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|  | | | **UNIVERSITY OF EAST SARAJEVO**  Faculty of Medicine | | | | | | | | | | |  | | | |
| ***Study program: medicine*** | | | | | | | | | | |
| Integrated academic studies | | | | | | III study year | | | | |
| **Full subject title** | | | NEW METHODS IN RADIOLOGY | | | | | | | | | | | | | | |
| **Department** | | | Department of Propedeutics Faculty of Medicine Foca | | | | | | | | | | | | | | |
| **Subject code** | | | | | | **Subject status** | | | | | **Semester** | | | **ECTS** | | | |
|
| МЕ-01-2-030-5 | | | | | | elective | | | | | V | | | 1 | | | |
| **Professor/ -s** | | Full professor Vera Artiko MD, PhD; Full professor Biljana Marković-Vasiljković MD, PhD; assistant professor Nataša Prvulović-Bunović, MD, PhD; assistant professor Jasmina Bajrović, MD, PhD; assistant professor Vedran Markotić, MD, PhD | | | | | | | | | | | | | | | |
| **Associate/ - s** | |  | | | | | | | | | | | | | | | |
| **Number of lectures/ 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** | | | **L** | | |
| 1 | 0 | | | | 0 | | 1\*15\*1 | | | 0\*15\*1 | | 0\*15\*1 | | | 1 | | |
| total teaching workload (in hours, per semester)  1\*15 + 0\*15 + 0\*15 =15 | | | | | | | | total teaching workload (in hours, per semester)  1\*15\*1 + 0\*15\*1 + 0\*15\*1 = 15 | | | | | | | | | |
| Total subject workload (teaching + student): 15 + 15 = 30 hours | | | | | | | | | | | | | | | | | |
| **Learning outcomes** | | 1. Knowledge of potentials and indications of new methods in radiology through an example of a given disease. | | | | | | | | | | | | | | | |
| **Preconditions** | | Requirement for taking the exam: all passed exams from the previous year of study | | | | | | | | | | | | | | | |
| **Teaching methods** | | Lectures, seminars and consultations | | | | | | | | | | | | | | | |
| **Subject content per week** | | **Lectures**   1. Presentation skills- how to design and defend the seminar   2. Modern achievements in digital radiography  3. Modern application of ultrasound and dopler diagnostics  4. Modern application and possibilities of spiral CT  5. Modern possibilities of magnetic resonance  6. High-resolution CT lung  7. Coronarography  8. Contemporary Nuclear Medical Diagnostics of the Heart  9. ERCP-endoscopic retrograde holangiopancreatography  10. Interventional nephrostomy  11. Modern neuroradiology  12. BIRADS- Categorization of Breast Diagnosis  13. MR joint diagnostics  14. Vertebroplastics  15. Emergency Radiology | | | | | | | | | | | | | | | |
| **Compulsory literature** | | | | | | | | | | | | | | | | | |
| **Author/s** | | | | **Publication title/Publisher** | | | | | | | | | **Year** | | | **Pages (from-to)** | |
|  | | | | Srart plus radiology. CD edition. WUS Austria | | | | | | | | | 2005. | | |  | |
|  | | | | Web sites with radiological images of the given diseases | | | | | | | | |  | | |  | |
|  | | | |  | | | | | | | | |  | | |  | |
| **Additional literature** | | | | | | | | | | | | | | | | | |
| **Author/s** | | | | **Publication title/Publisher** | | | | | | | | | **Year** | | | **Pages (from-to)** | |
|  | | | |  | | | | | | | | |  | | |  | |
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| **Student responsibilities, types of student assessment and grading** | | **Grading policy** | | | | | | | | | | | | **Points** | | | **Percentage** |
| Pre-exam activities | | | | | | | | | | | | | | | |
| Seminar papers | | | | | | | | | | | | 50 | | | 50% |
| Final exam | | | | | | | | | | | | | | | |
| Written test | | | | | | | | | | | | 50 | | | 50% |
| TOTAL | | | | | | | | | | | | 100 | | | 100 % |
| **Certification date** | | December 13 th 2018 | | | | | | | | | | | | | | | |

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-2)