



48SJO-ITAB
2024
ECTS: 2.00

Course syllabus – part A
Information Technology and Biostatistics

SUBJECT MATTER CONTENT:

TEACHING OBJECTIVE:

The goal of the laboratory is getting knowledge about main software which allow to gain, process, share and present information. Introduction students to the methods of statistical analysis of data in medical research.

Learning the statistical analysis of data and the use of the Statistica or SPSS program in statistical analysis

DESCRIPTION OF THE LEARNING OUTCOMES OF THE COURSE IN RELATION TO THE DESCRIPTION OF THE CHARACTERISTICS OF THE SECOND LEVEL LEARNING OUTCOMES FOR QUALIFICATIONS AT LEVELS 6-8 OF THE POLISH QUALIFICATION FRAMEWORK IN RELATION TO THE SCIENTIFIC DISCIPLINES AND THE EFFECTS FOR FIELDS OF STUDY:

Symbols for outcomes related to the discipline:

M/NMA_P7S_KO+, M/NMA_P7S_UW++, M/NMA_P7S_WG++++

Symbols for outcomes related to the field of study:

K.7.+, B.U8.+, B.U9.+, B.W23.++, B.W24.++

LEARNING OUTCOMES (Knowledge, Skills, Social competence):

K1

U1

U2

W1

W2

W3

TEACHING FORMS AND METHODS:

Classes-['W1', 'U1', 'K1', 'W2', 'U2', 'W3']--

FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Classes-(Report)-['W1', 'U1']-

Classes-(Competention test)-['K1', 'W2', 'U2', 'W3']-

Classes-(Evaluation of the work and cooperation in the group)-['W2', 'U2', 'W3']-

Legal acts specifying learning outcomes: 467/2024 (Medicine),
Status of the course:
Group of courses:
Discipline: Medical Sciences

Program: Medicine
Form of studies:full-time
Level of studies: uniform master's studies

Introductory subject: -

Prerequisites: -

Coordinators:

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Literature:

1. ***Statistics in medicine***, Riffenburgh R.H, Elsevier Academic Press, 2006, Strony: , Tom: (literatura podstawowa)
2. ***Medical Statistics***, Machin D., Campbell M.J., Walters S.J., , John Wiley and Sons Ltd, 2010, Strony: , Tom: (literatura podstawowa)
3. , ***documentation Google Docs***, none, none, 2020, Strony: , Tom: (literatura podstawowa)
4. ***Prezi Tutorials***, none, none, 2020, Strony: , Tom: (literatura podstawowa)
5. ***Wordpress Tutorials***, none, none, 2020, Strony: , Tom: (literatura podstawowa)
6. <https://docs.tibco.com/data-science/textbook> (literatura uzupełniająca)
7. ***Oxford Handbook of Medical Statistics***, Peacock J.L., Peacock P.J., Oxford Univ. Press, 2011, Strony: , Tom: (literatura uzupełniająca)



Detailed description of ECTS credits awarded - part B
Information Technology and Biostatistics

48SJO-ITAB

2024

ECTS: 2.00

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

- participation in:	25 h
- participation in:	5 h
- consultation	2 h
Total:	32 h

2. Independent work of a student:

8.00 h
10.00 h
10.00 h
Total: 28.00 h

Total (contact hours + independent work of a student) : 60.00 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS,
ECTS Points = 60.00 h : 25 h/ECTS = **2.00** ECTS

Average: 2.00 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher	1.07 ECTS
- including the number of ECTS credits for hours of independent work of a student	0.93 ECTS