# DESCRIPTION OF THE COURSE OF STUDY

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| **Course code** |  | **0912.4.LEK.A.EHS** |
| **Name of the course in** | Polish | **Bezpieczeństwo i higiena pracy z elementami ergonomii** |
| English | **Elements of Health and Safety with elements of ergonomics** |

1. **LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES**

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| **1.1. Field of study** | Medicine |
| **1.2. Mode of study** | Full-time |
| **1.3. Level of study** | Uniform Master’s study |
| **1.4. Profile of study\*** | General academic |
| **1.5. Person preparing the course description** | Bartosz Garus MD |
| **1.6. Contact** | Wnoz\_ujk@edu.pl |

1. **GENERAL CHARACTERISTICS OF THE COURSE OF STUDY**

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| **2.1. Language of instruction** | English |
| **2.2. Prerequisites\*** | ------------ |

1. **DETAILED CHARACTERISTICS OF THE COURSE OF STUDY**

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| **3.1. Form of classes** | | **Lecture- 5 h** |
| **3.2. Place of classes** | | **Online** |
| **3.3. Form of assessment** | | **Credit** |
| **3.4. Teaching methods** | | **Lecture (materials prepared to online self-study)** |
| **3.5. Bibliography** | **Required reading** | S. Gillespie, K. Bamford, *Medical Microbiology and Infection at a Glance.* Wiley-Blackwell. Fourth Edition. |
| **Further reading** | David L. Katz, Joann G. Elmore, *Jekel’s Epidemiology, Biostatistics, Preventive Medicine, and Public Health.* Elsevier. Fourth Edition.  www.who.int www.cdc.gov www.sejm.gov.pl |

1. **OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES**

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| **4.1. Course objectives (lecture)**  C1 – Presentation of basic information about the work environment and its impact on safety during the working processes.  C2 – Acquaint students with the requirements connected with the organisation of safe work, both in terms of physical work environment and human behavior.  C3 – Make the listeners aware of the need to predict the consequences of their behavior in any job, as well as in other areas of activity. |
| **4.2. Detailed syllabus (lecture)**  • Legal norms in the field of occupational health and safety. Rights and responsibilities of the students in the field of work safety.  • Students’ potential health hazards at the work environment and its impact on safety during the work.  • Procedure after occupational exposure to bloodborne pathogens, including hepatitis B virus (HBV), hepatitis C virus (HCV), and human immunodeficiency virus (HIV).  • Rules of students behaviour at different learning units.  • Elements of ergonomics, physiology and occupational hygiene.  • Instructions to be followed in case of emergency (fire, accident, terrorism). |

**4.3 Education outcomes in the discipline**

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| **Code** | **A student, who passed the course** | **Relation to teaching outcomes** |
|  | within the scope of **KNOWLEDGE**, the graduate knows and understands**:** | |
| W01 | Determinants of diseases, methods for identifying and studying disease risk factors, advantages and disadvantages of epidemiological studies, and principles of causal inference in medicine; | G.W2. |
| W02 | Legal regulations concerning patient rights and the Patient Ombudsman, as well as important legal regulations in the field of labor law, the basics of practicing as a physician, and the functioning of the medical self-government; | G.W5. |
|  | within the scope of **ABILITIES**, the graduate knows how to**:** | |
| U01 | Explain to healthcare recipients their basic rights and the legal basis for providing these services; | G.U5. |
| U02 | Act in a way that avoids medical errors and ensures the quality of healthcare and patient safety, and critically analyze medical errors and adverse events; | G.U8. |
| U03 | Organize the work environment in a way that ensures the safety of the patient and other people, taking into account the influence of human factors and ergonomic principles; | G.U10. |
| within the scope of **SOCIAL COMPETENCE**, the graduate is able to: | | |
| K01 | Recognize his/her own limitations and self-evaluate educational deficiencies and needs; | K.S5. |
| K02 | Use reliable information sources; | K.S7. |
| K03 | Take responsibility for own decisions made during professional activities including own safety and safety of other people; | K.S11. |

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| **4.4. Methods of assessment of the intended teaching outcomes** | | | | | | | | | | |
| **Teaching** **outcomes**  ***(code)*** | **Method of assessment (+/-)** | | | | | | | | | |
| **Test on-line\*** | | | **Self-study\*** | | | **Others (Group**  **work)\*** | | | |
| ***Form of classes*** | | | ***Form of classes*** | | | ***Form of classes*** | | | |
| *L* | *C* | *...* | *L* | *C* | *...* | *L* | *C* | *...* |
| W01 | ***+*** |  |  | ***+*** |  |  | ***+*** |  |  |
| W02 | ***+*** |  |  | ***+*** |  |  | ***+*** |  |  |
| U01 | ***+*** |  |  | ***+*** |  |  | ***+*** |  |  |
| U02 | ***+*** |  |  | ***+*** |  |  | ***+*** |  |  |
| U03 | ***+*** |  |  | ***+*** |  |  | ***+*** |  |  |
| K01-K03 |  |  |  |  |  |  | ***+*** |  |  |

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| **4.5. Criteria of assessment of the intended teaching outcomes** | | |
| **Form of classes** | **Grade** | **Criterion of assessment** |
| **)** | **credit** | Passing the test verifying the achievement of learning outcomes in terms of knowledge and skills at the level of above 61% |
| **lecture (L** |  |  |

1. **BALANCE OF ECTS CREDITS – STUDENT’S WORK INPUT**

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| **Category** | **Student's workload** |
| **Full-time studies** |
| *NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/* | **5** |
| *Participation in lectures\** |  |
| *Participation in classes, seminars, laboratories\** |  |
| *Preparation in the exam/ final test\** |  |
| *Others\** |  |
| *INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/* | **0** |
| *Preparation for the lecture\** |  |
| *Preparation for the classes, seminars, laboratories\** |  |
| *Preparation for the exam/test\** |  |
| *Gathering materials for the project/Internet query\** |  |
| *Preparation of multimedia presentation* |  |
| *Others\** |  |
| *TOTAL NUMBER OF HOURS* | **5** |
| ECTS credits for the course of study | **0** |

***\*delete as appropriate***

***Accepted for execution*** *(date and signatures of the teachers running the course in the given academic year)*

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