



**48SJ-IIT47**  
**ECTS: 0.56**  
**CYCLE: 2023Z**

## Course syllabus - part A Integrated and Interdisciplinary Training 4

### SUBJECT MATTER CONTENT

#### CLASSES

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

#### TEACHING OBJECTIVE

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

#### 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/NM+++, M/NMA\_P7S\_KR+, M/NMA\_P7S\_KO+, M/NMA\_P7S\_WG+++, M/NMA\_P7S\_UW+

##### Symbols for outcomes related to the field of study:

E.W40.+ , E.W41.+ , K.5.+ , E.W39.+ , E.U24.+ , E.W24.+

#### LEARNING OUTCOMES:

##### Knowledge:

W1 - (E.W24). basic of early cancer detection and principles of screening in oncology; (E.W39.) types of biological materials used in laboratory diagnostics and principles of sampling for research; (E.W40.) theoretical and practical foundations of laboratory diagnostics; (E.W41.) possibilities and limitations of emergency laboratory tests;

##### Skills:

U1 - (E.U24) interpret laboratory results and identify the causes of deviations from the reference values

##### Social competence:

K1 - K1 - (K.5.) perceiving and recognizing one's own limitations and self-assessing educational deficits and needs;

#### TEACHING FORMS AND METHODS:

Classes(W1;U1;K1);presentation

#### FORM AND CONDITIONS OF VERIFYING LEARNING OUTCOMES:

Classes (Competence test) - single choice - 60% to pass -

**Legal acts specifying learning outcomes:** 672/2020, 3112022  
**Disciplines:** medical sciences  
**Status of the course:** Obligatory  
**Group of courses:** B - przedmioty kierunkowe  
**Code:** ISCED 0912  
**Field of study:** Medicine, Medicine  
**Scope of education:**  
**Profile of education:** General academic  
**Form of studies:** full-time  
**Level of studies:** uniform master's studies  
**Year/semester:** 4/7

**Types of classes:** Classes  
**Number of hours in semester:** Classes: 12.00  
**Language of instruction:** English  
**Introductory subject:** laboratory diagnostics, pathophysiology, physiology  
**Prerequisites:** laboratory diagnostics, pathophysiology, physiology

**Name of the organisational unit conducting the course:** Katedra Psychologii i Socjologii Zdrowia oraz Zdrowia Publicznego  
**Person responsible for the realization of the course:** mgr Anna Bieńkowska, dr n. med. Blanka Wolszczak-Biedrzycka  
**e-mail:**

#### Additional remarks:

**BASIC LITERATURE:**

**SUPPLEMENTARY LITERATURE:**



## Detailed description of ECTS credits awarded - part B

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### Integrated and Interdisciplinary Training 4

The number of ECTS credits awarded consists of:

1. Contact hours with the academic teacher:

- participation in: Classes
- consultation

12.0 h

2.0

Total: 14.0 h.

2. Independent work of a student:

Total: 0 h

contact hours + independent work of a student Total: 14.0 h

1 ECTS credit = 25-30 h of an average student's work, number of ECTS credit =  $14.0 \text{ h} : 25.0 \text{ h/ECTS} = 0.56$  ECTS on average: 0.5 ECTS

- including the number of ECTS credits for contact hours with the direct participation of an academic teacher: 0,00 ECTS points,

- including the number of ECTS credits for hours of independent work of a student: