



Меѓународен Универзитет Визион - International Vision University
 Universiteti Ndërkombëtar Vizion - Uluslararası Vizyon Üniversitesi

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SYLLABUS

COURSE NAME	COURSE CODE	SEMESTER	COURSE LOAD	ECTS
QUANTITATIVE RESEARCH METHODS	5030	6	240	8

Prerequisite(s)	None
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Course Language	Turkish
Course Type	Required
Course Level	First Cycle
Course Lecturer	
Course Assistants	
Classroom	
Extra-Curricular Office Hours and Location	Meeting: Consultancy:

Course Objectives	This is a course aiming to teach basic statistics in psychology.
Course Learning Outcomes	<ul style="list-style-type: none"> • Describe key concepts involved in psychological statistics. • State basic statistical techniques (conceptually and numerically). • Be able to correctly apply statistical techniques to psychological data. • Be able to correctly interpret results of analyses of psychological data. • Be able to clearly convey orally and in writing the details of statistical analyses and results.
Course Contents	This is a course aiming to teach basic statistics in psychology. In addition to learning about the basics of conducting psychological data analysis and hypothesis testing, students will learn about the following statistical tests: correlation, regression, chi-square test. Student's task will be to learn the basic concepts behind these tests, as well as to be able to compute the tests by hand. Student will also learn how to run these tests in SPSS.

WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

Week	Subjects	Related Preparation
1	Introduction	Related Chapters of Course Sources
2	Frequency distributions	Related Chapters of Course Sources
3	Descriptive statistics	Related Chapters of Course Sources
4	Normal distribution	Related Chapters of Course Sources
5	Normal distribution	Related Chapters of Course Sources
6	Hypothesis testing	Related Chapters of Course Sources
7	Mid-term Exam	Related Chapters of Course Sources
8	SPSS Environment	Related Chapters of Course Sources
9	Descriptive statistics in SPSS	Related Chapters of Course Sources
10	Correlation	Related Chapters of Course Sources
11	Regression	Related Chapters of Course Sources
12	Categorical data	Related Chapters of Course Sources
13	Review of the Semester	Related Chapters of Course Sources
14	Review of the Semester	Related Chapters of Course Sources
15	Final Exam	Related Chapters of Course Sources

ECTS / WORKLOAD TABLE

Presentation / Seminar			
Hours for off-the-classroom study (Pre-study, practice)	14	3	42
Midterm Exam	1	12	12
Final examination	1	14	14
Total Work Load			
ECTS		8	

GENERAL PRINCIPLE RELATED WITH COURSE

Dear students,

In order to be included, learn and achieve full success that you deserve in the courses you need to come well prepared by reading the basic and secondary textbooks. We are expecting from you carefully to obey to the course hours, not to interrupt the lessons unless is very indispensable, to be an active participant on the courses, easily to communicate with the other professor and classmates, and to be interactive by participating to the class discussions. In case of unethical behavior both in courses or on exams, will be acting in framework of the relevant regulations. The attendance of the students will be checked in the beginning, in the middle or at the end of the lessons. Throughout the semester the students who attend to all lectures will be given 15 activity-attendance points in addition to their exam grades.

SOURCES**COMPULSORY LITERATURE**

No	Name of the book	Author's Name, Publishing House, Publication Year
1	Nitel Araştırma: Neden, Nasıl, Niçin?	Atila Yüksel Burak, Mil Yasin, Bilim Detay Yayıncılık
2	Statistics for Psychology	Aron, A., Coups, E. J. & Aron, E. N. 2013
3		

ADDITIONAL LITERATURE

No	Name of the book	Author's Name, Publishing House, Publication Year
1	Nitel Araştırma Yöntemleri	Türker Baş, Ulun Akturan, Seçkin Yayıncılık
2	Discovering statistics using SPSS	Sage Field, A., London, 2009
3		

EVALUATION SYSTEM

Underlying the Assessment Studies	NUMBER	PERCENTAGE OF GRADE
Attendance/Participation	15	%10
Project / Event	1	%20
Mid-Term Exam	1	%35
Final Exam	1	%35
TOTAL	17	%100

ETHICAL CODE OF THE UNIVERSITY

In case of the students are cheating or attempt to cheat on exams, and in the case of not to reference the sources used in seminar studies, assignments, projects and presentations, in accordance to the legislations of the Ministry of Education and Science of Republic of Macedonia and International Vision University, will be applied the relevant disciplinary rules. International Vision University students are expected never to attempt to this kind of behavior.