GUIDE BOOK OF INSTITUTE OF SOCIAL SCIENCES
BAŞKENT UNIVERSITY

MESSAGE FROM THE UNIVERSITY PRESIDENT

Başkent University, the first foundation university to teach health sciences in Turkey, was founded in 1993 with the cooperation of the Turkish Organ Transplant and Burns Treatment Foundation and the Haberal Educational Foundation. Through determined efforts, self-sacrifice, and confidence in our abilities, we have made impressive progress in a short period of time. The construction of the buildings began on campus in 1995, and many other facilities have been added since then. Today, Başkent University administers a Faculty of Medicine and 10 other faculties, 7 institutes, 3 vocational schools, 8 hospitals and 14 dialysis centers, and 2 colleges. It has campuses and health facilities in cities throughout the country, and also runs 2 hotels. Our high-technology medical equipment, significant contributions to research, and dynamic academic staff have made Başkent University a successful higher education institution. The aim is to prepare students for professional life as broad-minded, competitive, modern and successful individuals who have a strong sense of team spirit. In addition to the competent graduate programs, there are challenging post-graduate programs in all areas of the University academic degrees. I, on behalf of Başkent University family, would like to welcome you who have chosen to take place in this team and wish you good luck with your studies as well as with the new cultural experiences and friends you are sure to make.

Mehmet A. Haberal, MD, FACS
President
POST GRADUATE PROGRAMS IN TURKISH HIGHER EDUCATION SYSTEM

The Higher Education System is regulated by the Council of Higher Education (Yüksek Öğretim Kurulu-YÖK). Established in 1981, the Council regulates the activities of higher education institutions with respect to research, governing, planning and organization.

Graduate-level programs consist of masters and doctoral programs, coordinated by graduate schools and institutes. Master's programs are specified as programs "with thesis" or "without thesis". Programs "without thesis" require completion of more graduate courses and a term project. The duration of these programs is a minimum of two years. In general, attending to doctoral programs requires a master's degree, unless the students' performance at Bachelor's degree is evaluated as exceptionally well. Doctoral programs have duration of a minimum of four years which consists of completion of courses, passing a doctoral qualifying examination, and preparing and defending a doctoral dissertation. Medical specialization programs are equivalent to doctoral level programs and carried out within the faculties of medical schools with hospitals.

INTRODUCING BAŞKENT UNIVERSITY

In response to Turkey's need for high quality institutions of higher education, the Organ Transplant and Burns Treatment Foundation, which has been in operation since 1980, made the decision to turn its existing complexes into a university. In 1993, procedures were begun to establish Başkent University, with the aid of the Haberal Educational Foundation. In accordance with Article 3961 of the Legal Code, the University was officially founded on January 13, 1994. The main objective is to build an academic institution that will ultimately be a full-fledged and internationally prominent university. In the 1995-1996 academic years, Başkent University moved to its new Campus at Bağlıca, located 20 km. west of the center of Ankara, on the main highway to Eskişehir. The language of education at Başkent University is Turkish in all but the English Language Department and the Department of American Culture and Literature. The English Language Department offers instruction in academic and occupational English, which is a mandatory part of the curriculum. The aim of the University is to educate a generation of young people who have incorporated into their lives cultural and historical values. The graduates are successful in the professional and business world, and are open to competition. They are sensitive to national and international issues, are dynamic and inquisitive, and are knowledgeable in the areas of health, humanities, environment, industry, trade, and technology. Currently, the university's enrolment includes 324 associate students, 4,052 undergraduate students and 217 graduate students. Başkent University has been awarded a Total Quality System Certificate and respectively, our education principles are designed in line with these total quality standards.

BAĞLICA CAMPUS

The campus, located 20 km west of the city center, on the main highway to Eskişehir, is built on 681 acres of land 148 acres of which is used for construction purposes. Vocational, undergraduate and graduate programs are run on the premises of Bağlıca Campus. To meet the expanding needs of the University, construction has continued throughout the years since the admission of the first students. The annual construction program is prepared according to the programmes account and student quotas.
Apart from the buildings which house administrative offices, faculties, schools and vocational schools. There are dormitories, social facilities buildings, an amphitheatre, a sports center, indoor and outdoor tennis courts, football and athletics fields, food facilities and technical support units on campus.

LIBRARY

The Başkent University Library collections are housed at the center of the Campus. The library aims to support Başkent University's education programs, meets the information needs of its students, academic and administrative staff and also the users from other universities. These services are important in terms of supporting educational activities and scientific research at all levels. The library has three sections for periodicals, references and books which are arranged by subject on open shelves. It has also subscriptions to several online databases. A database program called BLISS Library Automation can be used for online searching for Başkent University Library. Başkent University collections have been organized by Library of Congress Classification System. Collections on Medicine are classified according to the Library of Medicine Scheme.

Access to Electronic Networks

- Blackwell-Synergy
- EBSCOHOST
- Academic Search Premier
- Business Source Premier
- ERIC
- Regional Business News
- Elsevier Science Direct
- Oxford University Pres
- Proquest Full text and Full Image Medical Package
- IEEE/IEE Electronic Library
- Science Citation Index
- Social Science Citation Index
- Springer-Link
- Swets wise
- Willey InterScience
- Emerald Full text Electronic Networks
- OVID-Lippincott Williams and Wilkins

The Library also has a project called "Law Database" which obtains sources in this field to all users. In the year 1999 the web page of the library was created and the catalog has been accessible on the internet since September 1999. Başkent University publishes journals as listed below:

Journals:

- Dialysis, Transplantation and Burn
- Experimental and Clinical Transplantation
- Bütün Dünya
- Journal of Management Research

PSYCHOLOGICAL COUNSELLING AND GUIDANCE CENTER
The purpose of Psychological Counseling and Guidance Center is to help students to mobilize their resources, to solve their personal, social and academic problems and to enhance them to be independent individuals having high emotional intellectual social skills whole individual emotionally, intellectually and socially. The specific services offered by the center include individual counseling, group counseling and workshops.

HUMAN RESOURCES and CAREER PLANNING CENTER
The center assists students in making well-informed decisions in planning their future careers.

Activities include:
- Taking part in student orientation programs
- Conducting a detailed statistical survey on graduates
- Organizing a series of Career Days
- Establishing links between graduates
- Preparing CV catalogs
- Assisting students in finding a company to do their summer apprenticeships

TRANSPORTATION

There are buses running between the city and Bağlica Campus every hour from 7:30 a.m. to 11:00 p.m. on weekdays, and until 01:00 a.m. on the weekends. Transportation is free of charge.

SOCIAL AND CULTURAL ACTIVITIES

Education commenced on the Campus in 1995. We have a dynamic Campus, promoting an ideal atmosphere designed to meet students' needs, which is also close to the city. Besides sponsoring departmental academic activities such as lectures, conferences, symposiums, and seminars organized and hosted by the University. Social and cultural activities office is also responsible for students sports, social and cultural events, and guidance. Sports facilities include volleyball, basketball, table tennis, billiards, chess, handball, and outdoor soccer. In addition, training courses in aerobics and conditioning are offered. The location of the campus provides outdoor facilities such as walking, jogging, and training in natural surroundings. On the campus, there are outdoor courts for tennis and basketball, several sports venues; football field, tennis courts and a full-equipped sports center. Başkent University sports center carries out the following activities in order to enable our students to maintain and improve their physical health, gain regular and disciplined study habits and to deal with many kinds of sports activities they are interested in.

The Courses Offered:
- Aerobics, Step
- Tennis
- Wing T-sun
- Yoga
- Capoeira
- Aikido

Tournaments Organized:
The Billiard Tournament
Table Tennis Tournament
Chess Tournament
3+1 Volleyball Tournament
5x5 Basketball Tournament
Soccer Tournament

CULTURAL SERVICES:
The unit aims to equip students with leisure activities and help them acquire new recreational habits. There are 44 student groups, out of which 24 are for vocational and 20 for social purposes set up in compliance with The Regulations to be abided by the Student Groups of Başkent University.

Choruses, Courses
- Turkish Folk Music Chorus
- Turkish Classical Music Chorus
- Wood Painting Course
- Bağlama Course
- Guitar Course
- Photography Course

Socially Oriented Groups
- The Society of Atatürk’s Thought
- European Youth and Education Group
- Science Fiction, Fantasy and RPG Group
- Literature Group
- Photography Group
- Journalism Group
- Excursion Group
- Guitar and Music Group
- Folk Dances Group
- Camping and Nature Sports Group
- Radio Group
- Drawing Group
- Rock Culture Group
- Performing Arts Group
- Chess Group
- Cinema Group
- Underwater Group
- Poetry Group
- History Group
- TED Graduates Group
- Modern Life Group
- Go Group
- Motors’ Sports Group
- Aviation Group

Vocationally Oriented Groups
ATATÜRK’S MUSEUM
A most valuable collection of Atatürk's photographs was donated to the University by Mr. Abdürrahim Tuncak - Atatürk's adopted son – on November 10, 1996. Besides the photographs, some of Atatürk's personal belongings and attire were also donated.

FOOD FACILITIES
Başkent University Bağlıca Campus has a variety of catering facilities offering food at competitive prices. These include cafeterias and restaurants in the main buildings as well as in the dormitory complex.

- In English Language Department a cafeteria for 500 people and a canteen.
- In Faculty of Medicine a cafeteria for 700 people, and a canteen
- In Social Facility Building a restaurant for 300 people, a fast food cafeteria for 250 people, a pastry shop for 50 people and a cafeteria
- In Student Club House a canteen and a cafeteria for 500 people.

COMPUTER CENTER
The aim of the Computer Center is to make our students as well as the academic and administrative staff benefit from all the advantages of computer technology. The Center provides a high quality service to the health, academic, research, and management units of the university, using gigabyte Ethernet technology. Students can work on projects and other academic work in the computer labs, which are open between 9:00 a.m. and 9:00 p.m. everyday. The center has 13 computer labs and 1 multimedia lab, each of which is equipped with 30 personal computers and audio-visual aids. All computers are connected to the internet through 16 Mbit speed via Ulaknet. At the Bağlıca Campus, the internet, e-mail, online research, and other electronic educational-instructional services are provided through 11 servers. Students' academic records are processed and held electronically. The Hospital Information Management System works through the Wide Area Network (WAN) which connects the hospitals in Ankara, Alanya, Adana, Konya, İzmir and İstanbul. This provides round-the-clock support to 1000 users through 552 work
stations. Our medical doctors have access to current medical research through medical databases. In addition, software and hardware support services are available for educational and seminar activities.

**STUDENT HOUSING**

Dormitories provide on-campus housing for students studying at Başkent University. In order to facilitate the lives of the students of Başkent University staying at dorms during their education, a bunk bed, a wardrobe, a study table and a bookcase are available in the rooms. The student dormitory has a capacity of 500 beds, eight of which are for disabled students. Rooms are single or double. Also, there are rooms for ironing, watching TV, studying. Hot water is available for 24 hours a day and the number of bathrooms and the toilets are proportional to that of the students. There are ATM, laundry, parking areas, sporting fields and buffets and canteens around the dorms. Floors are carpeted, and each room has its own bathroom. Every floor has laundry rooms and two study halls, one of which offers television-watching facility. The building complex contains a library, two common rooms, a cafeteria, a restaurant, an automatic telephone machine, an ATM, an internet cafe, billiard parlors, shops, and a hairdresser.

**HEALTH SERVICES**

Başkent University Health Center provides service to the University's students and personnel. There are 4 doctors, 1 psychiatrist, 1 dentist, 3 nurses, and 1 dental technician working in the center. The center is open 24 hours a day, 7 days a week. Students and academic staff may use the University's Student Health Center and/or the University Hospital. Initial medical care and emergency services are free of charge. Cost of initial prescriptions is also covered by the University. Erasmus students have to bring an official document of their international insurance in their country or university.

**VISA**

All international students are required to obtain a student visa from the Turkish Consulate serving in their country. A residence permit should be obtained by application to the local authorities within one month of a student's arrival at Başkent University. It is strongly advised that international students apply for their student visas at least 8 weeks in advance of their departures for Turkey.

**CITY OF ANKARA**

Area: 30.715 km²  
Traffic Code: 06  
The history of Ankara and its surroundings stretches back to the Hatt civilization of the Bronze Age. Two thousand years before the time of Jesus, the Hittites become the dominant power of the region, and were then followed by the Phrygians, Lydians and Persians. In the 3rd Century BC, a Celtic race known as the Galatians made Ankara their capital city. The name Ankara comes from the word 'Ancyra', which means 'anchor.' Ankara gained prominence under the leadership of Atatürk during the national resistance which followed World War I. It was declared the capital of the new Turkish Republic on October 13th, 1923 when the National War of Independence freed Turkey from foreign occupation. Occupying one of the most prominent parts of the city is Anıtkabir, the magnificent mausoleum constructed to commemorate Atatürk. This structure, which was completed in 1953, is a synthesis of antique and modern architectural themes, and proves the elegance and strength of Turkish architecture. The oldest parts of the city surround the Castle. The Alaaddin Mosque found inside its walls is still one of the best examples of Selçuk art and wood craftsmanship, in spite of the fact that it was restored by the Ottomans. The area has experienced
a rejuvenation with the restoration of many interesting old Turkish houses, and the opening a several art
galleries and fine restaurants which feature examples of traditional Turkish cuisine. Near the gate of the
castle is the Museum of Anatolian Civilizations, which is a beautifully restored portion of the old bazaar. It
contains priceless artifacts belonging to the Paleolithic and Neolithic eras as well as the Hattic, Hittite,
Phrygian, Urartu and Roman civilizations. Ankara has a vibrant cultural and artistic life with many select
ballet, theatre, opera and folk dance performances. The city's Philharmonic Orchestra, which always
plays to a packed house, is especially famous.

**IMPORTANT WEB ADDRESSES**

- Information about Ba obsolete University
  http://www.baskent.edu.tr
  http://www.baskent.edu.tr/english/
- Information about Turkey/Ankara
  http://goturkey.kultur.gov.tr
- National Agency of Turkey
  http://www.ua.gov.tr
- Information about obtaining a Residence Permit
  http://www.ankaraemniyet.gov.tr
- Baskent University
  “Welcome Guide For Exchange Students”

**CONTACT**

**International Relations Coordination Office**
Tel: +90 312 234 10 10-2112
Fax: +90 312 234 10 43
E-mail: uik@baskent.edu.tr
Address: International Relations Coordination Office
Bağlıca Campus
Eskişehir Yolu 20.km.
06530
Ankara/TURKEY
INSTITUTE OF SOCIAL SCIENCES

POST-GRADUATE DEGREE PROGRAMS AT MASTER LEVEL:

- Master of Business Administration (MBA) Program,
- Health Care Management Program (M.Sc.),
- Economics (M.Sc.)

POST-GRADUATE DEGREE PROGRAMS AT DOCTORATE LEVEL:

- Management and Organization (Ph.D.)
- Accounting and Finance (Ph.D.)

GENERAL QUALITIES OF PROGRAMS

The following aspects of education are emphasized in all programs of the Social Sciences Institute.

Flexibility; Offering night classes and part-time education opportunities to working students.

Leadership; Encouraging development of the student's personal and leadership potential by fostering attitudes of life long learning, social and ethical responsibility.

Research; Contributing to the effectiveness of the academic delivery process through faculty and student research.

Collaboration; enhancing the effectiveness of programs through active participation of faculty and students in all activities.

TEACHING METHODOLOGY OF CURRICULA

All programs will use a combination of readings, case studies, lectures, and group research projects conducted by the students. The primary focus of the teaching methodology will be on students working in teams to develop the strategic analysis of a business of their choice.

All curricula are varied and flexible. We look retrospectively at different management and economics situations through cases, use analytical tools to model new possibilities, and create innovative solutions through collaborative projects, lecture and discussion, hands-on project work, and intense interaction with industry leaders and centers of practice. This variety of approaches to learning gives our students the widest possible range of tools for analysis, problem solving, and leadership.

ADMISSION REQUIREMENTS FOR MASTER PROGRAMS

1. Good academic record in undergraduate education
2. Proficiency in English demonstrated by passing the University English Proficiency Examination, or by achieving the minimum required TOEFL Examination score (500 or 173 in CBT)
3. LES Score (minimum 45), GRE, GMAT scores (minimum 500 in verbal and qualitative)
4. Applicant’s Curriculum Vitae
5. Two letters of recommendation
6. Letter of intent

ADMISSION REQUIREMENTS FOR Ph.D. PROGRAMS

1. Good academic record in Master degree
2. Proficiency in English demonstrated by passing the University English Proficiency Examination, or by achieving the minimum required TOEFL Examination score (550 or 213 in CBT)
3. LES Score (minimum 45), GRE, GMAT scores (minimum 500 in verbal and qualitative)
4. Applicant’s Curriculum Vitae
5. Three letters of recommendation
6. Letter of intent

ACCREDITATION OF DEGREES

The Higher Education Council sets the procedures for equating diplomas received by foreign nationals. The necessary information could be found at the following address:

www.yok.gov.tr/denklik/yabanci_uyruklu.htm

APPLICATIONS

The university catalogue and graduate admission application form can be requested by the department via e-mail or mail.

The deadline for submitting admissions for the fall semester of the academic year in mid August, for the spring semester in mid January.

Students who can not meet the requirements may conditionally be accepted as special student.

LANGUAGE REQUIREMENTS:

English in first year (2 semesters) and Turkish in the rest of the programs would be applied. Students would be required to learn Turkish through private language courses. The Turkish Teaching Center (TÖMER) is the best known and widespread language course in Turkey, arranges rapid courses.

TUITION FEES
Currently 11.000 YTL for each year, payable in two installments, at the beginning of each semester.

CONTACT:

Institute of Social Sciences

Adress: Başkent Üniversitesi, Bağlica Kampusu 20.km Eskişehir Yolu 06530 Etimesgut / ANKARA
MASTER PROGRAMS

MASTER OF BUSINESS ADMINISTRATION (MBA)

OBJECTIVE OF THE PROGRAM

In this program you will learn solid management concepts you can use immediately. The curriculum emphasizes the practical skills and concepts businesses demand from management professionals and blends management theory with real-world applications.

This program is focused on providing the participants with the essential entrepreneurial and managerial skills and insights required for succeeding in today’s competitive global business environment. Toward the achievement of this objective, the program aims at preparing students as top managers who make significant contributions in virtually every sphere of management and business including both public and private. By focusing on field-based, problem-focused research through lectures, seminars, the case method and project work with the help of competent professors and practitioners, the program offers an education in business that has tremendous power in practice.

The mission of the MBA faculty is to develop and maintain a Masters of Business Administration Program that provides you with the values, knowledge, and skills you need to impact your business world. Special emphasis has been given throughout our program to the globalization of business and the ever increasing role of information technology in the workplace.

CAREER OPPORTUNITIES

Earning a Masters of Business Administration (MBA) degree, can provide you with management skills and business expertise that open new career opportunities to you. If you are working in business and are looking to move up the ladder or to move from your current area of expertise to a new one, an MBA program can help you achieve your goals. An MBA program will also launch you into the much higher pay range that upper level managers and executives enjoy. Furthermore, in the high-level positions an MBA degree will allow you to hold, your work will often be more interesting and rewarding.

In addition, this MBA Program offers a range of benefits for the successful applicant, including:

Business Knowledge: The MBA program and business schools give you valuable knowledge about business and all its related aspects. You learn about business strategies and concepts, not just on paper, but the training and internship required in an MBA course, teaches you how to use these skills in practical life and in day to day business operations.
**Leadership Abilities:** An MBA degree involves rigorous training, assignments, reports, presentations, and group projects, all of which give you the necessary abilities to handle real-life business situations. This helps to set you apart from those who do not have such expertise and can make you a leader in your chosen field.

**Networking:** The alliances that you form with your classmates and the network that you create is deemed as one of the most important and valuable things that an MBA program can give you. MBA graduates have often felt that the associations formed during the MBA course are resources that are invaluable and can be drawn upon for years after the MBA degree has been achieved.

**FACULTY**

Prof. Dr. Doğan TUNCER  
Ph.D., Marketing, Dijon University.  
Director of Institute of Social Sciences

Prof. Dr. Abdulkadir VAROĞLU  
Ph.D., Management and Organization, Ankara University  
Assistant Director

Prof. Dr. Nalan AKDOĞAN  

Prof. Dr. Doğan Yaşar AYHAN  
Ph.D., Marketing, Dijon University.

Prof.Dr. Z. Erinç BÖGE  

Prof. Dr. İsmail ERDEM  

Prof. Dr. A. Selami SARGUT  
Ph.D., Management and Organization Theory, Ankara Academy of Economic and Commercial Sciences.

Prof. Dr. Mehmet SAYARI  
Ph.D., Accounting, Ankara Academy of Economic and Commercial Sciences.

Prof. Dr. Orhan SEVİLENGÜL  
Ph.D., Accounting, Ankara Academy of Economic and Commercial Sciences.

Prof. Dr. M.Tamer MÜFTÜOĞLU  
Ph.D., Production, Ankara University

Prof. Dr. M. Selçuk USLU  
Ph.D., Accounting, Ankara Academy of Economic and Commercial Sciences.
Prof. Dr. Sevinç ÜRETEN  
Ph.D., Production, Gazi University.

Assoc. Prof. Şükrü ÖZEN  
Ph.D., Management and Organization Theory, Gazi University.

Asst. Prof. Zeliha ESER  
Ph.D., Tourism and Hotel Management, Anadolu University.

Asst. Prof. Doğan KÖKDEMİR  
Ph.D., Social Psychology, Ankara University.

Asst. Prof. Özgür Özmen UYSAL  
Ph.D., Tourism and Hotel Management, Anadolu University.

Asst. Prof. Güray KÜÇÜKKOCAOĞLU  
Ph.D., Business Administration, Ankara University.

Ayhan ALGÜNER  
Ph.D., Business Administration, Ankara University.

H. Kemal İLTER  
Ph.D., Quantitative Methods, Gazi University.

Ayşe Elif ŞENGÜN UZUN  
Ph.D. Management and Organization, METU
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<th>Credits</th>
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<tr>
<td>ECON 501</td>
<td></td>
<td>Introduction to Economics</td>
<td>3</td>
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<tr>
<td>MAN 521</td>
<td></td>
<td>Principles of Accounting</td>
<td>3</td>
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<tr>
<td>MAN 541</td>
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<td>Research Methods</td>
<td>3</td>
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<td>MAN 561</td>
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<td>Contemporary Management Theories</td>
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<tbody>
<tr>
<td>MAN 512</td>
<td></td>
<td>Financial Management</td>
<td>3</td>
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<td>MAN 532</td>
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<td>Marketing</td>
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<td>MAN 542</td>
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<td>Quantitative Methods</td>
<td>3</td>
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<td>MAN 544</td>
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<td>Statistics</td>
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<td>MAN 563</td>
<td></td>
<td>Strategic Management</td>
<td>3</td>
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<tr>
<td>MAN 567</td>
<td></td>
<td>Organizational Behavior</td>
<td>3</td>
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<td>Elective</td>
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<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAN 524</td>
<td></td>
<td>Managerial Accounting</td>
<td>3</td>
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<td>Elective</td>
<td>3</td>
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<td></td>
<td></td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>MAN 508</td>
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<td>Project (No credit)</td>
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**COURSE DESCRIPTIONS**

**MUST COURSES**

**ECON 501 Introduction to Economics**
This course focuses on the nature of economics, interaction between supply, demand and price, and the behavior of consumers and producers (firms). The subject matter involves macroeconomic policies, national income, fiscal and monetary policies and international economics.

**MAN 521 Principles of Accounting**
This course focuses on the study of accounting practices as a basic tool used in the creation, allocation, and disposal of funds. The major aim is to emphasize the role of principles of accounting in aiding the evaluation of financial statements and facilitating managerial decision making.

**MAN 541 Research Methods**
This course focuses on conducting research which, in a simple terminology, is to ask questions and to wonder about "things" around us. The purpose of the course is to stimulate critical thinking with an emphasis on both qualitative and quantitative methods. Research questions and application will be
focused on management related issues but they may also include examples from social sciences in general, the major aim being to read and do research. Doing research means using critical thinking skills powered by technical knowledge to read and understand published data. It not only involves numerical calculations but also application of sound methods to real-world problems.

**MAN 561 Contemporary Management Theories**
This course focuses on comparisons of organization/management theories and perspectives like the structural contingency, resource dependency, transaction cost economics, institutional theory, and organizational ecology on the basis of organizational dimensions such as task environment, structure, strategy, technology, and culture. In addition, organizational and managerial characteristics of the Turkish context are discussed in the light of the contemporary theories and perspectives.

**MAN 512 Corporate Finance**
This course focuses on various aspects of the typical corporation from a financial management standpoint. Topics of study include stock valuation, risk analysis, capital structure, dividend policy, time value of money, financial planning and capital budgeting with an emphasis on the current developments in the finance literature and practice.

**MAN 532 Marketing Management**
This course focuses on the planning and execution process in the conception, pricing, promotion and distribution of ideas, goods and services to create exchanges that help achieve individual and organizational goals.

**MAN 542 Quantitative Methods**
This course focuses on a study of Management Science (MS) approaches. Students will gain an understanding of modeling and rational approaches to decision making and their contribution to organizational effectiveness. Real-world applications are emphasized through the use of case studies. Topics include network models, project scheduling, queuing models, simulation and dynamic programming applied to tactical and strategic business decisions in functional areas. Software packages will be used for application of decision models to managerial problems.

**MAN 544 Statistics**
This course focuses on a study of the basic philosophy of statistics: Frequency distributions, graphical descriptions of data, numerical descriptive statistics, probability: Laws of probability, counting techniques, random variables: Probability distributions of some discrete and continuous random variables, Moments of distributions: Law of large numbers, sampling distributions, the central limit theorem, Statistical inference: Estimation of parameters, tests of hypotheses, goodness of fit and test of homogeneity, simple and multiple linear regression, and model selection procedures.

**MAN 563 Strategic Management**
This course focuses on the need and the ways of integrating operations in different functions of the firm in a dynamic and rapidly changing environment. Topics of study involve growth and renewal processes, development strategies and structures, strategic analysis, formulation and implementation phases.

**MAN 567 Organizational Behavior Development**
This course focuses on individual behavior in organizations and the networks of relationships within which the individual is involved in the work environment. The course emphasizes the improvement of managerial and organizational skills of students. It is the responsibility of the students to keep up with the theoretical background and supplementary readings.
MAN 524 Managerial Accounting
This course focuses on the cost terms concepts, cost-volume-profit relationships, master budget, standard cost, flexible budgets, full and variable costing, special management decisions and segment reporting.

MAN 508 Masters’ Project
Students prepare a research project with a faculty member (advisor) to be submitted at the end of the fourth semester based on the theoretical knowledge gained from the courses. Advisor approval is needed for starting the project work.

ELECTIVE COURSES

ECON 503 Managerial Economics
This course focuses on consumer and producer behavior, markets, price determination, public intervention, adjustment and antitrust policies, risk analysis, and long-term investment decisions.

MAN 504 Business Law
This course focuses on the basic principles of business law, the employer–employee relationships, union and contract law, strikes, lock-outs, and the peaceful resolution of business conflicts.

MAN 506 Turkish Tax System
This course focuses on the meaning and subject matter of tax law, its place in the general system of law, its characteristics, relationships with other branches of law, the parties to it, tax crimes and punishments, and income and corporate tax.

ECON 582 Public Finance
This course focuses on taxes, expenditures, budgets, Turkish finance policies, and their impact on the economy as a whole.

ECON 507 Contemporary Developments in the World Economy and Turkey
This course focuses on the analysis of topics such as the historical perspective of globalization since 1400s, global spread of capitalism, historical origins and perpetuation of underdevelopment, the destruction of traditional societies and its environmental impact, socioeconomic structures and political institutions in developed and developing countries with an emphasis on relationships with industrialized power centers.

MAN 513 Investment Analysis and Portfolio Management
This course focuses on a study of money and capital markets with an emphasis on operations and financial instruments, the ISE (Istanbul Stock Exchange), brokerage houses, stock markets, settlement and custody financial analysis.

MAN 514 Current Financial Instruments
This course focuses on the characteristics, structure, pricing and accounting of financial instruments for the futures markets.

**MAN 515 Money and Capital Markets**
This course focuses on an in-depth analysis of money and capital markets. The subject matter of the course includes structure and functions of financial markets, interest rates, bond markets and bond valuation, stock markets and stock valuation, types of risk and return, derivatives markets, and international financial operations.

**MAN 516 International Finance**
This course focuses on international banking and finance as it relates to international trade and the multinational corporation, and the financing of imports and exports. The aim is to introduce students to foreign exchange markets, and understand exchange rate determination theories, forecasting and international trade financing. The second part of the course involves the study of various aspects of financial management for multinational corporations.

**MAN 523 Cost Accounting**
This course focuses on the various costing principles, expenses and their relationships with products and services, cost accounting and reporting methods, expenses control, and the use of cost information in managerial planning and decision making.

**MAN 526 Financial Statement Analysis**
This course mainly focuses on the content of financial statements and their preparation process which comprise the major information requirements of the interested parties (namely partners, creditors, managers, and the others) who are in need of accounting information. The course also involves an overview of the financial analysis techniques.

**MAN 517 Project Evaluation**
This course focuses on developing an integrative perspective for project preparation and evaluation. In this respect, it involves the basic concepts of project management, and the economic, financial, technical, and legislative aspects of project preparation and decision making. Various project management applications are reviewed from the theoretical perspectives of both accounting and finance.

**MAN 533 Services Marketing**
This course focuses on services marketing, positioning of services, services market quality and globalization of services, strategic planning of new services and their implementation methods. An evaluation of opportunities, restrictions and competition in services marketing are discussed.

**MAN 534 Consumer Behavior**
This course focuses on the nature of consumer behavior and the elements determining the basic characteristics of this behavior. Topics of study include senses, perceptions, attitudes, the self, life styles, information search, types of decision making, and consumer subcultures.

**MAN 535 Marketing Planning**
This course focuses on a blend of business and marketing strategy with an overview of strategic planning as it relates to the marketing planning process. The course concentrates on the identification and analysis of business units and development of unit based strategic marketing plans.
MAN 536 International Marketing
This course focuses on basic international marketing concepts, international trade and economics theories, market entry methods in global markets, integration, international environment, decisions related to product, price, distribution and promotion and types of delivery and payment.

MAN 538 Marketing Research
This course focuses on the benefits of Marketing Research in corporate decision making, identification of the research problem, the research process, and the use of statistical techniques and the SPSS package in marketing research applications.

MAN 546 Management Information Systems
This course focuses on the critical organizational issues concerning the management information systems (MIS) function. Students are exposed to important technical topics related to computer hardware and software. The types of computer-based applications used at different levels of organizations are analyzed. The course provides an overview of information systems in the business world with an emphasis on how information technology is used to create competitive firms, manage global organizations, and provide useful products and services to customers. Topics include hardware, software, databases, telecommunication systems, development of information systems, and the social and ethical issues involved.

MAN 551 Production and Operations Management
This course focuses on the impact of strategic and operational decisions on competitive advantage, quality, cost, flexibility, speed, and productivity in both manufacturing and service firms. There is special emphasis on the technological and methodological developments that have important effects on the firm’s production function. Quantitative decision model applications will be used to illustrate corporate production and service decisions.

MAN 565 Human Resources Management
This course focuses on the difference between the notions of Personnel Management and HRM, the place of the HR function on the organizational chart and its organizing, HR function in MNCs, job analysis, job descriptions, strategic approach to HR, HRP, recruitment, selection, orientation, T&D, career management, performance management, compensation administration, health & safety programs.

MAN 566 Total Quality Management
This course focuses on the basic principles of total quality management. The aim is to apply these principles in class with the participation of students to see their impacts in an interactive manner.

MAN 568 Organizational Design
This course focuses on different approaches in organization theory, environment, strategy and structures, decision-making processes, interorganizational relations, size, life cycle, culture, innovation and change process and other contemporary approaches to the design process.

MAN 569 Organizational Behavior
This course focuses on the characteristics and behavior of individuals and the roles they play in organizations with respect to group formation and behavior. The subject matter includes theories of motivation, learning, leadership, group and individual decision making, and power and politics.

CONTACT:
MASTER OF HEALTH CARE ADMINISTRATION

OBJECTIVE OF THE PROGRAM

The Health Care Administration program is directed towards entry-level, mid-career, and advanced level professionals within the health administration field. The structure of the program allows students to receive both theoretical and practical applications needed for health care management to prepare for an ever-changing health care environment.

The program is designed to provide students with the business management skills needed to manage successfully in today’s health care delivery systems. It emphasizes the identification, analysis, and solution of complex management problems with a foundation of health care concepts and decision models that will support the variety of management roles that can be seen in today’s health care environment. The program specialization is based upon courses in health care organizations, health care finance, quality and data base management, health care infrastructure, and health care strategic management.

This program is open to those who want to make carrier in health and health administration field and with at least undergraduate diploma. While no specific undergraduate major is required for admission to the program, certain prerequisite preparation is expected to have been completed either prior to enrolling or during your first year of the program. The applicant must demonstrate, by education and or experience, knowledge of financial management, health economics, medical terminology, introductory health administration and statistics. Students should also have competence in micro computer operation including, such as knowledge of word processing, spreadsheet applications.

This program is designed by reviewing the standards of the Association of University Programs in Health Administration (AUPHA).

CAREER OPPORTUNITIES

Universities, Hospitals, Long-term Care Facilities, Health Insurance Companies, Nursing Home Agencies, Pharmaceutical Companies, Laboratories, Diagnostic Medical Device Firms, Consulting Firms, International Organizations (WHO, UNDP, UNFPA etc.), Government Agencies (Ministry of Health, Ministry of Finance, Ministry of Labour etc.)
FACULTY
Korkut Ersoy
Ph.D., Professor of Health Care Management, Hacettepe University

Şahin Kavuncubaşı
Ph.D., Professor of Health Care Management, Hacettepe University

Adnan Kısa
Ph.D., Professor of Health Policy and Economics, Tulane University

Nermin Özgülbaş
Ph.D., Assistant Professor of Health Care Finance, Hacettepe University

Meriç Çolak
Ph.D., Assistant Professor of Biostatistics and Epidemiology, Hacettepe University

Simten Malhan
Ph.D., Assistant Professor of Health Care Marketing and Strategic Management, Hacettepe University
CORE CURRICULUM

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**Third Semester**

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**COURSE DESCRIPTIONS**

**MUST COURSES**

ECON 501 Introduction to Economics
This course focuses on the nature of economics, interaction between supply, demand and price, and the behavior of consumers and producers (firms). The subject matter involves macroeconomic policies, national income, fiscal and monetary policies and international economics.

**HCM 511 Health Care Management**

This course focuses on the ways in which health care is structured and how the different components of the system interact with one another in such a way that changes in one inevitably affect the others. Participants also examine how efforts to reform one component of the health care system often have unintended consequences on the others.

**HCM 513 Human Resources Management in Health Care Organizations**

This course focuses on the difference between the notions of Personnel Management and HRM, the place of the HR function on the organizational chart and its organizing, HR function in MNCs, job analysis, job descriptions, strategic approach to HR, HRP, recruitment, selection, orientation, T&D, career management, performance management, compensation administration, health & safety programs.

**MAN 561 Contemporary Management Theory**

This course focuses on comparisons of organization/management theories and perspectives like the structural contingency, resource dependency, transaction cost economics, institutional theory, and organizational ecology on the basis of organizational dimensions such as task environment, structure, strategy, technology, and culture. In addition, organizational and managerial characteristics of the Turkish context are discussed in the light of the contemporary theories and perspectives.

**MAN 562 Organizational Behavior Development**

This course focuses on individual behavior in organizations and the networks of relationships within which the individual is involved in the work environment. The course emphasizes the improvement of managerial and organizational skills of students. It is the responsibility of the students to keep up with the theoretical background and supplementary readings.

**MAN 563 Strategic Management**

This course focuses on the need and the ways of integrating operations in different functions of the health care organization in a dynamic and rapidly changing environment. Topics of study involve growth and renewal processes, development strategies and structures, strategic analysis, formulation and implementation phases.

**MAN 544 Statistics**

This course focuses on a study of the basic philosophy of statistics: Frequency distributions, graphical descriptions of data, numerical descriptive statistics, probability: Laws of probability, counting techniques, random variables: Probability distributions of some discrete and continuous random variables, Moments of distributions: Law of large numbers, sampling distributions, the central limit theorem, Statistical inference: Estimation of parameters, tests of hypotheses, goodness of fit and test of homogeneity, simple and multiple linear regression, and model selection procedures.

**HCM 522 Health Economics and Finance**

Using the methods of economics and finance, this course addresses the policy and financial issues in health insurance, hospital services, physician services, and related industries. The first module of this course is organized around the key relationships in health care and the incentives that affect each party's
behavior. For example, the relationship between the physician and third-party payer and the physician and insurer incentives those different payment systems create. The second module explores health care organizations from a financial standpoint, providing students with the analytical framework and tools for making decisions about an organization's investments and financing. This course also addresses the short and long term implications of the ongoing economic transformation of the health care industry.

**HCM 531 Seminar in Health Care Management**

The purpose of the seminar is to introduce graduate students to current management and clinical issues beyond the range of the didactic component of the curriculum. The seminar provides an opportunity to reinforce the skills, knowledge and abilities that will be required if students are to effectively transition into their administrative residency and professional health management practice.

**HCM 533 Economic Analysis and Evaluation Methods in Health Care Organizations**

In this course context, cost effectiveness and cost utility techniques used in the economic analysis of health care organizations are explored. The course focuses on also new approaches about health outcome measures, such as QALY, DALY, and HLD.

**HCM 544 Total Quality Management in Health Care**

Survey of contemporary methods utilized by a variety of health services organizations to measure, monitor, and improve the quality of care provided to patients/consumers. Emphasis is placed on understanding the theory and methods underlying Total Quality Management (TQM)/Continuous Quality Improvement (CQI) practices within the outcomes-focused health services organization.

**HCM 550 Project**

Students prepare a research project with a faculty member (advisor) to be submitted at the end of the fourth semester based on the theoretical knowledge gained from the courses. Advisor approval is needed for starting the project work.
ELECTIVE COURSES

HCM 535 Managerial Epidemiology

This course exposes students to the basic tools of epidemiology, focusing on their use for making health care management decisions. Students learn to measure the magnitude of problems posed by different diseases, determine who is affected by the problems, identify causes of the problems, and evaluate the efficacy and effectiveness of interventions to prevent and treat the problems.

HCM 537 Financial Management of Health Care Organizations

Examines theory and techniques of corporate financial management as applied to health services providers and insurers including ratio analysis, cost accounting, rate setting, time value of money, working capital management, capital budgeting techniques, cost flow analysis, and capital structures planning.

HCM 539 Clinical and Managerial Information Systems in Health Care Organizations

This course focuses on the concepts and application of major information systems methodologies and approaches in the delivery of modern health care systems. Imaging applications, electronic data interchange, integrated delivery systems, computerized patient records, artificial intelligence and expert medical systems, decision support systems and internet based applications are some of the areas that will be covered.

HCM 542 Marketing and Public Relations in Health Care Organization

Explores the unique nature and role of marketing in the health care industry. Introduces marketing principles and techniques as applied in health care settings including environmental scanning, market research and marketing strategy. Discusses media, public relations and advertising strategies.

HCM 546 Evaluation and Analysis of Health Systems

The course covers qualitative and quantitative methods for evaluating health care quality, effectiveness; program evaluation, health outcomes, clinical and cost effectiveness, and evaluation across health care delivery systems.

HCM 548 Health Insurance and Policy

The course will equip students with a detailed understanding of the political context of healthcare organization and delivery in Turkey. Specific attention will focus on the social and ideological history of health policy, as well as on the mechanisms for policy formulation and implementation. Relevant international comparisons also will be examined. The course also addresses the history and theory of insurance; comparative health systems, health systems and networks, public health insurance, care for uninsured; emphasis on public policy.

CONTACT:

Department of Health Administration

Adress: Bağlıca Kampusu Eskişehir Yolu 20.km 06530 Etimesgut Ankara
MASTER OF SCIENCE IN ECONOMICS

OBJECTIVE OF PROGRAM

The objective of this program is to give the student the opportunity to gain competence in an area that he/she wants to work professionally, to enable him/her to acquire the knowledge and skills necessary for independent economic analysis and research, and to equip those who want to continue their studies at Ph.D. level with a firm grounding in theory.

Also, this programme aims to provide students with a thorough knowledge and understanding of the concepts, tools and methods of modern economics together with the application of these methods to the analysis of economic problems. The program is designed not only to equip students to undertake independent research in economics, but also to provide the training necessary for careers as economists in the public and the private sector.

This program provides advanced training in economic analysis, and offers a wide range of optional subjects. It offers students the opportunity to study particular areas of economics in greater depth, from both a theoretical and an empirical perspective.

STRUCTURE OF PROGRAM

The program is open for graduates in economics or in a closely related field, and for those with a good grounding in mathematics and statistics. Those who are not graduates of economics have to go through a preparatory programme as deemed necessary by the Institute.

The program takes 4 semesters. The first two semesters are for compulsory courses and the 3rd and 4th semesters for electives. Of the electives, at least 3 have to be in the area of specialization chosen by the student. Courses coded 600 are at an advanced level and registration for them are subject to completion of the prerequisites, or to the permission of the Institute.

The student may take more elective courses than required by the program, either on credit or non-credit basis. The degree can be undertaken on with thesis or without thesis basis. Those who choose the thesis option, have to do their thesis in their area of specialization; and those who take the without thesis option have to prepare an essay long project based on original research.

CAREER OPPORTUNITIES
Consultant, economist, analyst, researcher and manager, PhD track

FACULTY

Prof. Servet MUTLU
Ph.D. Regional Economics and Planning, University of California, Berkeley, 1979

Prof. Hasan OLGUN
Ph.D. Economics, John Hopkins University, 1973

Assoc. Prof. Mehmet BULUT
Ph.D. Economic History, University of Utrecht (Netherlands), 2000

Asst. Prof. Arzdar KIRACI
Ph.D. Education in Economics, Bilkent University, 2000

Areas of Specialization
Industrial Economics
Financial Economics
International Economics and Finance
Mathematical Economics
Applied Economics
Economic History
Economic Policy

Each student has to choose one of these areas.

Must Courses
ECON 511, 512, 517, 518, 519, 520, 590

Elective Courses by Area of Specialization

Industrial Economics:
ECON 521, 522, 523, 524, 532, 541

Financial Economics:
ECON 531, 532, 533, 541, 542, 565, 575, 581

International Economics and Finance:
ECON 531, 533, 541, 542, 543, 575

Mathematical Economics:
ECON 551, 552, 553, 554, 555, 561, 562, 563, 566

Applied Economics:
ECON 561, 562, 563, 564, 565, 566, 583
**Economic History:**  
ECON 571, 572, 573, 574, 575  
**Economic Policy:**  
ECON 522, 524, 542, 581, 582, 583

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**CORE CURRICULUM (THE PROGRAM WITHOUT THESIS)**

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### CORE CURRICULUM (THE PROGRAM WITH THESIS)

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<td>ECON 601</td>
<td>Microeconomic Theory</td>
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<td>ECON 613</td>
<td>Macroeconomic Theory</td>
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<td>ECON 615</td>
<td>Contract Theory</td>
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<tr>
<td>ECON 651</td>
<td>Selected Topics in Mathematical Economics</td>
<td>3</td>
</tr>
</tbody>
</table>

**COURSE DESCRIPTIONS**

**ECON 511 Microeconomics I**
Theories of production and consumption including decision under uncertainty, fundamental game theory and oligopoly, partial and general equilibrium theory, fundamental welfare theorems.

**ECON 512 Microeconomics II**
Social choice; externalities and public goods; economics of information and uncertainty; models of asymmetric information; the principal-agent framework; contract theory.

**ECON 517 Macroeconomics I**
Theories of static aggregate demand and supply; Keynesian and monetarist views of the economy; the new classical and the new Keynesian macroeconomics; rational expectations; channels of transmission of monetary and fiscal policy; labour markets; inflation in the short and in the long-run.

**ECON 518 Macroeconomics II**
Household behavior, investment; classical, neoclassical and endogenous growth theories; overlapping generations’ model, theories of economic fluctuations, stochastic equilibrium models using classical optimization.

**ECON 519 Methods of Economic Investigation I**
The main techniques of empirical investigation used in economics: regression models with fixed and stochastic regressors including specification and omitted variable problems, asymptotic theory, measurement errors, maximum likelihood method, sample selection bias.

**ECON 520 Methods of Economic Investigation II**
Time series analysis, simultaneous equation systems and panel data, cointegration error correction models, the econometrics of rational expectations, introduction to the use of standard econometric software packages.

**ECON 521 Industrial Organization**
Behavior of firms and industries; productivity, distribution of firm size and entry-exit dynamics; theories of the firm; industry structure and performance; invention, innovation and technology adoption; theory of competition policy; positive and normative theories of regulation.

**ECON 522 Economics of Regulation and Antitrust**
Origins, objectives, methods and effects of economic regulation and antitrust; regulation of natural monopolies: its theoretical basis and case studies.

**ECON 523 Economics of Innovation**
Innovation as the fundamental cause of change in firms and industries; causes and effects of innovation; the role of learning, knowledge and capabilities; determinants of the sectoral patterns of innovation; relationships between market structure and innovation; diffusion of innovations and competition between different technologies; geography of innovations; role of institutions in the innovation process; local and national innovation systems.

**ECON 524 Labour Economics**
Selected topics in labour economics and industrial relations; labour supply and wage structure: microeconomic “rational agent” and the collective action determinants of labour institutions and labour market outcomes, payment systems, training, hours of work, labour supply and discrimination, the effect of financial incentives on the labour supply.

**ECON 531 Theory of Finance**
Asset pricing and derivatives: the economic theory of derivative asset pricing and general equilibrium models of financial markets: no-arbitrage conditions; state price deflator, equivalent martingale measure; complete markets; Pareto optimality; representative agent; capital asset pricing models; options; futures and forward contract; futures-forward equivalence theorem; binomial model; Brownian motion; stochastic integral; Ito’s lemma; the Black-Scholes option pricing formula, swaps.

**ECON 532 Corporate Finance**
Economic theory of the firm’s financial decision making, Modigliani-Miller theorem; agency costs; capital structure; dividend policy; debt overhang problem, takeover and corporate control.

**ECON 533 International Corporate Finance**
Institutional framework: money, banking, international banking and exchange rate regimes; international money and capital markets and their satellite markets; forward contracts: forwards with variable collateral, hedging with rolled-over forward contracts; hedging strategies under various conditions; options: the net effect of interest rates on early exercise, the N-period binomial model, options on futures, stochastic calculus and the Black-Scholes model; international bond and money markets: interest futures, interest options, term structure definitions and measurement; swaps: interest swaps, circus swaps; management of portfolios of assets and derivatives: value at risk, capital at risk, riskmetrics, stress testing.

**ECON 541 International Economics**
Comparative advantage and theories of trade policy; international institutions; trade, market structure and economic development, economic integration (including EU); international trade and economic geography, effects of technology on trade and growth, empirical application of trade models.

**ECON 542 International Finance**
Basic open models, nominal rigidities in an open economy; the adjustment and propagation of shocks in internationally linked economies, with particular attention to foreign exchange markets, balance of payments, crises and contagion; application of “imperfect contract literature” to financial crises and comparison of this with traditional theories in which crises originate from macroeconomic fundamentals.

**ECON 543 Managerial Aspects of European Integration**
Institutions of the Union: Commission, Council, Parliament, Court of Justice and their roles in the decision making process; horizontal policies: CAP, competition policy, the Single Market, economic and monetary union, the social, commercial, environmental, technological and fiscal policies and the effects of these policies on both the European and non-European businesses.

**ECON 551 Quantitative Methods in Economics I**
Comprehensive investigation of linear programming and its extensions, including post optimality analysis; non-linear programming models including separable spatial equilibrium and risk programming models; input-output models and their role in social accounting matrices; computable general equilibrium models.

**ECON 552 Quantitative Methods in Economics II**
Optimization of dynamic systems and their analysis, basic theory of dynamical systems and dynamic optimization; optimal control, related optimization and numerical analysis methods; examples of applications of dynamic analysis methods in such areas as allocation and exploitation of natural resources.

**ECON 553 Game Theory**
Main elements of the theory; multistage games with observable actions with either complete or incomplete information about payoff functions: basic solution concepts for) static games with complete information, ii) static games with incomplete information, iii) dynamic games with complete information, IV) dynamic games with incomplete information; extensions to games with imperfectly observable actions.

**ECON 554 Non-Cooperative Game Theory**
Solution concepts for non-cooperative games in normal form including Nash and perfect equilibrium and stable sets of equilibria; extensive form games of perfect and incomplete information, sequential equilibrium, and consequences of stability for extensive form; applications to bargaining and auctions.

**ECON 555 Cooperative Game Theory**
Basics of cooperative game theory, emphasizing concepts used in economics; games with and without transferable utility; the core, the value and other solution concepts; potentials, reduced games, consistency; non-cooperative implementation of cooperative solution concepts.

**ECON 561 Economics of Production**
Principles of production economics, derivation and estimation of supply and demand, production, profit and cost functions; relationships between scale economies, technological change, and factor substitution; risk, supply response, and household production functions; developments in flexible functional forms; duality and dynamic adjustment models.

**ECON 562 Economics of Consumption**
Analytical treatment of the economic behavior of the consumer; consumption choice under uncertainty; shifts in demand and welfare due to changes in private information and public policy; estimation of demand models and value of unpriced characteristics.

**ECON 563 Applied Optimization Modeling**
Formulation of linear, integer and combinatorial problems through examples; application of principles of branch-and-bound in solving combinatorial problems including existing computer software; heuristic methods to solve large scale problems: greedy methods, interchange heuristics; recent approaches to large scale problems: simulated annealing, genetic optimization; applied models: stock adjustment or trim problems; various vehicle routing problems; shift scheduling; crew scheduling for airline companies; optimal bus routing; applied nonlinear optimization: optimality conditions, examples.

**ECON 564 Economics of Overlapping Generations**
Investigation of micro based macroeconomic models with the help of quantified economic variables; modeling and estimation of the effects of changes in such variables as tastes, technology, demographic structure and social policies on consumption, social security systems, public policies such as public debt and income taxation, interest rates, share prices, inflation and growth; analytical programming techniques; the use of computer software in solving related problems.

**ECON 565 Economics of Insurance**
Insurance risk, economic theories and actuarial models; theoretically verified pricing, accounting, decision making and planning methods related to various insurance products; discussion of actuarial pricing models and methods related to parametric risk, risk concentration and asymmetric information; comparative analysis of stability, sensitivity and constancy of model parameters in insurance models; introduction to various probability models in defining high risk; examination of decision making under uncertainty and theory of the firm within the framework of insurance risk; martingale approach to calculation of insurance premium in markets without arbitrage; mixed Poisson method and change of measures; pricing methods of insurance derivatives; taxation of insurance products; financial evaluation methods for life and retirement insurance.
ECON 566 Applied Econometrics
Basic skills in econometric applications; choice of functional form and variables; standard linear regression model, ordinary least squares method, heteroscedasticity and autocorrelation, linear and non-linear stochastic regressors, instrumental variable methods and GMM; stationary and non-stationary time series analysis (ARIMA, unit roots, co-integration); formulation and estimation of microeconomic models with limited dependent variables; empirical cases.

ECON 571 History of Economic Thought
Evolution of economic thought since the 18th century; basic theoretic approaches and debates: the Classical, Neo-Classical, Marxists; the Chicago School and the Institutionalists.

ECON 572 Modern Economic History
Industrial Revolution and the formation of a Western European centered world economy in the 19th century; overseas trade, capital flows, colonial policies and their effects; the rise of the United States and Japan as industrial powers; The Great Depression; Post-Second World War developments; internationalization of capital; direct investments; formation of economic blocks.

ECON 573 Ottoman Economic History
Ottoman economy and economic institutions; their evolution from the 14th to the beginning of the 20th century; comparison of the Ottoman economy and economic institutions with their Western European contemporaries; the effects of the Industrial Revolution on the Ottoman economy, institutions and economic geography especially the developments following the 1838 Ottoman-English Trade Treaty.

ECON 574 Turkish Economy
The evolution of the economic and social system since the Republic: objectives of development strategies and macroeconomic policies and the consequences of their implementation; the sources and forms of capital formation; income distribution; regional situation.

ECON 575 History of Finance
Money in the Mediterranean World since its invention up to the Ottomans; money and the structure of finance in Europe until the rise of the West; financial understanding and institutions in Europe in the mercantilistic period; transition from metallic to paper money and innovations in finance; changes and developments in the financial sector during the rise and development process of the modern bank and international exchanges in the West; finance capital in Europe; financial activities and institutions in the Ottoman Empire; new conditions in financial markets brought about by globalization; contemporary financial techniques.

ECON 581 Monetary Economics
Microeconomic foundations of monetary theory; fundamental nature of money and its functions; interactions between money and real economic variables; monetary policy; asymmetric information problems; transmission channel of monetary policy; rules versus discretion debate; independence of the Central Bank.

ECON 582 Public Finance: Theoretical and empirical aspects of taxation and public spending; the state and the theory of public goods; production of private goods by the central and local governments; effects of taxes on labour, savings and risk taking; measurement of income distribution and inequality; corporate and capital taxes; design of financial policy.

ECON 583 Macroeconomic Policy
Monetary versus financial policy debate in the context of underlying controversies on macroeconomic theory; comparative discussion of the Keynesian, Monetarist and Classical theories; rational expectations; policy ineffectiveness; time inconsistency; rules versus discretion; budget deficits; unemployment and inflation.

**ECON 601 Microeconomic Theory**
A rigorous grounding of microeconomic theory by the use of advanced analysis methods: microeconomic theory of households and firms; general equilibrium theory; welfare economics; economics of uncertainty and contract theory [Prerequisite ECON 511 and ECON 512].

**ECON 613 Macroeconomic Theory**
In-depth study of selected topics in macroeconomics: balanced and endogenous growth models; theories of economic fluctuations and continuity; investigation of infinite horizon, perfect foresight and stochastic equilibrium models by using classical optimization and dynamic programming methods [Prerequisite: ECON 517 and ECON 518].

**ECON 615 Contract Theory**
Models with hidden action and hidden information; moral hazard; adverse selection; incomplete contracts with application to the firm and financial contracting [Prerequisite: by permission of the Institute].

**ECON 651 Selected Topics in Mathematical Economics**
Introduction to the use of advanced mathematical techniques in modern economic theory: metric, topologic and linear spaces; fixed-point theorems; measure theory and measurement spaces; selected topics according to student choice. [Prerequisite: by permission of the Institute].

**ECON 590 Seminar**
A tour in economic horizons through seminar presentations by the staff, quest speakers and students, and class discussion [The course is taken on a satisfactory/unsatisfactory basis. Those found unsatisfactory have to repeat the course].

**ECON 598 Graduation Project (Non-credit)**
An essay long study based on original research and related to the student’s chosen field.

**ECON 599 Master’s Thesis (Non-credit)**

**Contact Information:**

Department of Economics

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Phone: +90 312 234 10 10 /1686

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Web site: http://www.sbe.baskent.edu.tr

e-mail:nkorucu@baskent.edu.tr
DOCTORATE PROGRAMS

GENERAL STRUCTURE OF THE PROGRAMS

These programs are open to all students with a convenient master degree. The main aim of both programs is that graduates may become academic staff at different universities or research institutions or practitioner in public and private organizations.

A candidate has to complete the Ph.D. programmes in eight semesters with a cumulative grand point average of 3.00, and also has to pass proficiency exam upon the completing of the course work. The program of study leading to the doctoral degree involves an intensive period of course work, research, and teaching.

Major program requirements include: (a) graduate course work; (b) written and oral comprehensive exams; (c) a scholarly paper after the first academic year; (d) a doctoral dissertation based on original theory and data. After the comprehensive exam, students may start his/her Ph.D. thesis. Upon the request of student, the executive Board of the Institute may extend the duration of the programme four more semester for thesis. In the courses students must complete all their requirements like homeworks, group works, individual studies, seminars and compulsory readings.

Ph.D. PROGRAM in MANAGEMENT AND ORGANIZATION

OBJECTIVE OF THE PROGRAM

Ph.D. program in Management and Organization focuses on the analysis of organizational design and change, corporate strategy, multinational management, technological and industrial development, and managerial decision making and their implications for management. The majority of the program is designed to develop the knowledge, skills and attitudes required to conduct world-class research on the most relevant issues in the field of management, and to enhance the students' research capabilities and prepare them to communicate that research to a variety of audiences of management and organization.

The program is committed to educate scholars who will lead in their fields of research on the complex organizational and managerial issues of the competitive and challenging business world. In this program, students are expected to establish professional skills and demonstrate knowledge of practical and theoretical foundations of management and organization. Students are able to adopt their course materials to the organizations and will be capable of initiating and conducting original empirical and theoretical research that is published in the leading academic journals, textbooks and writings of guru’s in the field of management with particular emphasis placed on identifying and solving business problems, in the face of uncertainty and incomplete information of the management of people in organizational settings. Doctoral students learn the concepts of management and
organization, as well as the concepts, methods, and philosophy of science through courses, research, and close interaction with the faculty. Our doctoral program is uniquely positioned to prepare students to advance management knowledge about the converging economies of today and tomorrow because our faculty is broadly focused on management problems and issues that span traditional research boundaries and methods. We employ both qualitative and quantitative research methods to study current management issues such as: collaboration, global and corporate strategy, knowledge management, management of ethical and social issues, negotiation, social networks, strategic alliances, human resource management, teams, technology and innovation management, organizational identity, and organizational learning, among many others.

FACULTY

Prof. Dr. A. Selami SARGUT  
Ph.D., Ankara Academy of Economics and Social Sciences, Management and Organization

Prof. Dr. Abdulkadir VAROĞLU  
Ph.D., Ankara University, Management and Organization

Assoc. Prof. Dr. Şükrü ÖZEN  
Ph.D., Gazi University, Management and Organization
## CORE CURRICULUM

### I. SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MAN 601 Philosophy of Social Sciences</td>
<td>3</td>
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<tr>
<td>MAN 603 Research Design In Social Sciences</td>
<td>3</td>
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<tr>
<td>MAN 661 Topics in Macro Organization Theory</td>
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### II. SEMESTER

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>MAN 602 Qualitative Research Methods</td>
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<tr>
<td>MAN 604 Quantitative Research Methods</td>
<td>3</td>
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<tr>
<td>MAN 662 Topics in Micro Organization Theory</td>
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### III. SEMESTER

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<th>Course</th>
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<tr>
<td>MAN 666 Management and Organization Seminar I</td>
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### IV. SEMESTER

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<tr>
<td>MAN 669 Management and Organization Seminar II</td>
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### ELECTIVES

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<th>Course</th>
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<tr>
<td>MAN 665 Information Technology and Management</td>
<td>3</td>
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<tr>
<td>MAN 663 Strategic Management</td>
<td>3</td>
</tr>
<tr>
<td>MAN 664 Contemporary Issues on Management</td>
<td>3</td>
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<tr>
<td>MAN 668 Organizations and Management Turkish Case</td>
<td>3</td>
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<tr>
<td>MAN 670 Human Resources Management</td>
<td>3</td>
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<tr>
<td>MAN 761 Thesis Studies</td>
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COURSE DESCRIPTIONS

MUST COURSES

MAN 661 Topics in Macro Organization Theory
This course includes an examination of the philosophical and sociological bases of organization studies, and then a discussion of various management and organization theories and perspectives such as the classical school, human relations, contingency, action, resource dependency, transaction cost, institutionalism, organizational ecology, critical and postmodern perspectives.

MAN 601 Philosophy of Social Sciences
This course provides an introduction to philosophy of social sciences. We will first examine debates related to philosophy of science, concentrating on discussions about positivism and its criticisms. Then, we will move on to analysing major theoretical traditions in social sciences. Finally, the course will discuss implications of social science research in the wider society.

MAN 603 Research Design in Social Sciences
The aim of this course is two-fold: to introduce the basic research techniques with underlying philosophical foundations and let them master the techniques by using hands-on approach. Due to different backgrounds of the students, they need to be reintroduced to the standard techniques of the data collection and analysis. The course starts with the introduction of basic concepts of research methodology such as theory, hypothesis, theory formation and main steps of the research endeavor (choosing the subject, formulating hypothesis, designing the research, data collection, analysis and reporting). Problems at each step are discussed in the class along with their solutions. Students are assigned additional reading every week which supports the textbook. They are expected to practice the techniques taught in the class by actually doing them. So every week students turn in two assignments: one theoretical and one practical. At the end of the course the students are expected to equip themselves with the tools of research which enable them to conduct their own research independently.

MAN 602 Qualitative Research Methods
Qualitative Research Methods aims at clarifying major concepts regarding qualitative thinking and methodology. The main starting point here is that the elements of the social world, that is, humans, institutions, norms and values, they all require us to articulate a different kind of thinking and researching than the natural world. Since social scientific research is “social” as well as “scientific”, the kind of scholarly inquiry in this class refers to an approach which is both social and scientific. Qualitative Methodology is a course based on this assumption of “different ways of knowing” in the social world and attempts to offer a coherent picture of methodological debates in social sciences. Qualitative thinking or qualitative methodology is based on the idea of “methodological pluralism” which will be a guiding principle in this course.
MAN 604 Quantitative Research Methods
This is graduate level course which is geared into advanced statistical techniques. Teaching multivariate techniques is the main purpose of the course. Having had MAN 603 students are ready to learn techniques that will help them in their dissertation. This course is designed keeping their needs in mind. The course starts with the review of the bivariate techniques which provide a solid background for multivariate techniques. After this review, multivariate techniques are entertained which are multivariate analysis of variance, multiple regression, logistic regression, factor analysis (both explanatory and confirmatory), cluster analysis, discriminant analysis and structural equation modeling. Except the last one, SPSS is used in teaching of the techniques.

MAN 622 Micro Organizational Theory
Topics in Micro Organization Theory course consists of the analysis of an individual and individual’s position in an organization as well as his relationships and networks, with the help of psychology, social psychology, anthropology, ethnography, sociology and philosophy.

ELECTIVE COURSES

MAN 663 Strategic Management
In this course, the strategy process, strategic decision-making and governance, environment and competition, competitive advantage, differentiation strategies and structure, multidivisional structures, global strategies, multi country enterprises and cooperative strategies will be discussed.

MAN 665 Information Technology and Management
In this course; information and communications theories, the management of IT and IS in organizations, the impacts of IT on organizations, information system security and, the impacts of IT on the societies such as ethics and privacy are discussed.

MAN 668 Organizations and Management: Turkish Case
This course first discusses the issue of societal dependency of organizational forms and managerial practices within the frameworks of the contingency, cultural, and macro-institutional perspectives, and then attempts to understand the organizational forms and managerial practices in Turkey by considering the changes within their historical, economical, political, and institutional contexts. Moreover, it also focuses on the dynamics of international transfer of management theories and practices.

MAN 670 – Human Resources Management
In this course Strategy and Human Resources Management. Strategic HRM; International HRM; Employee Selection Process, Hiring Interview; Performance Management, multi-source performance appraisal, performance feedback, perceptions of justice; Training and Development, Learning, Evaluation of Training and Development programs are discussed.
CONTACT:

Department of Economics

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Fax: + 90 312 234 10 43

Web site: http://www.baskent.edu.tr

e-mail:sozen@baskent.edu.tr
Ph.D. PROGRAM in ACCOUNTING AND FINANCE

OBJECTIVE OF THE PROGRAM

This program in Accounting and Finance intends to prepare its graduates for careers in teaching and research positions at research oriented public and private companies and universities. Accounting and Finance program is not only open to academic instructors but also open to researchers and practitioners who wish to study in accounting and finance area. The program requirements are designed to be sufficiently flexible to allow the candidate to pursue an individual course of study tailored to his or her research and teaching interests. To participate in this program, satisfactory accounting and finance background is a must. Participating students are expecting to meet the scientific criteria that come from their own academic background and courses studied in the program. Students work closely with individual faculty members and are actively involved in joint research, seminar and publication projects throughout the program.

PhD program in Accounting and Finance provides students with a solid foundation in the theoretical and empirical tools of modern accounting and finance, drawing heavily on the discipline of economics, statistics and mathematics. Students build on this foundation and apply these tools to study frontier issues in international accounting standards, financial analysis, special topics in accounting, finance theory, corporate finance, financial markets, international finance, derivatives, and current finance and accounting problems.

FACULTY

Prof. Dr. Nalan AKDOĞAN

Prof. Dr. Mehmet SAYARI
Ph.D., Accounting, Ankara Academy of Economic and Commercial Sciences.

Prof. Dr. Orhan SEVİLENGÜL
Ph.D., Accounting, Ankara Academy of Economic and Commercial Sciences.

Prof. Dr. Selçuk USLU
Ph.D., Accounting, Ankara Academy of Economic and Commercial Sciences.

Asst. Prof. Dr. Özgür Özmen UYSAL
Ph.D., Tourism and Hotel Management, Anadolu University

Asst. Prof. Dr. Güray KÜÇÜKKOCÃOĞLU
Ph.D., Business Administration, Ankara University.
Asst. Prof. Mehtap AKÇİL TEMEL  
Ph.D., Biostatistics, Hacettepe University.

Asst. Prof. Nermin ÖZGÜLBAŞ  
Ph.D., Business Administration, Hacettepe University.

Deniz Umut ERHAN  
Ph.D., Accounting, Eskişehir Anadolu University.

Ayhan ALGÜNER  
Ph.D., Business Administration, Ankara University.
### CORE CURRICULUM

#### I. First Semester

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>MAN 603</td>
<td>Research Design in Social Sciences</td>
<td>3</td>
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<tr>
<td>MAN 611</td>
<td>Finance Theory</td>
<td>3</td>
</tr>
<tr>
<td>MAN 623</td>
<td>The Standards of International Accounting I</td>
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#### II. Second Semester

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<tr>
<th>Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>MAN 626</td>
<td>The Standards of International Accounting II</td>
<td>3</td>
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<tr>
<td>MAN 612</td>
<td>Investment Theory and Management</td>
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<tr>
<td>MAN 618</td>
<td>Financial Analysis</td>
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#### Third Semester

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<tr>
<td>MAN 627</td>
<td>International Auditing Standards</td>
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<tr>
<td>MAN 633</td>
<td>Special Topics in Accounting</td>
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<td>MAN 621</td>
<td>Investment Markets</td>
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<tr>
<td>MAN 619</td>
<td>Derivatives Markets</td>
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#### Fourth Semester

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<th>Code</th>
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<tbody>
<tr>
<td>MAN 614</td>
<td>Current Finance and Accounting Problems</td>
<td>3</td>
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</table>

### COURSE DESCRIPTIONS

**MAN 603 Research Design in Social Sciences**
This is a graduate level research course. The aim of this course is two-fold: to introduce the basic research techniques with underlying philosophical foundations and let them master the techniques by using hands-on approach. Due to different backgrounds of the students, they need to be reintroduced to the standard techniques of the data collection and analysis. The course starts with the introduction of basic concepts of research methodology such as theory, hypothesis, theory formation and main steps of the research endeavor (choosing the subject, formulating hypothesis, designing the research, data collection, analysis and reporting). Problems at each step are discussed in the class along with their solutions. Students are assigned additional reading every week which supports the textbook. They are expected to practice the techniques taught in the class by
Actually doing them. So every week students turn in two assignments: one theoretical and one practical. At the end of the course the students are expected to equip themselves with the tools of research which enable them to conduct their own research independently.

MAN 611 Finance Theory
This course is targeted toward graduate students who are interested in finance theory and practice. It reviews the path-breaking advances in finance theory over the past several decades and provides an introduction to modern finance theory and its applications within a unified framework. The topics of the course include: (1) evolution of the finance theory from 1990’s to present; (2) corporate financial issue, such as dividend policy, debt policy, capital structure with Miller Modigliani assumptions, working capital and capital budgeting issues, mergers and acquisitions, agency theory; (3) theory of interest rates and their effects on stock markets; (4) portfolio theory and the evolution of the performance metrics; (5) asset pricing models, such as CAPM and APT and factor models.

MAN 612 Investment Theory and Management
This course covers modern theories of investment management and aims to provide an understanding of advance knowledge in investment strategies and portfolio management techniques. Lectures start with the implications of the efficient market hypotheses (EMH), and moves on the methodology and techniques for testing the EMH with empirical evidences for and against the EMH. In the portfolio management lectures (in particular, mean-variance analysis, portfolio selection, construction and optimization issues and asset pricing models of CAPM and APT, along with the methodology and techniques for testing those asset pricing models) students discuss the concepts of speculation, manipulation, arbitrage, market completeness, and the fundamental theorem of mathematical finance and turn these theories into an empirical work by the end of the semester. Moreover, their empirical results will also be discussed.

MAN 614 Current Finance and Accounting Problems
The basic objective of this course is to take the students to a higher level of understanding of the subject in order to perform well in the field of finance. In this regard, the goal of this course is to give a unique perspective on the some of the most challenging problems in financial engineering area. By comprehensively exploring topical issues relating to recent financial problems encountered by the policy makers and other parties such as financial analysts, investors etc. The course is designed to challenge the doctoral students with problems, many of which have not been solved yet, whose solution could impact the practice of financial management, theory and practice of the Turkish Financial Markets and Institutions.

MAN 618 Financial Analysis
This class is designed especially for the doctorate students to interpretate the financial statements and evaluate the performance of companies using special statistical and mathematical techniques in the area of finance and accounting. The
students will be expected excel in the evaluation of financial information and gain a balanced view of its reliability and usefulness when they are examining the reported financial statements. They will develop and gain a sound understanding of the use of multivariate statistical models used in failure predictions, earnings manipulation and income smoothing attempts.

**MAN 619 Derivatives Markets**
In this course students will become familiar with the derivatives securities and markets, Derivative Securities Market Co. of Turkey (Vadeli İşlemler ve Opsiyon Borsası A.Ş). They will acquire some familiarity with the market in which they trade, and begin to learn how prices would be determined in derivate markets. Moreover, they will have some in depth knowledge in Futures, Forwards, Options and Swaps.

**MAN 621 Investment Markets**
This course is intended to provide a different point of view to the development of financial markets and the micro and macrostructure of securities markets. It highlights the principles of capital and securities markets, their procedures and their contributions to the financial system. Students will discuss the major problems of the capital markets and will be expected to find feasible solutions in terms of development and efficiency. The course also includes issues related to the growing interaction of emerging markets with developed capital markets; examines the institutional features of these emerging and developed markets and compares the trading strategies of bond, equity, derivative markets of these two.

**MAN 623 The Standards of International Accounting I**
The course, The Standards of International Accounting I, is designed to enable students to understand the implications of these standards for preparers of financial statements, analysts, investors and national standard setters. It examines the current standards 1 thru 20 in terms of current pressures towards international harmonization and contemporary accounting issues.

**MAN 626 The Standards of International Accounting II**
The course, The Standards of International Accounting II, is designed to enable students to understand the implications of these standards for preparers of financial statements, analysts, investors and national standard setters. It examines the current standards 21 thru the last recently published standard in terms of current pressures towards international harmonization and contemporary accounting issues.

**MAN 627 International Auditing Standards**
This advanced auditing course is specially designed for the doctorate students to use their research, critical thinking and communication skills applied to contemporary accounting and auditing issues. In this course, functions of auditing, general accepted audit standards introduced with legal rules, recent trends in internal auditing system, appropriate auditing techniques with in the field of auditing will be discussed by the policy makers as well.
MAN 633 Special Topics in Accounting
This course addresses current issues impacting the accounting professions practicing in different fields (banks, insurance companies, construction companies, tourism etc.). Although the topics vary each semester, this course comprehensively explains and illustrates the conceptual foundation and rationale that underlies the application of special issues making up the financial statements, reporting and rating environments, standards and theories set forth by the Financial Accounting Standard Boards of Turkey.

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