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|  **UNIVERSITY OF NIŠ** |
| **Course Unit Descriptor** | **Faculty**  |  |
| **GENERAL INFORMATION** |
| Study program  | **Medicine** |
| Study Module (if applicable) |  |
| Course title | Occupational medicine |
| Level of study | ☐Bachelor x Master’s ☐ Doctoral |
| Type of course | x Obligatory ☐ Elective |
| Semester  |  ☐ Autumn xSpring |
| Year of study  | 5 |
| Number of ECTS allocated | 2 |
| Name of lecturer/lecturers |

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| Jovanović M. Jovica | redovni profesor |
| Aranđelović Ž. Mirjana | redovni profesor |

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| Teaching mode |  xLectures ☐Group tutorials ☐ Individual tutorials ☐Laboratory work ☐ Project work x Seminar ☐Distance learning ☐ Blended learning x Other |
| **PURPOSE AND OVERVIEW (max. 5 sentences)** |
| Acquisition of knowledge in the fields of health care of professionally active population and occupational health, aiming to improve and preserve the health of employees, and to improve the working conditions in order to prevent occupational injuries and diseases, diseases related to profession, and to remove occupational risks.Students should be able to recognize timely occupational diseases and injuries, as well as health disorders as the consequence of harmful agents in the work place, inadequate professional selection and orientation, and inadequate quality of life. Students should demonstrate knowledge of the measures of prevention of the above phenomenons and appropriate measures to be undertaken if the damage has already occurred. Students should recognize the importance of occupational health promotion. Students should be able to assess temporary inability for work and demonstrate knowledge of the procedures related to final assessment of professional ability, as well as the codes of ethics they should abide by in such work. |
| **SYLLABUS (brief outline and summary of topics, max. 10 sentences)** |
| *Theory*Etihics in occupational medicine. Professional selection and orientation. Physiology of work and ergonomics. Quality of life of professionally active population. Tiredness and exhaustion. Occupational stress. Workplace violence. Mobbing. Occupational injuries caused by physical noxae. Occupational diseases caused by chemical noxae. Occupational diseases of the respiratory system. Occupational diseases of the skin. Occupational malignant diseases. Occupational diseases of the locomotor apparatus. Occupational diseases caused by biological agents. Occupational allergic diseases and disorders of the immune system. Occupational traumas, traffic traumas. Work-related diseases. Evaluation of occupational risks. Information system and international standards in occupational medicine. Management program in occupational medicine. Promotion of occupational health. Evaluation of ability to work.*Practice*Methods and procedures of examination of individuals occupationally exposed to biological, chemical, physical and other noxae. Criteria for the verification of occupational diseases and evaluation of ability to work. Assessment of physical abilities of employees. Ethical codes of medical doctors. Team work in the procedure of professional selection and orientation. Assessment of ability to work (temporary, permanent) and ability to drive. Assessment of function of the cardiovascular, respiratory, hematopoietic system in order to evaluate ability to work. Workplace analysis - workplace file/record. Methodology used in the assessment of occupational risks. Report of occupational injury. |
| **LANGUAGE OF INSTRUCTION** |
| x Serbian (complete course) x English (complete course) ☐ Other \_\_\_\_\_\_\_\_\_\_\_\_\_ (complete course)☐Serbian with English mentoring ☐Serbian with other mentoring \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **ASSESSMENT METHODS AND CRITERIA** |
| **Pre exam duties** | **Points** | **Final exam** | **points** |
| **Activity during lectures** | **10** | **Practical examination** | **10** |
| **Practical teaching** | **20** | **Oral examination** | **20** |
| **Seminars** | **10** | **OVERALL SUM** | **100** |
| **Tests** | **30** |  |  |
| **\*Final examination mark is formed in accordance with the Institutional documents** |