

**Content**

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ECK 551	Macroeconomics I	1	3	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree
Objective	-
Content	-
References	

**Theory Topics**

Week	Weekly Contents

**Content**

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ECK 500	Research Seminar	1	0	0	0	0	4

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree
Objective	
Content	
References	

**Theory Topics**

Week	Weekly Contents

**Content**

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ECK 561	Econometrics	1	3	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree
Objective	Bu derste öğrencilerin ekonometrik teknikleri kullanmalarını sağlayarak iktisadi verilerin analizini yapabilecek yeteneğe erişmeleri amaçlanmaktadır. Bu dersin sonunda öğrencilerin iktisadi modellerin gerçek dünyada test edilmesini mümkün kılan araçları ve yaklaşımları edinmeleri mümkün olacaktır.
Content	Doğrusal basit ve çok değişkenli modeller Regresyon Ekonometrik testler Varsayım testleri
References	<ul style="list-style-type: none"> <li>• BOURBONNAIS R. (2000). Econométrie, manuel et exercices corrigés, Dunod (3ième ed.), Paris.</li> <li>• JOHNSTON J., DINARDO J., (1999), Méthodes économétriques, Economica, 4ième ed., Paris.</li> <li>• SHEATHER S.J.(2009), A Modern Approach to Regression with R</li> <li>• WOOLDRIDGE J.M.(2005), Introduction to Econometrics</li> </ul>

### Theory Topics

Week	Weekly Contents
1	Introduction to econometrics
2	Regression analysis in the simple linear models
3	Regression analysis in the simple linear models: application
4	Regression analysis in the models with several variables
5	Regression analysis in the models with several variables
6	Regression analysis in the models with several variables: application
7	Application on computer
8	Mid-term
9	Econometric Analysis: various tests
10	Econometric Analysis :hypothesis's tests
11	Econometric Analysis: problem of autocorrelation
12	Econometric Analysis: application
13	Application on computer
14	Dummy variables: seasonality

### Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ECK 555	Microeconomics I	1	3	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory

Course Level	Masters Degree
Objective	Bu ders, iktisat doktora programında öğrencilerin ihtiyaçlarını karşılamak üzere tasarlanmış mikroekonomik teoriye giriş niteliğindedir.
Content	Bu ders lisans boyunca çalışılmış olan dengelerin farklı durumlar özellikle de bilgi varsayımları değiştiğinde sorgulanmasını hedeflemektedir.
References	A. Dixit and B. Nalebuff. Thinking Strategically, Norton 1991 J. Watson. Strategy: An Introduction to Game Theory, Norton 2002 P.K. Dutta. Strategies and Games: Theory And Practice, MIT 1999 Bierman and Fernandez, Game Theory with Economic Applications, Second Edition, Addison Wesley (1998). Fudenberg and Tirole, Game Theory, MIT Press (1991). Gibbons, Game Theory for Applied Economists, Princeton University Press (1992) Shy, Oz. Industrial Organization: Theory and Applications, The MIT Press, 1996 Banerjee, Samiran. Intermediate Microeconomics: ATool-Building Approach. 1st ed. Routledge, 2014. ISBN: 9780415870

### Theory Topics

Week	Weekly Contents
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### Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ECK 552	Macroeconomics II	2	3	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree
Objective	explain the relationship between various indicators in an open economy and study the theoretical framework necessary to predict the efficiency of macroeconomic policy applications
Content	the course starts with the definitions of the basic concepts and gives the open economy framework. then, discusses the efficiency of economic policy in IS-LM and AS-AD frameworks assuming fixed or flexible exchange rates with perfect or imperfect capital movements. finally, current economic developments are discussed using the theoretical frameworks previously analyzed.
References	macroéconomie internationale (G. Koenig) macroéconomie internationale (M. Aglietta) various newspaper/journal articles

### Theory Topics

Week	Weekly Contents
1	open economy framework
2	balance of payments, balance sheet of the financial system
3	economic indicators, national accounting equations
4	policy efficiency under fixed prices and exchange rates: perfect vs imperfect capital movements

Week	Weekly Contents
5	policy efficiency under fixed prices and exchange rates: perfect vs imperfect capital movements
6	policy efficiency under fixed prices and exchange rates: perfect vs imperfect capital movements
7	policy efficiency under fixed prices and flexible exchange rates: perfect vs imperfect capital movements
8	policy efficiency under fixed prices and flexible exchange rates: perfect vs imperfect capital movements
9	policy efficiency under fixed prices and flexible exchange rates: perfect vs imperfect capital movements
10	policy efficiency under flexible prices and flexible exchange rates: perfect vs imperfect capital movements
11	policy efficiency under flexible prices and flexible exchange rates: perfect vs imperfect capital movements
12	open economy Philips curve
13	open economy Philips curve
14	revision

### Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ECK 563	Time Series Analysis	2	3	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Elective
Course Level	Masters Degree
Objective	
Content	
References	

### Theory Topics

Week	Weekly Contents
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### Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ECK 556	Microeconomics II	2	3	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Masters Degree

Objective	Bu ders, akademik kariyer yapacak öğrencilerin ihtiyaçlarını karşılamak üzere tasarlanmış mikroekonomik teoriye giriş niteliğindedir.
Content	Bu dersin birinci bölümünde bireysel karar alma üzerinde durulmuştu, ikinci bölümde ders, toplu karar alma durumlarında, istenilen tercihler ve seçimlere ulaşılması için bireyler arasındaki etkileşimin nasıl tasarlanması gerektiğini tartışmaktadır. Sosyal karar alma için öncelikle seçim, daha sonra mekanizma tasarımı ve ihale konusu ele alınmaktadır. Ders sosyal ağlara giriş yapılmamasıyla biter.
References	Yoav Shoham and Kevin Leyton-Brown, Multiagent Systems: Algorithmic, Game-Theoretic, and Logical Foundations Cambridge University Press, 2009. Matthew O. Jackson A Brief Introduction to the Basics of Game Theory. Matthew O. Jackson (2008) Social and Economic Networks, Princeton University Press.

### Theory Topics

Week	Weekly Contents
1	I. Introduction to social choice and voting schemes
2	a. Problems in collective decision making
3	b. Arrow theorem
4	II. Mechanism design - Examples
5	a. Revelation principle
6	b. Gibbard-Satterthwaite and Muller-Satterthwaite theorems
7	c. Transferable utility and mechanism design as an optimisation problem
8	Midterm
9	d. Vickrey-Clarke-Growes mechanism (examples and limitations)
10	III. Introduction to auctions
11	a. Strategic behaviour in auctions
12	b. Revenue equivalence theorem
13	IV. Social networks
14	Erdos-Renyi graphs

### Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
ECK 562	Econometrics II	2	3	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Elective
Course Level	Masters Degree
Objective	
Content	
References	

## Theory Topics

Week	Weekly Contents
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