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|  | | | **UNIVERSITY OF EAST SARAJEVO**  Faculty of Medicine | | | | | | | | | | |  | | |
| ***Study program: Medicine*** | | | | | | | | | | |
| Integrated academic studies | | | | | | V study year | | | | |
| **Full course title** | | | CLINICAL ONCOLOGY | | | | | | | | | | | | | |
| **Department** | | | Department of Internal Medicine, Faculty of Medicine in Foča | | | | | | | | | | | | | |
| **Course code** | | | | | | **Course status** | | | | | **Semester** | | | **ECTS** | | |
|
| МЕ-01-1-050-10 | | | | | | compulsory | | | | | X | | | 3 | | |
| **Teacher/-s** | |  | | | | | | | | | | | | | | |
| **Associate/-s** | |  | | | | | | | | | | | | | | |
| **The number of teaching hours / teaching workload (per week)** | | | | | | | **Individual student workload (in hours per semester)** | | | | | | | | **Coefficient of student workload So[[1]](#footnote-2)** | |
| **L** | **E** | | | | **SP** | | **L** | | | **E** | | **SP** | | | **So** | |
| 1 | 2 | | | | 0 | | 1\*15\*1 | | | 2\*15\*1 | | 0 | | | 1 | |
| Total teaching workload (in hours, per semester)  1\*15+ 2\*15+ 0\*15=45 | | | | | | | | Total student workload (in hours, per semester)  1\*15\*1+ 2\*15\*1+ 0\*15\*1=45 | | | | | | | | |
| Total subject workload (teaching+student): 45+45 = 90hours per semester | | | | | | | | | | | | | | | | |
| **Learning outcomes** | | The main aims of education in Clinical oncology are to provide students with knowledge of the origin and onset of a malignant cell, the way that malignant tumors spread, epidemiology and etiology of the above- mentioned, the possibilities of early detection of malignant tumors and premalignant lesions, diagnostics and histological confirmation of malignant tumors. It is necessary for students to get acquainted with teamwork ways of planning oncological treatment, types of treatment and recognition of complications occurring during treatment of patients with malignant tumors. Students will also learn basic principles of palliative care. They will develop critical thinking and knowledge of scientific research. | | | | | | | | | | | | | | |
| **Preconditions** | | Precondition for taking the exam: all the fourth year exams passed | | | | | | | | | | | | | | |
| **Teaching methods** | | Lectures, exercises and seminar papers | | | | | | | | | | | | | | |
| **Course content per week** | | **Lectures**   1. Origin and biology of a malignant cell 2. Carcinogenesis and genetic predisposition 3. Epidemiology of malignant tumors 4. Etiology of malignant tumors 5. Early detection of malignant tumors, diagnosis and pathology of cancer 6. Determining the spread of disease and treatment principles 7. Determining the spread of disease and treatment principles 8. Surgical principles of treatment 9. Basic principles of radiotherapy 10. Basic principles of systemic treatment 11. Basic principles of systemic treatment 12. Emergencies in oncology 13. Emergencies in oncology 14. Complications of oncological treatment 15. Paraneoplastic syndrome   **Exercises**   1. Basic principles of early tumor detection and tumor prevention 2. Basic principles of early tumor detection and tumor prevention 3. Basic principles of internal medicine procedures in oncological diagnostics, determining the stage of a disease and its treatment 4. Basic principles of internal medicine procedures in oncological diagnostics, determining the stage of a disease and its treatment 5. Basic principles of internal medicine procedures in oncological diagnostics, determining the stage of a disease and its treatment 6. Basic principles of internal medicine procedures in oncological diagnostics, determining the stage of a disease and its treatment 7. Basic principles of internal medicine procedures in oncological diagnostics, determining the stage of a disease and its treatment 8. Basic priciples of surgical oncology treatment 9. Basic principles of surgical oncology treatment 10. Basic principles of surgical oncology treatment 11. Basic principles of surgical oncology treatment 12. Basic principles of surgical oncology treatment 13. Palliative care of the oncological patient 14. Palliative care of the oncological patient 15. Oncological rehabilitation | | | | | | | | | | | | | | |
| **Compulsory literature** | | | | | | | | | | | | | | | | |
| **Author/-s** | | | | **Publication title, publisher** | | | | | | | | | **Year** | | **Pages(from-to)** | |
|  | | | |  | | | | | | | | |  | |  | |
|  | | | |  | | | | | | | | |  | |  | |
| **Additional literature** | | | | | | | | | | | | | | | | |
| **Author/-s** | | | | **Publication title, publisher** | | | | | | | | | **Year** | | **Pages (from-to)** | |
|  | | | |  | | | | | | | | |  | |  | |
|  | | | |  | | | | | | | | |  | |  | |
| **Student responsibilities, types of student assessment and grading** | | **Grading policy** | | | | | | | | | | | | **Бодови** | | **Проценат** |
| Pre-exam activities | | | | | | | | | | | | | | |
| lecture attendance | | | | | | | | | | | | 8 | | 8% |
| exercise attendance | | | | | | | | | | | | 17 | | 17 % |
| seminar paper | | | | | | | | | | | | 10 | | 10% |
| colloquium | | | | | | | | | | | | 15 | | 15% |
| Final exam | | | | | | | | | | | | | | |
| solving a practical problem | | | | | | | | | | | | 20 | | 20% |
| written test | | | | | | | | | | | | 30 | | 30% |
| TOTAL | | | | | | | | | | | | 100 | | 100 % |
| **Certification date** | | December 13 th 2018 | | | | | | | | | | | | | | |

\* the number of necessary rows is added by using *insert mode*

1. [↑](#footnote-ref-2)