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|  | | | **UNIVERSITY OF EAST SARAJEVO**  Faculty of Medicine | | | | | | | | | | |  | | |
| ***Study program: Medicine*** | | | | | | | | | | |
| Integrated academic studies | | | | | | V study year | | | | |
| **Full course title** | | | PAIN MEDICINE | | | | | | | | | | | | | |
| **Department** | | | Department of Surgery, Faculty of Medicine in Foča | | | | | | | | | | | | | |
| **Course code** | | | | | | **Course status** | | | | | **Semester** | | | **ECTS** | | |
|
| МЕ-01-2-052-9 | | | | | | elective | | | | | IX | | | 1 | | |
| **Teacher/-s** | | Associate professor Sanja Marić, MD, PhD; Associate professor Milivoje Dostić, MD, PhD | | | | | | | | | | | | | | |
| **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 | 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 student workload (in hours, per semester)  1\*15\*1 +0\*15\*1 + 0\*15\*1= 15 | | | | | | | | |
| Total subject workload (teaching+student): 15 + 15 = 30 hours per semester | | | | | | | | | | | | | | | | |
| **Learning outcomes** | | By the end of this course students will be able to:  1. Master the basics of pathophysiology of pain  2. Assess pain independently and apply appropriate pain assessment scales  3. Apply basic diagnostic methods  4. Apply basic therapeutic procedures according to types of pain syndromes | | | | | | | | | | | | | | |
| **Preconditions** | | Precondition for taking the exam: all of the fourth year exams passed | | | | | | | | | | | | | | |
| **Teaching methods** | |  | | | | | | | | | | | | | | |
| **Course content per week** | | **Lectures**  1. Neuroanatomy of pain pathways др Миливоје Достић)  2. Pathophysiology of pain др Сања Марић)  3. Pain assessment (Доц др Миливоје Достић)  4. Non-opioid painkillers др Сања Марић)  5. Opioid pain killers (Доц др Миливоје Достић)  6. Coanalgesics (Доц др Сања Марић)  7. Non-pharmacological methods of pain management (Доц др Миливоје Достић)  8. Acute pain (Доц др Сања Марић)  9.Postoperative pain, traumatic pain (Доц др Миливоје Достић)  10.Visceral pain Доц др Сања Марић)  11.Chronic pain syndrome (Доц др Сања Марић)  12.Neuropathic pain (Доц др Миливоје Достић)  13.Cancer pain Доц др Сања Марић)  14.Headaches and orofacial pain др Сања Марић)  15.Pain according to special age groups (Доц др Миливоје Достић) | | | | | | | | | | | | | | |
| **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** | | | | | | | | | | | | **Points** | | **Percentage** |
| Pre-exam activities | | | | | | | | | | | | | | |
| lecture/exercise attendance | | | | | | | | | | | | 30 | | 30% |
| seminar paper | | | | | | | | | | | | 20 | | 20% |
| Final exam | | | | | | | | | | | | | | |
| Written test | | | | | | | | | | | | 50 | | 50% |
| TOTAL | | | | | | | | | | | | 100 | | 100 % |
| **Certification date** | | December 13 th 2018 | | | | | | | | | | | | | | |

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

1. 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+Ein semester for all of the subjects 870 hrs)/ total teaching workload L+Ein semesterfor 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)