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|  | | | **UNIVERSITY OF EAST SARAJEVO**  **Faculty of Medicine Foča** | | | | | | | |  | |
| ***Study program: Nursing*** | | | | | | | |
| I study cycle | | | | III study year | | | |
| **Full subject title** | | | EVIDENCE-BASED MEDICINE | | | | | | | | | |
| **Department** | | | Department of Primary Health Care and Public Health - Faculty of Medicine, Foča | | | | | | | | | |
| **Subject code** | | | | | **Subject status** | | | | **Semester** | | **ECTS** | |
| NU-05-2-042-6 | | | | | изборни | | | | VI | | 5 | |
| **Professor/ -s** | | Associate professor Srđan Mašić associate professor Jelena Pavlović, assistant professor Sandra Matović, assistant professor Natalija Hadživuković | | | | | | | | | | |
| **Associate/ -s** | | Senior assistant Srđan Živanović, senior assistant Dragan Spaić | | | | | | | | | | |
| **Number of lectures/ teaching workload (per week)** | | | | | | **Individual student workload (in hours per semester)** | | | | | | **Coefficient of student workload S** [**1**](#_bookmark0)  **o** |
| **l** | **e** | | | **SP** | | **L** | | **E** | | **SP** | | **So** |
| 2 | 2 | | | 0 | | 45 | | 45 | | 0 | | 1,5 |
| Total teaching workload (in hours, per semester) 30+30+0=60 | | | | | | | total student workload (in hours, per semester) 45+ 45+0=90 | | | | | |
| Total subject workload (teaching + student): 60+ 90= 150 hours per semester | | | | | | | | | | | | |
| **Learning outcomes** | | : Upon completing the course the student will be trained to:   1. The five-step model in the practice of evidence-based medicine. 2. Literature search and critical evaluation of most types of clinical research (interventions, harms, diagnostic tests, and systematic reviews) 3. Scientific evidence in patient care. 4. Assessment of service quality in one's own practice 5. Oral and written methods of presenting research results | | | | | | | | | | |
| **Preconditions** | | (Describe the conditions that must be met in order for a subject to be attended and passed) | | | | | | | | | | |
| **Teaching methods** | | Lectures, exercises, seminar, colloquium | | | | | | | | | | |
| **Subject content per week** | | **Lectures:**   1. Definition and history of evidence-based medicine (EBM**).** EBM as lifelong learning 2. The Five-Step Model of Evidence-Based Medicine EBM 3. Translating information into a research question 4. Literature search. Most commonly used research tools 5. Critical appraisal of the validity and usefulness of evidence. Level of evidence and grade of recommendation. Confidence interval 6. critical appraisal and interpretation of research on diagnostic procedures and tests 7. critical appraisal and interpretation of research on treatment, critical appraisal and interpretation of research on prognosis 8. Critical appraisal and interpretation of research on systematic reviews, guidelines, and pharmaceutical promotional materials 9. Application of research findings in nursing practice, evidence-based foundation of the nursing process 10. Assessment of personal practice. Conducting an audit. 11. Oral presentation of research results, writing a report on research findings 12. Barriers in practicing evidence-based medicine, ethical principles and dilemmas in scientific publishing 13. Patient and decision-making 14. Electronic health documentation | | | | | | | | | | |

11Coefficient of student workload Sois calculated as follows:

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

b) for the study programs going through the licencing process, it is necessary to use form content and its explanation

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|  | 15. Health Information System  **Exercises:**   1. The Role of EBM in Advancing Nursing Practice 2. The Five-Step Model of Evidence-Based Medicine EBM 3. Translating information into a research question 4. Literature search related to nursing diagnosis and treatment of hypertension 5. Critical assessment of the validity and usefulness of evidence. Level of evidence and grade of recommendation. Confidence interval. 6. Critical assessment and interpretation of research on diagnostic procedures and tests for diabetes. 7. Critical assessment and interpretation of research on the treatment of patients with diabetes and the prognosis of breast cancer. 8. Critical assessment and interpretation of research on guidelines for the diagnosis and treatment of COPD (Chronic Obstructive Pulmonary Disease). 9. Application of research results on wound treatment in nursing practice, scientific basis of the nursing process 10. Evaluation of personal practice. Conducting an audit of smoking habits assessment 11. Oral presentation of research results, writing a report on research findings. 12. Barriers in practicing evidence-based medicine. 13. The patient and making the best decision 14. Electronic health documentation 15. Health Information System | | | | |
| **Compulsory literature** | | | | | |
| **Author/ s** | | **Publication title, Publisher** | **Year** | **Pages (from-to)** | |
|  | |  |  |  | |
| Guyatt G. | | Manuel for evidence-based clinical practice. New York, McGraw-Hill | 2008 |  | |
| **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 | | 10 | 10% | |
| Seminar paper | | 10 | 10% | |
| colloquium | | 20 | 20% | |
| Practical work | | 10 | 10% | |
| Final exam | | | | |
| Final test | | 50 | 50% | |
| TOTAL | | 100 | 100 % | |
| **Certification Date** | December 2024. | | | | |