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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 professorNaida 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. Lectures2. Practical work | 1. 50%2. 50% |
| **2.2. Grading:** | 1. Research paper2. 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.
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