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| **Course code:**  **FFS85** | **Course title:**  **SELECTED TOPICS IN CLINICAL PHARMACY – OPTIMIZATION OF THERAPY IN CLINICAL PRACTICE** | | |
| **Level:**  **Undergraduate** | **Year:**  **V** | **Semester:**  **IX** | **ECTS credits:**  **2** |
| **Status:**  **Elective** | **Number of hours weekly:**  **1+1** | | **Total hours of teaching: 30** |
| **Teaching staff:** | Selma Škrbo, PhD, associate professor  Naida Omerović, MPharm, teaching and research assistant | | |
| **1. Course objectives:** | Introducing students to factors affecting drug selection and contributing to the optimization of therapy in different clinical situations. | | |
| **1.1. Curriculum:**  **a) Lectures:**  Clinical aspects of endocrine disorders. Clinical aspects of infections. Clinical aspects of rheumatic disorders. Clinical aspects of neurological disorders. Clinical aspects of psychiatric disorders.  **b) Practical work:**  Optimization of therapy of endocrine disorders. Optimization of therapy of infections. Optimization of therapy of rheumatic disorders. Optimization of therapy of neurological disorders. Optimization of therapy of psychiatric disorders. | | | |
| **1.2. Learning outcomes:** | Students are expected to understand basic clinical aspects of various pathological conditions and be able to optimize therapy while taking into account the physiological variables of different patients. | | |
| **2. Course organization:** | | | |
| **2.1. Structure of the course:** | 1. Lectures  2. Practical work | | 1. 50%  2. 50% |
| **2.2. Grading:** | 1. Research paper  2. Final exam | | 1. 30%  2. 70% |
| **3. Literature:** | | | |
| Mandatory:   1. PowerPoint presentations, different handouts 2. Walker, R. and Edwards, C. eds., (2003). Clinical Pharmacy and Therapeutics. 3rd ed. London: Churchill Livingstone.   Additional:   1. Greene, R.J. and Harris, N.D. eds., (2008). Pathology and Therapeutics for Pharmacists: A basis for clinical practice. 3rd ed. London: Pharmaceutical Press. | | | |