

<b>Course unit code</b>	BE 220
<b>Course unit title</b>	Scientific Methodology

GENERAL INFORMATION			
<b>Study program</b>	Undergraduate study program: Economics and Business economics	<b>Year</b>	1.
<b>Director of the course and assistant</b>	Assistant Professor, Sanja Blažević, Ph.D. E-mail: sanja.blazevic@unipu.hr		
<b>Course status</b>	Mandatory	X	Elective
<b>Credits allocated and type of lectures</b>			
		Winter semester	Summer semester
<b>ECTS students workload</b>			3
<b>Number of hours per semester</b>			30 (1+1)

#### Course objectives, teaching and learning methods and learning outcomes

The fundamental objective of the course is to help students master the concepts and methodology in the field of research with focus on students' papers. Instruction, in the form of workshops will enable students to develop the ability to work in a team and to develop the capacity for critical thinking and discussion as well as to prepare themselves properly for writing papers during their study.

Specifics are reflected in the fact that after the course students should be able to:

1. search databases and literature with the use of appropriate open source software  
Activities: search default database and finding/investigating literature on the topic they have chosen during lectures with the continued use of suitable programs  
Method of evaluation : homework , exercises
2. to understand methodological concepts in the field of research methodology  
Activities : leading discussions on selected topics in the classroom ( in the form of workshops )  
Method of evaluation : an activity in class , exercise
3. critical reflection on the process of research  
Activities : simulating research ( in the form of workshops )  
Method of evaluation : an activity in class , exercise

#### Requirements, correspondence and correlativity

The course is a prerequisite for mastering the content of other courses during the study. Students will learn the art of writing and the quality of using methodological tools for conducting research and critical thinking about topics which will be addressed during the study.

#### Course content (list of topics)

- Introduction in the course. Classification and interpretation of concepts in the field of research methodology.
- Nature of research. Types of research.
- Ethics in research. Ethical behavior of students while conducting research.
- Phases of the research process. Choosing an appropriate methodological approach.
- Selection, formulation and precise determination of areas and subjects of research.
- Critical literature search and analysis. Literature classification and organization.

- Designing objectives and research purposes. Formulating a hypothesis.
- Designing a draft research.
- Methods of data collection. Determination of the sample.
- Choosing the instrument of research. Examples: Creating a poll. Conducting interviews.
- Conducting interviews.
- Observation methods
- Case study as a method.
- Instructions for student papers .
- Presentation of student research report. Conducting peer reviewing.

#### Modes of instruction and acquiring knowledge (mark in bold)

<b>Lectures</b>	<b>Seminars and workshops</b>	Exercises	<b>Individual tasks</b>	<b>Multimedia and internet</b>
<b>Distance learning</b>	<b>Counseling</b>	Laboratory	Tutorial	Fieldwork

#### Student requirements

- Write a seminar.
- Write and present their research report on chosen topic
- Final written exam

#### Assessment and evaluation of students (mark in bold)

Attendance	Class participation	<b>Seminar paper</b>	Experimental work
<b>Written exam</b>	Oral exam	Essay	<b>Research</b>
Project	Continuous assessment	Report	Practical work

#### Assessment breakdown within the *European credit transfer system*

REQUIREMENTS	HOURS (estimation)	LEARNING OUTCOMES	SHARE IN ECTS	SHARE IN GRADE
Write a seminar	20	1 - 3	0,6	0 – 20%
Write research report	10	1 - 3	0,6	0 – 20%
Present research	5	1 - 3	0,3	0 – 10%
Written exam	25	1 - 3	1,5	0 – 50%

#### Bibliography

##### Mandatory bibliography

Zikmund, W. et al. (2008) Business Research Methods, 9<sup>TH</sup> ED., South-Western Cernage Learning, USA

##### Additional bibliography

#### Additional information on the course

Students will receive written materials.