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|  | | | **UNIVERSITY OF EAST SARAJEVO**  Faculty of Medicine Foča | | | | | | | | | | | Description: logo | | | |
| ***Nursing*** | | | | | | | | | | |
| I study cycle | | | | | | II study year | | | | |
| **Full subject title** | | | EPIDEMIOLOGY | | | | | | | | | | | | | | |
| **Department** | | | Department of Primary Health Care and Public Health, Faculty of Medicine Foča | | | | | | | | | | | | | | |
| **Subject code** | | | | | | **Subject status** | | | | | **Semester** | | | **ECTS** | | | |
|
| NU-05-1-019-3 | | | | | | compulsory | | | | | III | | | 3 | | | |
| **Professor/ -s** | | Full professor Darija Kisić-Tepačević, PhD, full professor Biljana Mijović, PhD | | | | | | | | | | | | | | | |
| **Associate/ - s** | | Senior assistant Milena Dubravac Tanasković | | | | | | | | | | | | | | | |
| **Number of lectures/ teaching workload (per week)** | | | | | | | **Individual student workload (in hours per semester)** | | | | | | | | **Coefficient of student workload So[[1]](#footnote-1)** | | |
| **L** | **AE** | | | | **SP** | | **L** | | | **E** | | **SP** | | | **So** | | |
| 1 | 1 | | | | 0 | | 30 | | | 30 | | 0 | | | 2 | | |
| total teaching workload (in hours, per semester)  15+15+0=30 | | | | | | | | total student workload (in hours, per semester)  30+30+0=60 | | | | | | | | | |
| Total subject workload (teaching + student): 30+ 60= 90 hours per semester | | | | | | | | | | | | | | | | | |
| **Learning outcomes** | | After attending and passing the exam:   1. The student possesses basic knowledge of general epidemiology. 2. The student is able to identify the type of study and calculate basic morbidity and mortality indicators. 3. The student is capable of independently recognizing risk factors for the development of infectious or non-infectious diseases and implementing general and specific preventive measures. 4. The student actively conducts or manages a team in the control of hospital infections within a healthcare institution. | | | | | | | | | | | | | | | |
| **Preconditions** | | No preconditions | | | | | | | | | | | | | | | |
| **Teaching methods** | | Lectures, exercises, seminar, colloquium | | | | | | | | | | | | | | | |
| **Subject content per week** | | **Lectures:**   1. Indicators of Health Disorders Frequency. Sources of Data in Epidemiology. 2. Causality in Epidemiology. Ecological Triad. 3. Descriptive Epidemiology. 4. Descriptive Epidemiology. 5. Types of Epidemiological Studies. Descriptive Studies. Cross-Sectional Studies. 6. Case-Control Studies. Cohort Studies. 7. Experimental Studies. 8. Public Health – Epidemiological Surveillance. 9. Epidemic Investigation. 10. Prevention. Screening for Health Disorders. 11. Reservoir and Source of Infection. Entry and Exit Points of Infection. 12. Modes of Transmission of Infectious Diseases. Disposition. 13. Active and Passive Immunization. 14. Epidemic Investigation. Disease Control Measures. 15. Intrahospital Infections.   **Exercises:**   1. Indicators of Health Disorder Frequency 2. Natural Course of Disease 3. Disposition and Herd Immunity 4. John Snow and Cholera (Descriptive Method) 5. Smoking and Lung Cancer (Analytical Method) 6. Field Experiment (Experimental Method) 7. Immunization (Active and Passive) 8. Screening for Health Disorders 9. Epidemic Investigation 10. Eradication and Elimination of Infectious Diseases 11. Intrahospital Infections 12. Pioneers in Epidemiology (S) 13. Epidemiology and Prevention of Chronic Non-Communicable Diseases (S) 14. Environmental Pollution (Greenhouse Effect, El Niño, Ozone Holes) (S) 15. Bird Flu – Possible Scenarios (Film: National Geographic) | | | | | | | | | | | | | | | |
| **Compulsory literature** | | | | | | | | | | | | | | | | | |
| **Author/s** | | | | **Publication title/Publisher** | | | | | | | | | **Year** | | **Pages (from-to)** | | |
| Janković S, Mijović B, Bojanić J, Jandrić Lj | | | | Epidemiologija, 2nd Edition, Foča: Faculty of Medicine, Banja Luka: Faculty of Medicine | | | | | | | | | 2015 | | 9-126 | | |
| Janković S, Mijović B, Bojanić J, Jandrić Lj, Maksimović N | | | | Practicum. Janković S (editor). Epidemiologija, 2nd Edition, Foča: Faculty of Medicine, Banja Luka: Faculty of Medicine | | | | | | | | | 2015 | | 129-235 | | |
| **Additional literature** | | | | | | | | | | | | | | | | | |
| **Author/s** | | | | **Publication title/Publisher** | | | | | | | | | **Year** | | **Pages (from-to)** | | |
|  | | | |  | | | | | | | | |  | |  | | |
|  | | | |  | | | | | | | | |  | |  | | |
| **Student responsibilities, types of student assessment and grading** | | **Grading policy** | | | | | | | | | | | **Points** | | | | **Percentage** |
| Pre-exam activities | | | | | | | | | | | | | | | |
| lecture/exercise attendance | | | | | | | | | | | 5 | | | 5% | |
| Seminar paper | | | | | | | | | | | 5 | | | 5% | |
| Test 1 | | | | | | | | | | | 10 | | | 10% | |
| Test 2 | | | | | | | | | | | 10 | | | 10% | |
| colloquium | | | | | | | | | | | 20 | | | 20% | |
| Final exam | | | | | | | | | | | | | | | |
| written exam | | | | | | | | | | | 50 | | | 50% | |
| TOTAL | | | | | | | | | | | 100 | | | 100 % | |
| **Certification date** | | December 2024. | | | | | | | | | | | | | | | |

1. The coefficient of student workload So is calculated as it follows:

   а) for the study programs not going through the licensing process: So = (total workload in semester for all of the subjects 900 hrs – total teaching workload L+E in semester for all of the subjects 870 hrs)/ total teaching workload L+E in semester for all of the subjects \_\_\_\_\_ hrs = \_\_\_\_. Consult form content and its explanation.

   b) for the study programs going through the licensing process, it is necessary to use form content and its explanation. [↑](#footnote-ref-1)