

COURSE / MODULE / BLOCK DETAILS

ACADEMIC YEAR / SEMESTER

Offered by: İktisat			
Course Title: SOCIAL NETWORK ANALYSIS		Course Org. Title: SOCIAL NETWORK ANALYSIS	
Course Level: Lisans		Course Code: ECO 4124	
Language of Instruction: İngilizce		Form Submitting/Renewal Date 21/09/2020	
Weekly Course Hours: 3		Course Coordinator: DR.ÖĞR.ÜYESİ MEHMET ALDONAT BEYZATLAR	
Theory	Application	Laboratory	National Credit: 3
3	0	0	ECTS Credit: 6



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Offered to:	Course Status: Compulsory/Elective
Name of the Department:	
Economics	Elective Course



DOKUZ EYLUL UNIVERSITY



FACULTY OF BUSINESS ADMINISTRATION OFFICE OF THE DEAN

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Instructor/s:

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Course Objective:

Everything is connected: people, information, events and places. A practical way of making sense of the tangle of connections is to analyze them as networks. Social Network Analysis (SNA) is a set of analytical methods and theories that study the pattern of relations among actors. Social networks are everywhere and play a role in substantive problems that cut across many subjects and disciplines. Any research problem that involves actors who have relations with each other, and relations that can be observed and measured, may benefit from Social Network Analysis. This course aims to provide students about the structure and evolution of networks, drawing on knowledge from economics.

Learning Outcomes:

- 1 Demonstrate understanding of basic concepts of network analysis so that students can recognize what are networks and what use is it to study them.
- 2 Identify different types of networks in order to analyze their impacts under different structures.
- 3 Be able to use software so that students can analyze different network structures.
- 4 Make presentations and prepare a term project on a given subject with the purpose of doing descriptive analysis of different networks.

Learning and Teaching Strategies:

1. Lectures
2. Readings
3. Data Search and Empirical Analysis

Assessment Methods:

Name	Code	Calculation formula
Midterm	MT	
TermProject	TP	
BNS	BNS	MT * 040 + TP * 060

Further Notes about Assessment Methods:



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Assessment Criteria:

1. The learner will clearly define social network analysis' concepts.
2. The learner will use necessary data and empirical tools to explain the interaction through networks.
3. The learner will recognize economic issues defined in reserved books and resources at the library.

Textbook(s)/References/Materials:

1. Stanley Wasserman and Katherine Faust. (1994). Social Network Analysis: Methods and Applications. Cambridge University Press.
2. Robert Hanneman. (2005). Introduction to Social Networks. (A free online text-book).

Course Policies and Rules:

1. Attending at least 70 percent of lectures is mandatory.
2. Plagiarism of any type will result in disciplinary action.

Contact Details for the Instructor:

mehmet.beyzatlar@deu.edu.tr

Office Hours:

Please contact via E-mail.

Course Outline:

Week	Topics:	Notes:
1	Foundations of SNA	
2	Networks	
3	Ego-Networks	
4	Global Networks	
5	Applications of SNA	



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6	SNA and Online Social Networks
7	Economics and SNA
8	Network Data Collection
9	Network Metrics
10	Network Metrics and Graphs
11	Term Project Evaluations / Presentations
12	Term Project Evaluations / Presentations



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ECTS Table

Course Activities	Number	Duration (hour)	Total Work Load (hour)
In Class Activities			
Lectures	12	3	36

Exams

Midterm	1	2	2
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Out Class activities

Preparations before/after weekly lectures	12	2	24
Preparation for midterm exam	1	15	15
Preparing presentations	1	15	15
Reading	10	2	20
Project Preparation	1	30	30
Total Work Load (hour)			142
ECTS Credits of the Course= Total Work Load (hour) / 25			6