)	0	2	0
Total		0		

Course Descriptions

ENSC651 Solid Waste Management

This course covers, different type of solid wastes and their management techniques. 4R principles, solid waste recycling, incineration, composting, aerobic/anaerobic oxidation, landfilling. Matter and energy recovery from solid wastes.

ENSC637 Renewable Energy Practices

The course covers the environmental and social costs of energy production and consumption, internalisation of external costs, energy end use efficiency, advanced local energy planning, wind farms, solar power plants, bioenergy from forest, agriculture and municipality wastes.

ENSC638 Water Reuse Technologies

Introduction to the basic concepts and issues involved in water reuse. Water conservation methods. Potential reuse applications. Sources of water for reuse. Collection of rain-water for various purposes. Treatment technologies suitable for water reuse applications. Criteria for each type of reuse application. The overall procedures for determining the feasibility and planning of water reuse systems as well as the management structure of reuse projects. The management of the biosolids resulting from the treatment of wastewater and related regulations governing their use and disposal. Reuse of treated wastewater effluents for irrigation. Separate collection and treatment of grey water from black water for reuse purposes.

ENSC604 Hazardous Substances and Management Techniques

Sources and properties of hazardous wastes. Treatment and disposal techniques. Source reduction; reuse and exchange. Integrated management. Risk assessment; dose-response relationships and models. Review of hazardous waste legislation.

ENSC610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in environmental sciences.

ENSC600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of environmental sciences.

ELECTIVE COURSES

ENSC632 Environmental Biotechnology

The course aim is to provide the students with information on the application of biological processes in environmental technology. Environmental biotechnology covers the use of microorganisms in biotechnological processes such as sewage and industrial wastewater treatment, solid waste degradation, soil purification, bioremediation of sites contaminated with hazardous materials, enhancement of the quality of drinking water, biodegradation, bioconversion, biorecovery, biological detoxification.

ES607 Urban and Regional Environmental Planning

Ecology and environmental planning. Methodology of urban and rural land use. Urban planning related to population and internal migration. Industrial development and its effect on urbanization. Case studies on coastal zone management, wetlands, industrial sites.

ENSC630 Special Topics in Environmental Technologies

Various advanced level topics will be covered on environmental sciences, according to the need of students and interest of the instructor.

REHBERLİK VE PSİKOLOJİK DANIŞMANLIK

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredi), seminer (kredisiz), doktora yeterlik sınavı, doktora tez önerisi, tez çalışması ve hazırlanan tezin jüri önünde savunulmasından oluşmaktadır. Derslerin ve seminerin tamamlanması için iki yıl, tez çalışması için iki yıl olmak üzere programın normal süresi dört yıldır.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
RPD601	İleri Araştırma Teknikleri	3	0	3	RPD614	Kişilerarası İletişim ve Çatışma Çözümleri	3	0	3
RPD609	Bilişsel Davranışçı Psikolojik Danışma Uygulamaları	3	0	3	RPD615	Özel Gereksinimli Çocukların Eğitimi	3	0	3
RPD611	Danışman ve Etik İlkeler	3	0	3	RPD621	Okullarda Rehberlik Uygulamaları	3	0	3
<i>RPD606 İleri Bireyle Psikolojik Danışma Uygulaması (3-0)3 (ortak ders)</i>									
<i>Toplam: 21 kredi</i>									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
RPD690	Seminer (Kredisiz)	0	0	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
RPD650	Doktora Yeterlik Sınavı (Kredisiz)	0	0	0
Toplam				0

V, VI, VII ve VIII. YARIYILLAR

RPD600	Tez (Kredisiz)	0	0	0
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Ders İçerikleri

RPD601 İleri Araştırma Teknikleri

Sosyal Bilimlerde Araştırma, Araştırma Tasarımı, Veri Toplama ve Analizi, Verilerin Özetlenmesi, Hipotez Testleri, güven aralıkları, ANOVA Analizi, Çok Yönlü ANOVA Analizi, Korelasyon ve Regresyon Analizi, Çoklu Regresyon Analizi Örnek Uygulamalar ve rapor yazma.

RPD609 Bilişsel ve Davranışçı Psikolojik Danışma Uygulamaları

Bilişsel davranışçı yaklaşım, bilişsel davranışçı terapi teknikleri. Bilişsel ve davranışçı terapi tekniklerinin etkinliği. Beck ve Ellis'in Bilişsel Davranışçı yaklaşım çerçevesinde hazırlanan programların incelenmesi. Çocuk ve ergenlerde bilişsel davranışçı danışma uygulamaları.

RPD611 Danışman ve Etik İlkeler

Çeşitli kurumlarda çalışan psikolojik danışmanların görev ve sorumlulukları, etkili danışman özellikleri, psikolojik danışmada etik ilkeler, danışmanların yaşadıkları etik ikilemler, psikolojik danışmanın gizliliği, danışman- danışan ilişkileri ve duygusallığı, danışman- danışan arasındaki değer aktarımı, mesleki yetkinlik ve yeterlilik.

RPD614 Kişilerarası İletişim ve Çatışma Çözümleri

Etkili iletişim becerileri, kişilerarası iletişim nasıl kurulur, çatışma ve çatışma süreçleri, çatışma yönetimi, başarılı ve etkili iletişim ile çatışmalar nasıl çözülür, iş yerinde iletişim, okullarda yaşanan öğrenci çatışma türleri, çatışma çözme ve akran arabuluculuğu.

RPD615 Özel Gereksinimli Çocukların Eğitimi

Özel gereksinimli çocukların temel, özel istek ve ihtiyaçlarının tanımlanması, sınıftaki uyumsuz çocuklar için yapılabilecekler, uyumsuz çocukların yetenekleri, fiziki, zihni, sosyal, duygusal ve kişilik özelliklerine uygun eğitim, uyumsuzluğunun nedenleri, çocuğun davranış bozukluklarının düzeltilmesi ve programlar ve rehberlik hizmetleri

RPD621 Okullarda Rehberlik Uygulamaları

İlköğretim ve ortaöğretim öğrencilerine yönelik grup/bireysel rehberlik programları ve rehberlik etkinlikleri hazırlama, uygulama becerisi kazandırma ve öğretmeyi hedeflemektedir.

RPD606 İleri Bireyle Psikolojik Danışma Uygulaması

Grupla Psikolojik Danışma kavramlarını, temel ilkelerini, yöntem ve tekniklerini ve grup sürecini kuramsal ve uygulamalı açıklayan ve işleyen bir derstir. Süpervizyon altında lider ya da yardımcı lider olarak yapılandırılmış ya da yarı yapılandırılmış bir grubu yönetmek.

RPD690 Seminer

Öğrencileri seçilen veya verilen bir konuda literatür araştırması yapabilecek bir şekilde yönlendirmek, literatür araştırması sonucunda detaylı bir rapor hazırlamak ve dinleyici bir topluluğun önünde sunabilmelerini sağlamaktır. Seminer dersi kredi derslerinin tamamlanmasından sonra verilmektedir. Dönem sonunda başarılı veya başarısız olarak değerlendirilir.

RPD600 Tez

Tez orijinal olmalı ve öğrencinin araştırma ve analiz yeteneğini ortaya koymalıdır. Ayrıca, pratik uygulama konuları tez kapsamında ele alınmalıdır. Tez danışmanı ve öğrenci arasında tez konusu belirlenebilir. Tez öğrenci tarafından jüri önünde savunulmaktadır.. Tez başarılı veya başarısız olarak değerlendirilebilir.

ÖZEL EĞİTİM ÖĞRETMENLİĞİ

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredi), seminer (kredisiz), doktora yeterlik sınavı, doktora tez önerisi, tez çalışması ve hazırlanan tezin jüri önünde savunulmasından oluşmaktadır. Derslerin ve seminerin tamamlanması için iki yıl, tez çalışması için iki yıl olmak üzere programın normal süresi dört yıldır.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
ÖEÖ607	Öğrenme ve Duygu Davranış Yetersizliği	3	0	3	ÖEÖ616	Özel Eğitimde Beyin Temelli Öğrenme	3	0	3
RPD601	İleri Araştırma Teknikleri	3	0	3	ÖEÖ608	Eğitimde Tek Denekli Araştırmalar	3	0	3
ÖEÖ609	Özel Eğitimde Destek Sistemleri ve Uygulamaları	3	0	3	ÖEÖ605	Erken Müdahale	3	0	3
ÖEÖ651 Model Oluşturma ve Veri Analizi (3-0)3 (ortak ders)									
Toplam: 21 kredi									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
ÖEÖ690	Seminer (Kredisiz)	0	0	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
ÖEÖ650	Doktora Yeterlik Sınavı (Kredisiz)	0	0	0
Toplam				0

V, VI, VII ve VIII. YARIYILLAR

ÖEÖ600	Tez (Kredisiz)	0	0	0
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Ders İçerikleri

ÖÖ607 Öğrenme ve Duygu-Davranış Yetersizlikleri

Okuma-Yazma Yetersizlikleri (Disleksi):Özellikler ve gereksinimler, Bilimsel dayanaklı uygulamalar; Matematik Yetersizlikleri (Diskalkuli): Özellikler ve gereksinimler, Bilimsel dayanaklı uygulamalar; Duygu-Davranış Yetersizlikleri: Saldırganlık, İçer dönlüklük, Dikkat eksikliği ve hiperaktivite bozukluğu, Psikiyatrik bozukluklar, Bilimsel dayanaklı uygulamalar; İşbirliği ve Dayanışma: Ekip çalışması, Ailelerle işbirliği.

ÖÖ609 Özel Eğitimde Destek Sistemleri ve Uygulamaları

Kaynaştırma Uygulamalarında Destek Hizmetlerinin Yeri; Özel Eğitime Gereksinimi Olan Bireylerin, Ailelerin, Özel Eğitim ve İlişkili Hizmet Sağlayıcıların ve Toplumun Destek Sistemlerine Olan Gereksinimleri; Başlıca Destek Sistemleri ve Olası Doğurguları;Devlet ve Yerel Yönetimlerin Sağlık, Eğitim ve Sosyal Hizmet Politikalarında Destek Hizmetleri:Dünya, Türkiye ve KKTC bağlamlarında bakış açısı ve Uygulamalar.

RPD601 İleri Araştırma Teknikleri

Sosyal Bilimlerde Araştırma, Araştırma Tasarımı, Veri Toplama ve Analizi, Verilerin Özetlenmesi, Hipotez Testleri, güven aralıkları, ANOVA Analizi, Çok Yönlü ANOVA Analizi, Korelasyon ve Regresyon Analizi, Çoklu Regresyon Analizi Örnek Uygulamalar ve rapor yazma

ÖÖ616 Özel Eğitimde Beyin Temelli Öğrenme

Beyin temelli öğrenme yaklaşımının temel ilkeleri, öğrencilerin beyinlerinin bireysel olacak şekilde en verimli seviyede işlev görmesi için gereken müdahaleler. Beynin hücresel seviyede temel çalışma ilkeleri ve tüm beyin yaklaşımı ile yaşam için gerekli işlevlerin nasıl gerçekleştirildiğini, Duyguların öğrenme ve hafıza üzerindeki etkilerinin anlaşılması, güdülenmenin temelleri ve yönlendirilmesini, Beyin temelli stratejilerin problem çözme ve eleştirel düşünce için nasıl kullanıldığını.

ÖÖ608 Eğitimde Tek Denekli Araştırmalar

Tek Denekli Araştırmaların Genel Özellikleri: Etkililik, Verimlilik, Geçerlik. Tek Denekli Araştırmalar ve Etik; Veri Toplama ve Analiz: Davranışların ölçümü, Grafiksel analiz, İstatistiksel analiz; Tek-Denekli Araştırma Modelleri: AB modelleri, Tersine çevirme modeli, Çoklu başlama modelleri, Çoklu yoklama modelleri, ABC modeli, Dönüşümlü uygulamalar modeli, Paralel uygulamalar modeli; Tek Denekli Araştırmaları Değerlendirme; Tek Denekli Araştırma Önerisi ve Raporu Hazırlama.

ÖÖ605 Erken Müdahale

Erken Müdahale Hizmetleri: Tarihsel gelişim, Yasal düzenlemeler, Ailelerin hak ve sorumlulukları, Hizmet sunan uzmanlar ve destek elemanları, Ekip çalışması; Değerlendirme:Tarama, Tanılama, Programa dayalı değerlendirme, Standart ve alternatif değerlendirme yaklaşımları ve araçları, Bireyselleştirilmiş aile hizmet planı-BAHP; Gelişim Yetersizliklerine Yönelik Programlar: Portage, Küçük Adımlar, Erken ve yoğun davranışsal müdahale;Duyusal Yetersizliklere Yönelik Programlar; Risk Durumlarına ve Diğer Yetersizliklere Yönelik Programlar; Geçiş Süreci.

ÖÖ651 Model Oluşturma ve Veri Analizi

Doktora öğrencilerinin araştırma süreçlerinde geliştirecekleri kavramsal modellerin ve veya hipotetik problemlerin test edilebilmesi için gerekli sayısal çözümleme modellerinin neler olduğu, nasıl veri toplanması gerektiği ve toplanan verilerin hangi olasılık testleri ile nasıl analiz edileceğini kapsayan bir derstir. Temelinde matrix ve integral algoritmalarının yattığı sayısal çözümleme modellerinin yanı sıra meta-analiz, tek yönlü ve çok yönlü varyans analizi, çok faktörlü varyans analizi, linear ve logistic olmak üzere tüm çoklu regresyon analizlerinin konu olduğu bir derstir. Bu ders aynı zamanda AMOS, LISREL, STATA ve R sayısal çözümleme programları desteği ile yürütülmektedir. Özel eğitim öğretmenliği alanında geliştirilecek her türlü kavramsal modelin ya da deneysel önermenin çözüm odaklı sayısal modellerinin hem geçerlik hem de güvenilirlikleri açısından test edilmesini operasyonel olarak gerçekleştirmeyi amaçlayan bir derstir.

ÖEÖ690 Seminer

Öğrencileri seçilen veya verilen bir konuda literatür araştırması yapabilecek bir şekilde yönlendirmek, literatür araştırması sonucunda detaylı bir rapor hazırlamak ve dinleyici bir topluluğun önünde sunabilmelerini sağlamaktır. Seminer dersi kredi derslerinin tamamlanmasından sonra verilmektedir. Dönem sonunda başarılı veya başarısız olarak değerlendirilir.

ÖEÖ600 Tez

Tez orijinal olmalı ve öğrencinin araştırma ve analiz yeteneğini ortaya koymalıdır. Ayrıca, pratik uygulama konuları tez kapsamında ele alınmalıdır. Tez danışmanı ve öğrenci arasında tez konusu belirlenebilir. Tez öğrenci tarafından jüri önünde savunulmaktadır.. Tez başarılı veya başarısız olarak değerlendirilebilir.

HEALTH MANAGEMENT

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
HLMN609	Ethics in Healthcare Management	3	0	3	BUSN614	Advanced Strategic Management Research	3	0	3
BUSN629	Management in Theory and Practice	3	0	3	HLMN602	Health Policy Analysis	3	0	3
HMEL01	Elective I	3	0	3	HMEL03	Elective III	3	0	3
HMEL02	Elective II	3	0	3	HLMN610	Seminar	0	2	0
Total: 21 credits									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
HLMN620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
HLMN600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TIK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
HLMN600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
HLMN600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
HLMN600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
HLMN600	Thesis (Non-credit)	0	2	0
Total		0		

Course Descriptions

HLMN609 Ethics in Healthcare Management

Ethics and legal concepts / ethical values of healthcare management / basic ethical values / history of health sciences / health management practices.

BUSN629 Management in Theory and Practice

This course will serve as an introduction to Management Theory, Science and Practice. We shall attempt to organize and present, in a practical way, the fundamental knowledge underlying the art and science of management. What is said in this course is intended to apply to managers at every level in every kind of organization or enterprise. We shall study management by examining the basic functions of a manager - planning, organizing, controlling, and leading - from a formal or technical point of view but using practical examples.

BUSN614 Advanced Strategic Management Research

This course examines the design and operation of international management accounting control systems. Students will be introduced to various typologies of management control and consider the possibilities of management accounting work in relation to these. Such understandings of the interrelationship between management control and management accounting work will be related to a number of contextual considerations as well.

HLMN602 Health Policy Analysis

Comparison between health policies of Turkey and other countries/ terms in health care policies/ health care policy practices.

HLMN610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in health management.

HLMN600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of health management.

ELECTIVE COURSES

BUSN636 Managerial Finance

Along with marketing and finance, the operations function plays a vital role in achieving a company's strategic plans. Since the operations function produces the goods and provides the services, it typically involves the greatest portion of the company's employees and is responsible for a large portion of the firm's capital assets. This course addresses issues and methods of production/operations management. It focuses on the problems that frequently confront production/operations managers. After completing this course, the students should appreciate the role of operations managers in achieving a company's business goals. Topics discussed in this course include product strategy, process strategy and capacity planning, location and layout strategies, supply-chain management, material requirement planning, aggregate planning and scheduling.

HLMN651 Economics of Health and Healthcare

Cost-benefit analyses/ theoretical principles/ basic characteristics of the healthcare market/supply-demand and efficiency/ finance models and insurance in health/ efficiency and equity.

BUSN623 Theories of Organization

Organizations are all around us in society: we study in them, work for them, depend on them for goods and services, and we are often regulated or highly influenced by them. Therefore, we should aim to better understand them. Understanding organizations is essential to becoming more effective analysts, managers and leaders. Thus, this course focuses on basic theories like Contingency Theory, Resource Dependency Theory, Institutional Theory and Transaction Cost Theory.

HORTICULTURAL PRODUCTION AND MARKETING

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
AGRH607	Seed Control and Certification	3	0	3	AGRH606	Advanced Greenhouse Techniques and Technologies	3	0	3
AGRH609	Citrus Breeding	3	0	3	AGRH621	Soil-Plant Relationship	3	0	3
AGEL01	Elective I	3	0	3	AGEL03	Elective III	3	0	3
AGEL02	Elective II	3	0	3					
Total: 21 credits									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
AGRH620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
AGRH600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TİK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
AGRH600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
AGRH600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
AGRH600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
AGRH600	Thesis (Non-credit)	0	2	0
Total		0		

FOUNDATION PROGRAM (if required):

FALL SEMESTER					SPRING SEMESTER				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
AGRI207	Soil Science	0	0	0	AGRI252	Vegetable Production II	0	0	0
AGRI255	Basics of Fruit Production	0	0	0	AGRI306	Temperate and Subtropical Fruits	0	0	0
AGRI313	Diseases of Horticultural Plants	0	0	0	AGRI308	Pest of Horticultural Plants	0	0	0

Course Descriptions

AGRH607 Seed Control and Certification

Purpose of control and certification of vegetable seeds; general principles of control and certification systems; certification systems applied in Turkey and world; international organizations for seed certifications; control process in fields; sampling, packing and labelling of seeds for certification purpose; laboratory testings; seed import and export regulations.

AGRH609 Citrus Breeding

Improving the quality and resistance against storage, pest and diseases; general principles of modern breeding techniques; hybridization, mutation and tissue culture.

AGRH606 Advanced Greenhouse Technics and Technologies

Choosing type of greenhouse and location to construct, evaluation of ecological conditions for different production models. Control principles of ecological factors. Evaluation of plant growing mediums for different production models. Soilless culture, production of seedlings. Recent developments in greenhouse vegetable and fruit cultivation.

AGRH621 Soil-Plant Relationship

Plant nutrients; nutrient uptake and its dynamics in soil; dynamic of the soil plant system; ion movement in soil; allelopathy; effects of soil chemical specifications on plant growing; effects of soil pH on plant growing; effects of soil physical characteristics on plant growing; soil texture and structure; effects of growing plants on soil chemical and physical properties; effect of nitrate and ammonium nutrition of plants on soil pH; root exudates and their effects on soil chemical and physical properties; root exudates and soil micro organisms.

AGRH610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in horticultural production and marketing.

AGRH600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of horticultural production and marketing.

ELECTIVE COURSES

ENSC638 Water Reuse Technologies

Introduction to the basic concepts and issues involved in water reuse. Water conservation methods. Potential reuse applications. Sources of water for reuse. Collection of rain-water for various purposes. Treatment technologies suitable for water reuse applications. Criteria for each type of reuse application. The overall procedures for determining the feasibility and planning of water reuse systems as well as the management structure of reuse projects. The management of the biosolids resulting from the treatment of wastewater and related regulations governing their use and disposal. Reuse of treated wastewater effluents for irrigation. Separate collection and treatment of grey water from black water for reuse purposes.

AGRH620 Vegetable and Fruit Pests

Identification of insects which are harmful and cause damage on vegetable and fruits (morphological and biological properties). Many insects interact with plants, which they use particularly for feed, shelter and fuel. If densities of herbivorous insects are high enough they can become crop pest which require attention and maybe action. To do this as economical and sustainable as possible requires an ecologically based knowledge and understanding of: Insect-plant-ecology and more specifically the

influence of soil, weather, fertilization, irrigation etc. on crop pest and their natural enemies. Monitoring and forecasting methodologies (development and function of systems) as well as control methods and overall management strategies (incl. legal and advisory implications).

Prevention of attacks and manipulation of pest insects and their natural enemies through rotation and choice of crop, and farming system (organic, integrated, conventional). Influence of plant protection on wild flora and fauna of arable fields.

AGRH613 Agriculture and Environment

The uses and the problems which created in environment. Agricultural systems which are compatible with environment. Integrated agriculture, the benefits to the local people and the environment. Why should the environment and nature be protected. System approaches and planning method in environment and nature protection. Legal and environmental grounds of national and international protection of the environment and nature. The importance of protecting the environment and nature and the applications in Cyprus. The EU's environmental and conservation regulations, the FFH-Directives and the Natura 2000 protected area network system. Protected areas and problems in Cyprus.

COMMUNICATION SCIENCES

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
COMM601	Methodology in Communication	3	0	3	BUSN614	Advanced Strategic Management Research	3	0	3
COMN661	Quantitative Methods	3	0	3	COMM608	Media and Politics	3	0	3
CMEL01	Elective I	3	0	3	CMEL03	Elective III	3	0	3
CMEL02	Elective II	3	0	3	COMM610	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
COMM620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
COMM600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TİK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
COMM600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
COMM600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
COMM600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
COMM600	Thesis (Non-credit)	0	2	0
Total		0		

Course Descriptions

COMM601 Methodology in Communication

This course provides a comprehensive examination of research methodologies in communication studies. Topics include research design, sampling strategies, data collection techniques, data analysis, qualitative and quantitative approaches, and reporting procedures. Students will also explore the development of theoretical frameworks, academic writing conventions, and ethical principles in communication research. The aim of the course is to equip doctoral students with the methodological expertise necessary to conduct original, high-quality academic research in the field of communication.

COMN661 Quantitative Methods

This course is designed to provide students with an understanding of key statistical methods used by businesses. After reviewing basic statistical techniques, emphasis is placed on regression analysis, its underlying assumptions and problems associated with violations of these assumptions. The course also explores alternative forms of multivariate analysis and introduces students to spatial regression models and structural equation models.

BUSN614 Advanced Strategic Management Research

This course examines the design and operation of international management accounting control systems. Students will be introduced to various typologies of management control and consider the possibilities of management accounting work in relation to these. Such understandings of the interrelationship between management control and management accounting work will be related to a number of contextual considerations as well.

COMM608 Media and Politics

This course examines the complex relationship between media and politics from theoretical, historical, and critical perspectives. It addresses the influence of mass media on political processes, public opinion formation, political discourse, propaganda, election campaigns, and political communication strategies. The course also considers the role of digital media in political participation, activism, and democratic processes. Students will develop the analytical skills needed to evaluate the media-politics nexus within cultural and global contexts.

COMM610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in communication sciences.

COMM600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of communication sciences.

ELECTIVE COURSES

BUSN629 Management in Theory and Practice

This course will serve as an introduction to Management Theory, Science and Practice. We shall attempt to organize and present, in a practical way, the fundamental knowledge underlying the art and science of management. What is said in this course is intended to apply to managers at every level in every kind of organization or enterprise. We shall study management by examining the basic functions of a manager - planning, organizing, controlling, and leading - from a formal or technical point of view but using practical examples.

BUSN642 Economic Analysis for Managers

The course focuses on applying economic modelling and analytical techniques for the contemporary economic questions. PhD students will have learned how advanced economic research is employing economic theory and analytical tools to standard macroeconomic problems. Fields of application may include the role of income, wealth and uncertainty to consumption and savings decisions; the determinants of investment, growth and unemployment.

BUSN636 Managerial Finance

Along with marketing and finance, the operations function plays a vital role in achieving a company's strategic plans. Since the operations function produces the goods and provides the services, it typically involves the greatest portion of the company's employees and is responsible for a large portion of the firm's capital assets. This course addresses issues and methods of production/operations management. It focuses on the problems that frequently confront production/operations managers. After completing this course, the students should appreciate the role of operations managers in achieving a company's business goals. Topics discussed in this course include product strategy, process strategy and capacity planning, location and layout strategies, supply-chain management, material requirement planning, aggregate planning and scheduling.

BUSN623 Theories of Organization

Organizations are all around us in society: we study in them, work for them, depend on them for goods and services, and we are often regulated or highly influenced by them. Therefore, we should aim to better understand them. Understanding organizations is essential to becoming more effective analysts, managers and leaders. Thus, this course focuses on basic theories like Contingency Theory, Resource Dependency Theory, Institutional Theory and Transaction Cost Theory.

BUSN635 Researching International Organizations

This course will offer a comprehensive examination of international organizations 'political and structural role in world politics and explore the roles and impacts of international organizations at regional and global levels. We will critically examine the complexity and changing nature of the interrelationships between political and legal aspects of international organizations and shed light on the methodological challenges that come with the complexity of international organizations, addressing and simultaneously bridging differing perspectives between interpretation and explanation. Through presentations and guided research, this course will encourage PhD candidates to improve their own skills and capacities for engaging constructively in critical issue areas of international organizations research.

ORAL AND MAXILLOFACIAL SURGERY

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
DENT633	Complications and Emergency Treatments in Dental Rehabilitation	3	0	3	DENT634	Dental And Maxillofacial Traumatology	3	0	3
DENT631	Maxillofacial (Surgery) Anatomy	3	0	3	DENT632	Dental Implantology	3	0	3
DTEL01	Elective I	3	0	3	DENT636	Dental Clinic II	0	10	0
DENT637	Dental Clinic I	0	10	0	DENT638	Orthognathic Surgical Applications	3	0	3
					DTEL02	Elective II	3	0	3
					DENT610	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
DENT620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TIK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

Course Descriptions

DENT633 Complications and Emergency Treatments in Dental Rehabilitation

This course provides advanced knowledge and skills for the identification, prevention, and management of complications arising during and after dental rehabilitation procedures in oral and maxillofacial surgery. Emphasis is placed on the etiology, diagnosis, and treatment of surgical and prosthetic complications, as well as the management of systemic and local emergencies that may occur in clinical practice. The course integrates current literature, clinical case discussions, and hands-on simulations to prepare students for prompt and effective intervention in complex scenarios.

DENT631 Maxillofacial (Surgery) Anatomy

This course provides an in-depth exploration of the anatomical structures relevant to oral and maxillofacial surgery, with a focus on clinical and surgical applications. It covers detailed anatomy of the craniofacial skeleton, masticatory system, oral cavity, salivary glands, temporomandibular joint, cervical fascial spaces, and associated neurovascular structures. Emphasis is placed on anatomical variations, surgical landmarks, and three-dimensional spatial relationships essential for safe and effective surgical intervention. The course integrates cadaveric dissection, advanced imaging interpretation, and correlation with clinical cases to enhance anatomical understanding in the context of complex maxillofacial surgical procedures.

DENT637 Dental Clinic I

This course offers advanced, supervised clinical training in the diagnosis, treatment planning, and surgical management of patients requiring oral and maxillofacial interventions. Students actively participate in outpatient and inpatient settings, performing procedures such as dentoalveolar surgery, implant placement, soft and hard tissue management, and minor/maxillofacial trauma care under expert supervision. Emphasis is placed on patient assessment, informed consent, surgical asepsis, complication management, and postoperative follow-up. The course also integrates interdisciplinary collaboration with related specialties to provide comprehensive patient care and develop clinical decision-making skills essential for independent surgical practice.

DENT634 Dental And Maxillofacial Traumatology

This course provides advanced theoretical and clinical training in the diagnosis, management, and rehabilitation of traumatic injuries to the teeth, jaws, and associated craniofacial structures. Topics include classification of maxillofacial injuries, principles of wound healing, fracture fixation techniques, dentoalveolar trauma management, and soft tissue reconstruction. Emphasis is placed on evidence-based treatment planning, interdisciplinary coordination, and long-term functional and aesthetic outcomes. Clinical case discussions, surgical demonstrations, and literature reviews are integrated to prepare students for complex trauma scenarios in oral and maxillofacial practice.

DENT632 Dental Implantology

This course delivers advanced knowledge and clinical skills in the planning, surgical placement, and prosthetic restoration of dental implants within the scope of oral and maxillofacial surgery. It covers implant biology, osseointegration principles, bone grafting techniques, sinus augmentation, and management of peri-implant diseases. Emphasis is placed on case selection, digital planning technologies, risk assessment, and complication management. The course combines lectures, evidence-based literature review, surgical simulations, and supervised clinical practice to prepare students for comprehensive implant rehabilitation in complex cases.

DENT636 Dental Clinic II

This course offers advanced, supervised clinical training in the diagnosis, treatment planning, and surgical management of patients requiring oral and maxillofacial interventions. Students actively participate in outpatient and inpatient settings, performing procedures such as dentoalveolar surgery, implant placement, soft and hard tissue management, and minor/maxillofacial trauma care under expert supervision. Emphasis is placed on patient assessment, informed consent, surgical asepsis, complication

management, and postoperative follow-up. The course also integrates interdisciplinary collaboration with related specialties to provide comprehensive patient care and develop clinical decision-making skills essential for independent surgical practice.

DENT638 Orthognathic Surgical Applications

This course provides advanced theoretical and practical training in the diagnosis, planning, and execution of orthognathic surgical procedures for the correction of dentofacial deformities. Topics include cephalometric analysis, three-dimensional surgical planning, surgical techniques for maxillary, mandibular, and bimaxillary procedures, and the integration of orthodontic treatment in pre- and postoperative phases. Emphasis is placed on functional and aesthetic outcomes, airway considerations, occlusal stability, and the prevention and management of surgical complications. Students engage in case-based discussions, digital planning workshops, and supervised clinical observations to develop comprehensive skills in orthognathic surgery.

DENT610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in oral and maxillofacial surgery.

DENT600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of oral and maxillofacial surgery.

ELECTIVE COURSES

RESTORATIVE DENTISTRY

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
DENT613	Material Sciences in Dentistry	3	0	3	DENT652	Digital Prosthetic Approaches	3	0	3
DENT647	Esthetic and Adhesive Dentistry	3	0	3	DENT654	Cariology, Preventive and Minimal Invasive Dentistry	3	0	3
DENT619	Materials' Test Methods				DENT656	Dental Clinic II	0	10	0
DTEL01	Elective I	3	0	3	DTEL02	Elective II	3	0	3
DENT651	Dental Clinic I	0	10	0	DENT610	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
DENT620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TİK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

Course Descriptions

DENT613 Material Sciences in Dentistry

This course explores the physical, chemical, and mechanical properties of dental materials used in restorative dentistry, with a focus on their clinical performance and biocompatibility. Topics include the structure and behavior of metals, ceramics, polymers, composites, and adhesives; mechanisms of wear and degradation; and the influence of oral environmental factors on material longevity. Emphasis is placed on the selection and application of materials for direct and indirect restorations, esthetic outcomes, and evidence-based decision-making. The course integrates laboratory demonstrations, material testing, and critical appraisal of current literature to prepare students for advanced clinical and research applications in restorative dentistry.

DENT647 Esthetic and Adhesive Dentistry

This course provides advanced theoretical and clinical training in contemporary esthetic and adhesive dentistry techniques, focusing on the preservation of tooth structure and the achievement of optimal functional and aesthetic results. Topics include adhesion science, bonding systems, resin composites, ceramics, veneer and laminate restorations, smile design principles, color science, and management of complex aesthetic cases. Emphasis is placed on evidence-based material selection, minimally invasive approaches, and long-term clinical performance. Students engage in case-based discussions, digital smile design exercises, and supervised clinical applications to master advanced esthetic and adhesive procedures.

DENT651 Dental Clinic I

This course offers supervised clinical training in the diagnosis, treatment planning, and execution of restorative dental procedures for a variety of patient cases. Students apply advanced knowledge of restorative materials, techniques, and esthetic principles in managing direct and indirect restorations, tooth wear, and complex restorative needs. Emphasis is placed on patient communication, clinical documentation, infection control, and adherence to evidence-based protocols. Through hands-on patient care, students develop precision, efficiency, and critical decision-making skills essential for advanced restorative practice.

DENT619 Materials' Test Methods

This course provides advanced training in the evaluation and testing of dental materials used in restorative and prosthetic dentistry. It covers mechanical, physical, chemical, and biological testing methods to assess properties such as strength, hardness, wear resistance, adhesion, and biocompatibility. Emphasis is placed on standardized testing protocols, interpretation of test results, and their clinical relevance in material selection and treatment planning. Students gain hands-on experience with laboratory testing equipment and critically analyze current research to understand material behavior under simulated oral conditions.

DENT652 Digital Prosthetic Approaches

This course introduces advanced digital technologies and workflows in prosthetic dentistry, emphasizing computer-aided design and computer-aided manufacturing (CAD/CAM) techniques. Topics include digital impression taking, virtual treatment planning, 3D modeling, milling and 3D printing of prosthetic components, and integration with restorative and implant treatments. Emphasis is placed on accuracy, efficiency, and evidence-based application of digital tools to improve patient outcomes. Students engage in hands-on exercises, software simulations, and clinical case studies to develop competency in digital prosthetic planning and fabrication.

DENT656 Dental Clinic II

This course offers supervised clinical training in the diagnosis, treatment planning, and execution of restorative dental procedures for a variety of patient cases. Students apply advanced knowledge of restorative materials, techniques, and esthetic principles in managing direct and indirect restorations, tooth wear, and complex restorative needs. Emphasis is placed on patient communication, clinical

documentation, infection control, and adherence to evidence-based protocols. Through hands-on patient care, students develop precision, efficiency, and critical decision-making skills essential for advanced restorative practice.

DENT654 Cariology, Preventive and Minimal Invasive Dentistry

This course provides advanced theoretical and clinical training in the prevention, diagnosis, and management of dental caries using evidence-based and minimally invasive approaches. Topics include caries etiology, risk assessment, diagnostic technologies, preventive strategies, remineralization techniques, and conservative operative procedures. Emphasis is placed on preserving healthy tooth structure, patient education, and interdisciplinary approaches to oral health management. Students engage in case-based discussions, clinical simulations, and supervised patient care to develop expertise in minimally invasive restorative interventions.

DENT610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in restorative dentistry.

DENT600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of restorative dentistry.

ELECTIVE COURSES

ORTHODONTICS

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
DENT621	Examination and Diagnosis in Orthodontics	3	0	3	DENT646	Fixed & Removable Orthodontic Treatment Methods And Relaps	3	0	3
DENT623	Craniofacial Growth and Development	3	0	3	DENT628	Preventive and Interceptive Orthodontic Approaches	3	0	3
DTEL01	Elective I	3	0	3	DENT626	Dental Clinic II	0	10	0
DENT625	Dental Clinic I	0	10	0	DENT638	Orthognathic Surgical Applications	3	0	3
					DTEL02	Elective II	3	0	3
					DENT610	Seminar	0	2	0
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
DENT620	PhD Qualification Exam (No credit)	0	2	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis Proposal: Defense and Approval of Thesis Topic by Thesis Monitoring Committee (TIK) (No credit)	0	2	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
DENT600	Thesis (Non-credit)	0	2	0
Total		0		

Course Descriptions

DENT621 Examination and Diagnosis in Orthodontics

This course introduces how to develop the problem list, treatment goals, and how to create a treatment plan to accomplish the treatment goals. Diagnostic and treatment planning criteria will be taught that demonstrate the specific steps in developing an efficient treatment plan.

DENT623 Craniofacial Growth and Development

This course presents an introduction to growth and development, mechanics of craniofacial growth, methods of studying growth, growth curves and charts, growth assessment and forecasting of theories of growth. This course also includes a review of intra-membranous, endochondral growth, as well as remodelling principles. The embryology of craniofacial complex. The development of dentition and occlusion. As well as craniofacial anomalies and syndromes will be reviewed.

DENT625 Dental Clinic I

Clinical training for competent to obtain a relevant patient history and compliant, perform clinical examination, take high quality of orthodontic records, arrive at a proper diagnostic assessment on the basis of data, define treatment objectives with alternative consideration define treatment plan and perform effective treatment. Each postgraduate student must start at least 30 well-documented patients with various types of malocclusions.

DENT646 Fixed & Removable Orthodontic Treatment Methods And Relaps

Knowledge of indication, design, use and limitation of removable appliances, functional appliances, various types of extra oral appliances and combined extra-oral/functional appliances. Competent to construct and repair removable and functional appliances. Insight in indication and application of fixed appliances, different concepts and treatment approaches in design and biomechanical principles of fixed appliance techniques (Edgewise technique. Bio progressive technique, Straight wire technique, Begg technique, Segmented arch technique) potential and limitation of each technique. Knowledge of indication and contra-indication design, use and limitation of retention appliances as well as the most appropriate duration of retention. Treatment with alternative appliances such as self-ligating brackets and clear aligners. At the end of this course, students learn the etiological factors of orthodontic anomalies. They will have information about the treatments applied in the early treatment of anomalies that develop due to faulty habits. They learn about preventive and early period orthodontic treatments. They learn the histology of tooth movements, the properties of applied force and anchorage methods. Have theoretical knowledge about functional appliances, maxillary expansion appliances, extra oral appliances, removable orthodontic appliances. It includes information about the treatment of sagittal, transversal and vertical orthodontic anomalies and the relapse and retention in orthodontics

DENT628 Preventive and Interceptive Orthodontic Approaches

This course aims to teach the concept of orthodontic triage, and teach the basics of etiology for various developmental malocclusion. The Diagnosis, classification and treatment planning of developing malocclusion, preventive and Interceptive Treatment planning with Removable Appliances, Designing and Fabrication of removable appliances, Clinical Management and Delivering the appliance, follow up and Evaluation the progress of treatment and retention requirements are also reviewed in this course.

DENT626 Dental Clinic II

Clinical training for competent to manage orthodontic patients who require multidisciplinary approach and alternative treatment with new technology and modern appliances. Clinical orthodontic practice on patients with craniofacial deficiencies, patients with cleft lips and/or cleft palate. Treatment with alternative appliances such as self-ligating brackets and clear aligners.

DENT638 Orthognathic Surgical Applications

In this course, Orthodontic students learn to outline and evaluate alternative treatment possibilities for patients with facial and occlusal deformities that may require combined orthodontic and surgical

therapy. Review and presentation of the literature and of the records of previously treated patients is included. The course will review surgical and orthodontics principles for diagnosis, treatment and management of orthognathic surgery cases. Surgical component will describe the surgical principles guiding osteotomy design, level, and timing and the orthodontic component will delineate the basic principles underlying orthodontic treatment of orthognathic surgery cases. Instruction is primarily focused on students gaining knowledge of surgical/orthodontic principles and their application to clinical care

DENT610 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in orthodontics.

DENT600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of orthodontics.

ELECTIVE COURSES

ARCHITECTURE

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
ARCH617	Critical Investigation of Theory in Architecture	3	0	3	ARCH644	Urban and Regional Environmental Planning	3	0	3
ARCH614	Traditional Building Elements and Construction Techniques	3	0	3	ARCH604	Culture and Construction	3	0	3
ARCH624	Architectural Environments and Space	3	0	3	ARCH632	Theory of Conservation	3	0	3
<i>ARCH606 Architecture After Modernism (3-0)3 (common course)</i>									
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
ARCH690	Seminar (Non-credit)	0	0	0
		0	0	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
ARCH650	Doctoral Qualification Examination (Non-credit)	0	0	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
ARCH630	Thesis (Non-credit)	0	0	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
ARCH630	Thesis (Non-credit)	0	0	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
ARCH630	Thesis (Non-credit)	0	0	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
ARCH630	Thesis (Non-credit)	0	0	0
Total		0		

Course Descriptions

ARCH617 Critical Investigation of Theory in Architecture

Architectural Theory is one of the most discussed topics nowadays. The intersection with history, the connection to historical events, and the undefined and most complicated repositioning of architecture increases its importance. The main objective of this course is to forward the necessary infrastructure of the relationship between architecture and society starting from 1960's to the student and to discuss about possible future scenarios. It is intended to create awareness, because criticality today is a dangerous zone, with its diversity of sources, with the outburst of architects, and their contributions to the profession both in theory and practice. The discourse of architectural criticism today faces the problem, that the gap between theory and practice is increasing and hereby demands for solutions. So, the students will deal with issues such as, 'theory after theory', post-criticality, and 'projective practice' which are the recent debate topics of architecture today.

ARCH614 Traditional Building Elements and Construction Techniques

The objective of the course is to lend students analytical vision in understanding the behaviour of structural components and identify the related problems frequently met in historic buildings. Non-destructive test techniques in the diagnosis of structural failures designed for ones other than visible problems are also introduced. Together with their problems, various types of construction techniques from different historic periods mainly in Europe and Anatolia are introduced and basic intervention methods and repair materials are discussed in the light of restoration principles. Students are asked to submit assignments and prepare a seminar presentation on topics determined at the beginning of the semester.

ARCH624 Architectural Environments and Space

Studies on environmental issues of architectural design. Environment and built environment. Comfort as a final goal of architectural design. Historical, physical, cultural and psychological aspects of comfort providing in both building design and built environment.

ARCH644 Urban and Regional Environmental Planning

Ecology and environmental planning. Methodology of urban and rural land use. Urban planning related to population and internal migration. Industrial development and its effect on urbanization. Case studies on coastal zone management, wetlands, industrial sites.

ARCH604 Culture and Construction

In this course, how people living in different regions live together in housing units built in industrialized regions during after industrial revolution that started in England in the 19th century will be examined. For these people, how the housing problem was solved and how urban morphology developed will be examined throughout the semester. The case studies of the new socialist ideas put forward in the field of architecture will also be covered based on the question of how the cultural and architectural settlement of housing identity and new building types were solved will be investigated during the semester.

ARCH632 Theory of Conservation

Conceptual definitions and terminologies for understanding the theory of conservation. Historical approaches towards developing the theory of conservation. Basic concepts in architectural field. Types of cultural and historic heritage; architectural buildings, archaeological sites, historic area (historic urban quarter and village core). Contemporary international regulations; accepted principles, charters and declarations. The importance of recording and documentation. Conservation and the unity of style; destruction for the sake of restoration and the anti-restoration theory. Analytical approach towards the structures and the original materials. Authenticity, changing criteria and concept of authenticity in architectural conservation; Adaptive re-use of the traditional buildings with emphasis on pre-determined revitalization approaches. Conservation, revitalization and design in historic environment (urban conservation). Encouragement of public participation.

ARCH606 Architecture After Modernism

Starting from 70's architecture tries to find its way between theoretical trajectories and debates within two interrelated periods on: Postmodernism and Pluralism. This course provides knowledge about theoretical challenges related with identity, culture, technological developments, possibilities of green architecture, daily life with best moments, and pragmatic approaches. The aim of this course is to introduce students to trends and dilemmas after modern period, with backgrounds on some of the pivotal events that have shaped our society. How to change the limits of architecture? Will be the main focus of the course.

ARCH630 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of architecture.

ARCH690 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in architecture.

PHYSIOTHERAPY AND REHABILITATION

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 ND SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
PTR601	Physiotherapy and Rehabilitation of Cardiopulmonary Diseases	3	0	3	PTR602	Preventive Physiotherapy and Rehabilitation	3	0	3
PTR603	Evidence Based Research in Orthopedic Cases	3	0	3	PTR604	Physiotherapy for Musculoskeletal Conditions	3	0	3
PTR605	Exercise Approaches in Physiotherapy	3	0	3	PTR606	Physiotherapy and Rehabilitation in Neurological Diseases	3	0	3
<i>PTR607 Clinical Study (3-0)3 (common course)</i>									
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
PTR690	Seminar (Non-credit)	0	0	0
		0	0	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
PTR650	Doctoral Qualification Examination (Non-credit)	0	0	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
PTR600	Thesis (Non-credit)	0	0	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
PTR600	Thesis (Non-credit)	0	0	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
PTR600	Thesis (Non-credit)	0	0	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
PTR600	Thesis (Non-credit)	0	0	0
Total		0		

Course Descriptions

PTR601 Physiotherapy and Rehabilitation of Cardiopulmonary Diseases

Organization and structure of pulmonary rehabilitation programs, physiotherapy and rehabilitation approaches in different clinical conditions of chronic obstructive pulmonary diseases will be comprehensively reviewed.

Physiotherapy and rehabilitation approaches in obstructive and restrictive lung diseases, lung cancer, and pulmonary hypertension will be comprehensively reviewed.

Rehabilitation approaches in healthy individuals, coronary artery diseases, peripheral vascular diseases, circulation problems, and congenital heart diseases will be comprehensively reviewed.

Cardiac rehabilitation approaches in myocardial revascularization techniques, pacemaker, cardiac transplantation and surgery, neurological problems, rheumatological diseases and pregnancy will be comprehensively reviewed.

To evaluate the functional capacity of patients with cardiopulmonary problems and to evaluate laboratory tests and to evaluate the physical activity level of patients with cardiopulmonary problems

PTR603 Evidence Based Research in Orthopedic Cases

The aim of this course is to select evidence based physiotherapy approaches, to teach application principles with preventive treatment approaches according to literature.

The contents of this course is, varied physiotherapy approaches used in musculoskeletal disorders in orthopedic rehabilitation, developing clinical decision making with these approaches and recent literature review.

The learning outcomes of the course are: to analyze physiotherapy and rehabilitation approaches in musculoskeletal disorders, to plan and apply optimal treatment program, to transfer the evidence based knowledge to the practice.

PTR605 Exercise Approaches in Physiotherapy

Basics of exercises used in physiotherapy and rehabilitation and application explanation of the principles and the evidence-based approaches to Exercise approaches development and implementation. Knowing the acute and chronic physiological responses of therapeutic exercise, exercise prescriptions will be created with biomechanical principles. Therapeutic exercise will be evaluated before the exercise and a special exercise program will be created for the patient.

PTR602 Preventive Physiotherapy and Rehabilitation

The development of programs in the interdisciplinary field of preventive rehabilitation is required as the population continues to age. The professions of physical therapy are expected to work with longer projected age spans of the general population. With this increased demand, physiotherapy and rehabilitation specialists are needed to provide effective and efficient care. The current evidence behind the practice of physical therapy is in nearly all areas of protective clinical practice indicates the increased need. New research in Protective Rehabilitation are in critical demand, meaning to evaluate these issues, to evaluate the effectiveness of current injury prevention and rehabilitation science, and to develop new potential injury prevention and rehabilitation strategies.

This course aims to emphasize the role of the physiotherapist in preventive health services, improving clinical decision making ability in preventive physiotherapy. Also this course aims to create new ideas and studies with following related current literature.

The student who completes this course gain skill in analyzing needs preventive physiotherapy approaches on healthy, sick and disabled population and in deciding application methods.

PTR604 Physiotherapy for Musculoskeletal Conditions

The aim of this course is to improve rehabilitation approaches for a variety of commonly experienced musculoskeletal disorders that have an adverse impact on society.

The main research goals are to identify injury mechanisms, target modifiable impairments associated with clinical outcomes, and develop effective interventions to restore function and prevent recurrence. Investigation of these goals encompasses many different methods used alone or in combination

including neurophysiological, physiological, pain-related cognition, biomechanical, physical performance, and clinical measures.

PTR606 Physiotherapy and Rehabilitation in Neurological Diseases

This course aims to transfer theoretical and practical concepts and principles in the field of neurological physiotherapy in deeply. Evaluation with critical approach to current information in the field of Neurological Rehabilitation, integration, and contribute ability to create new information and defining the role of the physiotherapy and physiotherapist with specifying the role of other disciplines in the field of neurological rehabilitation is covered during the course.

At the end of the course, the student will be able to transfer owned theoretical and practical concepts and principles of basic measurement, evaluation, and treatment techniques specific to physiotherapy and rehabilitation in the field of neurological rehabilitation. Also, the student will gain skills in analysis and synthesis of theoretical and practical principles of recent physiotherapy approaches to neurological diseases affecting the central and peripheral nervous system.

PTR607 Clinical Study

The aim of this course is to approach to problems that will face in the clinic about physiotherapy and rehabilitation injuries and disorders, to provide skills and experience about using individual sharing methods for gaining clinical experience and to develop problem-solving skills.

The contents of this course is; to know the clinical features of physiotherapy and rehabilitation injuries, to distinguish the properties of physiotherapy and rehabilitation approaches applied, to comprehend use to clinical problem solving skills to the encountered problems. Also, to collect datas about special techniques and innovations in physical therapy and rehabilitation, to classify the collected data about physiotherapy and rehabilitation, to create researches and developmental studies in the field of physiotherapy and rehabilitation, to implement researches and developmental studies, to conclude researches and developmental studies, to evaluate selected methods and innovations in the field of physiotherapy rehabilitation.

The student who had succeeded this lesson, will gain the practice and evaluation skills on special methods in physiotherapy, the developmental and practical skills on projects, the analysis and discussion skills in relative field.

In the content of this lesson special physiotherapy evaluation and treatments technics will be teached and skills will be gained with practice. The Project and pilot research will be developed.

PTR600 Thesis

Supervised independent research on a topic arranged between the student and a faculty member and approved by the Administrative Committee of the Institute. It must be an original contribution to the field of physiotherapy and rehabilitation.

PTR690 Seminar

The expression of the subject, objectives and the discussions on the related theoretical issues, presentation of the consequences, the discussions of the thesis in regard to contemporary developments in physiotherapy and rehabilitation.

MANAGEMENT INFORMATION SYSTEMS

(Programme Language: English)

The program consists of 7 courses (21 credits); a seminar as non-credit course, the doctoral comprehensive qualification examination, the thesis proposal, thesis work, and the defence of the thesis in the presence of a jury. Two years are required for the thesis after completion of the courses and the seminar. The normal time limit for completion of the program is four years.

CURRICULUM

1 st SEMESTER (FALL)					2 nd SEMESTER (SPRING)				
Course Code	Course Name	T	P	C	Course Code	Course Name	T	P	C
BUSN629	Management Theory and Practice	3	0	3	BUSN614	Advanced Strategic Management Research	3	0	3
BUSN661	Quantitative Methods	3	0	3	MIS602	Distributed Computing	3	0	3
MIS601	Advanced Topics in Simulations	3	0	3	MIS604	Network Science: Theory and Applications	3	0	3
<i>MIS603 Special Topics in MIS (3-0)3 (common course)</i>									
<i>Total: 21 credits</i>									

3rd SEMESTER

CODE	COURSE NAME	T	P	C
MIS690	Seminar (No credit)	0	0	0
		0	0	0
Total		0		

4th SEMESTER

CODE	COURSE NAME	T	P	C
MIS650	Doctoral Qualification Examination (No credit)	0	0	0
Total		0		

5th SEMESTER

CODE	COURSE NAME	T	P	C
MIS600	Thesis (No credit)	0	0	0
Total		0		

6th SEMESTER

CODE	COURSE NAME	T	P	C
MIS600	Thesis (Non-credit)	0	0	0
Total		0		

7th SEMESTER

CODE	COURSE NAME	T	P	C
BUSN600	Thesis (Non-credit)	0	0	0
Total		0		

8th SEMESTER

CODE	COURSE NAME	T	P	C
BUSN600	Thesis (Non-credit)	0	0	0
Total		0		

Course Descriptions

BUSN629 Management Theory and Practice

This course will serve as an introduction to Management Theory, Science and Practice. We shall attempt to organize and present, in a practical way, the fundamental knowledge underlying the art and science of management. What is said in this course is intended to apply to managers at every level in every kind of organization or enterprise. We shall study management by examining the basic functions of a manager - planning, organizing, controlling, and leading - from a formal or technical point of view but using practical examples.

BUSN661 Quantitative Methods

This course is designed to provide students with an understanding of key statistical methods used by businesses. After reviewing basic statistical techniques, emphasis is placed on regression analysis, its underlying assumptions and problems associated with violations of these assumptions. The course also explores alternative forms of multivariate analysis and introduces students to spatial regression models and structural equation models.

MIS601 Advanced Topics in Simulations

Systems and their models. Analytical and simulation modeling. Structure of a discrete event simulation algorithm. Randomness in simulation. Random number generators and their characteristics. Queuing systems. Simulation languages and tools. Simulation for modeling. Software packages for simulation and the related simulation tool. Simulation experiments. Statistical processing of output results of simulation.

MIS603 Special Topics in MIS

This course offers an in-depth exploration of a special topic, issue, or current trend in the management information systems field such as; cloud computing, green computing, forensic computing, cryptocurrency, blockchain. This course will include special topics or issues that are not addressed in other courses. Besides for this, course provides students an opportunity to explore emerging computer technologies, industry-specific information systems, and current issues in business information systems.

BUSN614 Advanced Strategic Management Research

This course examines the design and operation of international management accounting control systems. Students will be introduced to various typologies of management control and consider the possibilities of management accounting work in relation to these. Such understandings of the interrelationship between management control and management accounting work will be related to a number of contextual considerations as well.

MIS602 Distributed Computing

Evolution of computer networks, distributed systems and distributed computing. Definition and basic characteristics of distributed systems. Formal techniques for the description and investigation of distributed systems. Networking for distributed computing. Distributed computing in the Internet. TCP/IP protocols for distributed computing in the Internet. Processes and the remote interprocess communication for distributed computing. Advanced Internet sockets and Remote Procedure Call (RPC). Group communication paradigms. Multicasting. Distributed load balancing of servers. Distributed mutual exclusion of processes. Leader election in distributed systems. Distributed anycast computing. Concepts and notions of Peer-to-Peer (P2P) and grid distributed computing. Some architectures and packages for the organization of P2P distributed data processing.

MIS604 Network Science: Theory and Applications

This course will introduce doctoral students to quantitative methods in network science used to model, analyze, and understand various complex systems and the unique interactions among their components. Topics to be covered include the mathematics of networks (graph theory), data analysis, and applications to technology, business, and other relevant fields. Students will learn about ongoing research in the field, and ultimately apply their knowledge to conduct their own analysis of a large real world complex system and corresponding dataset(s) of their choosing as part of the final research paper. Student will learn fundamental network theory including, properties of networks, measures and metrics such as centrality, transitivity, reciprocity, homophily, and others. Student will cover concepts such as small-world effects, modularity, degree distributions, and assortative mixing. Algorithms on graphs including traversals, and graph partitioning will be explained. Student will study random graphs models together with graph clustering methods, small and giant components, power-law distribution, and others. Student will also study the concepts of percolation and network reliance, epidemics, and dynamic systems as well as signed networks. Students at the end of the system will have gained knowledge to analyze complex systems by modeling interactions among the components as a network. Students will also learn to analyze these networks by implementing and using various algorithms and visualizing the results of the algorithms and ultimately integrating networks with prediction models. The course is expected to use Python, GEPHI, and SNAP to construct and analyze large datasets using network science.

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EĞİTİM YÖNETİMİ VE DENETİMİ

(Eğitim Dili: Türkçe)

Program 7 ders (21 kredi), seminer (kredisiz), doktora yeterlik sınavı, doktora tez önerisi, tez çalışması ve hazırlanan tezin jüri önünde savunulmasından oluşmaktadır. Derslerin ve seminerin tamamlanması için iki yıl, tez çalışması için iki yıl olmak üzere programın normal süresi dört yıldır.

MÜFREDAT

I. YARIYIL (GÜZ)					II. YARIYIL (BAHAR)				
Dersin Kodu	Dersin Adı	T	P	C	Dersin Kodu	Dersin Adı	T	P	C
EYD601	İleri Araştırma Teknikleri	3	0	3	EYD602	İleri İstatistik	3	0	3
EYD610	Eğitim Politikaları ve Uygulamaları	3	0	3	SBK623	Örgüt Kuramı	3	0	3
EYD604	Eğitim Yönetiminde Yasal Temeller ve Analizi	3	0	3	SBK629	Yönetim Teori ve Pratiği	3	0	3
<i>İLT611 Küreselleşme ve Kültürel Dönüşümler (3-0)3 (ortak ders)</i>									
<i>Toplam: 21 kredi</i>									

III. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
EYD622	Seminer (Kredisiz)	0	0	0
Toplam				0

IV. YARIYIL

Dersin Kodu	Dersin Adı	T	P	C
EYD650	Doktora Yeterlik Sınavı (Kredisiz)	0	0	0
Toplam				0

V, VI, VII ve VIII. YARIYILLAR

EYD630	Tez (Kredisiz)	0	0	0
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Ders İçerikleri

EYD601 İleri Araştırma Teknikleri

Sosyal Bilimlerde Araştırma, Araştırma Tasarımı, Veri Toplama ve Analizi, Verilerin Özetlenmesi, Hipotez Testleri, güven aralıkları, ANOVA Analizi, Çok Yönlü ANOVA Analizi, Korelasyon ve Regresyon Analizi, Çoklu Regresyon Analizi Örnek Uygulamalar ve rapor yazma

EYD610 Eğitim Politikaları ve Uygulamaları

Eğitim politika ilişkisi. Türk ve dünya eğitiminde tarihsel süre içerisinde geliştirilen temel politikaların incelenmesi. Türk eğitim düzeninin tarihî perspektifi içinde eleştirel bir biçimde incelenmesi. Okul ve yetişkin eğitimiyle ilişkili uygulamaları etkileyen toplumsal-siyasî-iktisadî şartlar ve ihtiyaçlar. Okul örgütlenmesi, yönetimi, öğretim programları ve öğrenci hizmetleri konularında geliştirilen politikaların incelenmesi.

EYD 604 Eğitim Yönetiminde Yasal Temeller ve Analizi

Temel hukuk bilgileri; toplumsal yaşamı düzenleyen kurallar; yönetim metni kavramı ve yönetim metinlerinin yapılışı, eğitim ve hukuk kavramları, birbirlerine etkileri ve ilişkileri; eğitim kurum ve kuruluşlarının hukuki sorumlulukları, eğitimle ilgili yönetim metinleri ve yorumlanması; eğitim yönetiminde yasal temeller ve analizi.

İLT 611 Küreselleşme ve Kültürel Dönüşümler

Bu derste, küreselleşme kavramı farklı bakış açıları ve eleştiriler temel alınarak irdelenecek, küreselleşmenin ekonomik, siyasal, kültürel ve ideolojik boyutları ile bu boyutların şekillenmesinde uluslar arası örgütlenmelerin etkisi tartışılacaktır. Ayrıca, disiplinlerarası bir alan olan kültür ve kuramlarının benimsenmesi, kültürel dönüşüm dinamiklerinin bu kuramlar çerçevesinde ele alınması amaçlanmaktadır.

EYD 602 İleri İstatistik

Veri analiz tekniklerini anlayabilmek ve uygun bir şekilde kullanabilmek; veri analizi için gerekli bilgisayar programlarını çalıştırabilmek, analiz sonuçlarını yorumlayabilmek ve sonuçları özetleyebilmek.

SBK623 Örgüt Kuramı

Ders, modern bürokrasinin oluşma süreci ve bu aşamada ortaya çıkan kuramların açıklanması ile başlamaktadır. Ardından, modern bürokrasilerin işleyişi, organizasyon-çevre ilişkilerine değinilecektir. Ardından, organizasyonlar mikro düzeyde incelenecektir. Organizasyonlarda davranış ve yapılanma, organizasyon kültürü, organizasyon modelleri, kurumlar sosyolojisi ve yasal düzenlemelerin ötesinde kurumların işleyişi, organizasyonlarda çatışma ve güç kavramları, organizasyonlarda güdülenme ve liderlik kuramları, aktörlerin kurumsal düzen içinde özerkliği ve yeni örgüt modelleri temel başlıkları oluşturmaktadır.

SBK629 Yönetim Teori ve Pratiği

İşletme ve Yönetimin Temel Kavramları, Amaçları ve Çevre ile İlişkileri: Temel kavramlar, İşletmenin amaçları, Ekonomik yapı içindeki yeri, Yönetici ve girişimci arasındaki fark; İşletmelerin Sınıflandırılması: Büyüklük, Mülkiyet, Hukuki yapı vb. açısından sınıflandırma; İşletmelerin Kuruluş Çalışmaları, Büyüklüğü ve Kapasitesi: Kuruluş aşamaları, Yer seçimi, Büyüklüğünün belirlenmesi, Kapasite; İşletme Fonksiyonları: Yönetim, Organizasyon, Kontrol, Planlama; Organizasyonun İşleyişi: Liderlik ve yönetim, Stratejik yönetim, Değişim, Gruplar, Motivasyon.

EYD622 Seminer

Öğrencileri seçilen veya verilen bir konuda literatür araştırması yapabilecek bir şekilde yönlendirmek, literatür araştırması sonucunda detaylı bir rapor hazırlamak ve dinleyici bir topluluğun önünde sunabilmelerini sağlamaktır. Seminer dersi kredi derslerinin tamamlanmasından sonra verilmektedir. Dönem sonunda başarılı veya başarısız olarak değerlendirilir.

EYD630 Tez

Tez orijinal olmalı ve öğrencinin araştırma ve analiz yeteneğini ortaya koymalıdır. Ayrıca, pratik uygulama konuları tez kapsamında ele alınmalıdır. Tez danışmanı ve öğrenci arasında tez konusu belirlenebilir. Tez öğrenci tarafından jüri önünde savunulmaktadır.. Tez başarılı veya başarısız olarak değerlendirilebilir.