

**6148SJ-IIT47****ECTS: 0,5****YEAR: 2019Z****INTEGRATED AND INTERDISCIPLINARY TRAINING 4****INTEGRATED AND INTERDISCIPLINARY TRAINING 4****COURSE CONTENT
CLASSES**

The use of laboratory diagnostics in the diagnosis of the patient in selected cases associated with: 1) hematologic and coagulation systems 2) cancers 3) urinary system 4) digestive system 5) cardiovascular system

LECTURES

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EDUCATIONAL OBJECTIVE:

Students should be able to select appropriate tests for the diagnosis of organ disorders.

**DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR
LEARNING OUTCOMES**

Codes of learning outcomes in a major field
of study:

Codes of learning outcomes in a major area of study: B.W.29. +, E.U24. +, E.W24. +, E.W37. +, E.W38. +, E.W39. +, K.4. +,

LEARNING OUTCOMES:**Knowledge**

W1 - Student knows the basic quantitative parameters describing the performance of individual systems and organs, including the reference values and demographic factors affecting the value of these parameters. He knows the types of biological materials used in laboratory diagnosis and the rules for the collection of research material. He knows theoretical basis and practical laboratory diagnostics. He knows and understand the possibilities and limitations of laboratory tests in emergencies. He knows the basics of early detection of cancer and screening rules in oncology.

Skills

U1 - Student interprets the laboratory results and identify the reasons for abnormalities.

Social competence

K1 - Student is aware of his own limitations and has the ability to lifelong learning.

BASIC LITERATURE

1) Solnica B., Diagnostyka laboratoryjna, wyd. PZWL, 2013r. ; 2) Kumar P., Clark M., Diagnostyka i terapia w praktyce lekarskiej, wyd. Elsevier, 2011 ; 3) Neumeister B., Besenthal I., Diagnostyka laboratoryjna, wyd. Elsevier, 2013

SUPPLEMENTARY LITERATURE

Proszę uzupełnić literaturę uzupełniającą.

Course/module:

Integrated and Interdisciplinary Training 4

Fields of education:

Obszar nauk medycznych, nauk o zdrowiu i nauk o kulturze fizycznej

Course status: mandatory

Course group: B - przedmioty kierunkowe

ECTS code: 12048-3-B

Field of study: Medicine

Specialty area: Medicine

Educational profile: Practical

Form of study: full-time

Level of study: uniform master's studies

Year/semester: 4 / 7

Type of course:

Classes

Number of hours per semester/week: Classes: 12

Teaching forms and methods

Classes(K1, U1, W1) : presentation with discussion

Form and terms of the verification results:

CLASSES: Competention test - Positive pass single-choice tests of all exercises. Passing threshold of 60%.(K1, U1, W1)

Number of ECTS points: 0,5

Language of instruction: English

Introductory courses:

laboratory diagnostics, pathophysiology, physiology

Preliminary requirements:

laboratory diagnostics, pathophysiology, physiology

Name of the organizational unit offering the course:

null,

Person in charge of the course:

mgr Anna Bieńkowska-Iwanik,

Course coordinators:**Notes:**

Detailed description of the awarded ECTS points - part B

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INTEGRATED AND INTERDISCIPLINARY TRAINING 4 **INTEGRATED AND INTERDISCIPLINARY TRAINING 4**

The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	12 h.
- consultation	2 h.
	14 h.

2. Student's independent work:

0 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 14 h : 25 h/ECTS = 0,56 ECTS
on average: **0,5 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	0,56 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	-0,06 ECTS points,