

EUROPEAN PROGRAM:
2nd YEAR / 3rd SEMESTER – A.Y. 2025/26
COURSE: BASIS OF SCIENTIFIC RESEARCH
COURSE DIRECTOR: PROF. GRZEGORZ BROŻEK

LECTURES – e-learning

#	Topic
1	Database – preparation, variables and coding (MK)
2	Cause-effect relationship. Possibilities and limitations of analysis, interpretation of scientific results (MK)
3	The research protocol design in a scientific study (MK)
4	Scientific Methods 1 (JEZ)
5	Scientific Methods 2 (JEZ)
6	Medical research paper (JEZ)
7	Quantitative and qualitative research methods (JEZ)
8	Basic types of experimental studies (GB)
9	Types of observational studies in medical research (KB)

SEMINARS
Wednesday

	Date (8.30-11.30)	Topic (Instructor*)	Room
1.	Oct 8	Model of scientific research - research on the diet and nutritional status of the population in epidemiological studies (IZZ)	105
2.	Oct 15	Scientific report – abstract, poster, report, article (SzSz)	105
3.	Oct 22	Model of scientific research. Scientific research in epidemiology and health Sciences. Protocol of the questionnaire survey (MK)	406
4.	Oct 29	Study protocol (GB)	412
5.	Nov 5	Concepts of scientific cognition, scientific hypotheses (KB)	412

* Instructor

JEZ – Prof. J.E. Zejda

MK – Prof. M. Kowalska

GB – Prof. G. Brożek

KB – Dr hab. K. Barański

SzSz – Dr hab. Sz. Szemik

IZZ – Dr I. Zieleń-Zynek