**DESCRIPTION OF THE COURSE OF STUDY**

|  |  |  |
| --- | --- | --- |
| **Course code** | 0912-7LEK-F50-M | |
| **Name of the course in** | Polish | ***Metodyka pisania prac naukowych*** |
| English | ***Methodology of writing scientific papers*** |

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

|  |  |
| --- | --- |
| * 1. **Field of study** | medicine |
| * 1. **Mode of study** | Full-time |
| * 1. **Level of study** | Uniform Master’s studies |
| * 1. **Profile of study\*** | Practical |
| * 1. **Person preparing the course description** |  |
| * 1. **Contact** |  |

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

|  |  |
| --- | --- |
| * 1. **Language of instruction** | English |
| * 1. **Prerequisites\*** |  |

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

|  |  |  |
| --- | --- | --- |
| * 1. **Form of classes** | | classes 15h |
| * 1. **Place of classes** | | Classes in the teaching rooms of Collegium Medicum UJK |
| * 1. **Form of assessment** | | Credit with grade |
| * 1. **Teaching methods** | |  |
| * 1. **Bibliography** | **Required reading** |  |
| **Further reading** |  |

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

|  |
| --- |
| * 1. **Course objectives (including form of classes)** |
| * 1. **Detailed syllabus (including form of classes)** |

* 1. **Intended learning outcomes**

|  |  |  |
| --- | --- | --- |
| **Code** | **A student, who passed the course** | **Relation to learning outcomes** |
| In the field of **KNOWLEDGE**, the graduate knows and understands: | | |
| W01 | the basic computer and biostatistical tools used in medicine, including medical databases, spreadsheets and basics of computer graphics; | B.W26 |
| W02 | the basic methods of statistical analysis used in population and diagnostic studies; | B.W27 |
| W03 | the possibilities of modern telemedicine as a tool to support the work of a physician; | B.W28 |
| WO4 | the principles of conducting scientific research, observational and experimental as well as in vitro studies aimed at the development of medicine | B.W29 |
| In the field of **SKILLS,** the graduate knows how to: | | |
| U01 | use databases, including online ones and searches for necessary information using available tools; | B.U10. |
| U02 | select appropriate statistical tests, performs basic statistical analyses, use suitable methods of presentation of results, interpret the results of the meta-analysis and carry out analysis of the likelihood of survival; | B.U11. |
| U03 | explain the differences between prospective and retrospective studies, randomized and case/control studies and experimental research, and rank them according to the reliability and quality of scientific evidence; | B.U12. |
| U04 | plan and perform basic scientific research, interprets the results and draws conclusions. | B.U13. |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| * 1. **Methods of assessment of the intended learning outcomes** | | | | | | | | | | | | | | | | | | | | | |
| **Teaching**  **outcomes**  **(code)** | **Method of assessment (+/-)** | | | | | | | | | | | | | | | | | | | | |
| **Exam oral/written\*** | | | **Test\*** | | | **Project\*** | | | **Effort**  **in class\*** | | | **Self-study\*** | | | **Group work\*** | | | **Others\*** | | |
| ***Form of classes*** | | | ***Form of classes*** | | | ***Form of classes*** | | | ***Form of classes*** | | | ***Form of classes*** | | | ***Form of classes*** | | | ***Form of classes*** | | |
| *L* | *C* | *...* | *L* | *C* | *...* | *L* | *C* | *...* | *L* | *C* | *...* | *L* | *C* | *...* | *L* | *C* | *...* | *L* | *C* | *...* |
| ...W01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...U01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ...K01 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ... |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

***\*delete unnecessary***

|  |  |  |
| --- | --- | --- |
| * 1. **Criteria of assessment of the intended learning outcomes** | | |
| **Form of classes** | **Grade** | **Criterion of assessment** |
| **lecture (L)** | **3** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 61-68% oraz obecność na zajęciach |
| **3,5** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 69-76% oraz obecność na zajęciach |
| **4** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 77-84% oraz obecność na zajęciach |
| **4,5** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 85-92% oraz obecność na zajęciach |
| **5** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 93-100% oraz obecność na zajęciach |
| **classes (C)\*** | **3** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 61-68% oraz obecność na zajęciach |
| **3,5** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 69-76% oraz obecność na zajęciach |
| **4** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 77-84% oraz obecność na zajęciach |
| **4,5** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 85-92% oraz obecność na zajęciach |
| **5** | Zaliczenie kolokwium weryfikującego osiągnięcie efektów kształcenia w zakresie wiedzy i umiejętności na poziomie 93-100% oraz obecność na zajęciach |

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

|  |  |
| --- | --- |
| **Category** | **Student's workload** |
| **Full-time**  **studies** |
| ***NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/*** | ***15*** |
| *Participation in lectures\** |  |
| *Participation in classes, seminars, laboratories\** | *15* |
| *Preparation in the exam/ final test\** |  |
| *Others\** |  |
| ***INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/*** | ***10*** |
| *Preparation for the lecture\** |  |
| *Preparation for the classes, seminars, laboratories\** | *10* |
| *Preparation for the exam/test\** |  |
| *Gathering materials for the project/Internet query\** |  |
| *Preparation of multimedia presentation* |  |
| *Others (please specify e.g. e-learning)\** |  |
| ***TOTAL NUMBER OF HOURS*** | ***25*** |
| ***ECTS credits for the course of study*** | ***1*** |

*\*delete unnecessary*

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

*............................................................................................................................*