**University of Split School od Medicine**

**MEDICAL STUDIES IN ENGLISH**

**PHARMACOLOGY**

Lectures: Duration:

1. Introduction, drug absorption and distribution 2
2. Drugs metabolism and elimination 2
3. Mechanism of drug action 2
4. Antimicrobial drugs 3
5. Pharmacology of ANS 3
6. Antipsychotic and antidepressant agens 2
7. Drug sin the treatment of pain 2
8. Antihipertensive agents 2
9. Drugs used in angina pectoris and heart failure 3
10. Drugs used in cardiac arrhythmias 2
11. Anticoagulants, inhibitors of platelet aggregation and fibrinolytic agents 2
12. Adrenocorticosteroids and adrenocortical antagonists 2

Seminars: Duration:

1. Pharmacokinetics 2
2. Pharmacodynamics and side effects 2
3. New drugs development, biologics and pharmacogenomics 2
4. The most important antibiotics 3
5. Antiviral agents and antimycobacterial drugs 2
6. Antifungal and antihelminthic drugs 2
7. Cholinergic drugs 2
8. Adrenergic drugs 2
9. Antiseizure drugs and agents used in neurodegenerative diseases 2
10. Local and general anesthetics 2
11. Anxiolytics and opioid analgesics 2
12. Drugs of abuse 2
13. Vasoactive peptides and NO 1
14. Diuretics 2
15. Antihypertensives 2
16. Agents used in dyslipidemia 2
17. Pharmacology of histamine, serotonin and the ergot alkaloids 2
18. NSAIDs, DRMARDs and antigout drugs 2
19. Immunopharmacology 2
20. Drugs used in the treatment of gastrointestinal diseases 2
21. Drugs used in asthma, COPD, antitussives and expectorants 2
22. Cancer chemotherapy 2
23. Drugs used in anemias and hematopoietic growth factors 2
24. Pituitary and hypothalamic hormones, thyroid and antithyroid drugs, agents that affect

bone 2

1. The gonadal hormones and inhibitors 2
2. Pancreatic hormones and antidiabetic drugs 3
3. Drug-drug interactions and adverse events 2

Exercises: Duration:

E1. Pharmacokinetics and pharmacodynamics 3

E2. Drugs and ANS: cardiovascular and the neromuscular junction effects 3

E3. Psychopharmaceuticals and analgetics 3

E4. Antiseizure drugs 3

E5. The isolated rings of rat aorta: mechanisms of drugs action 3

E6. The isolated heart: mechanisms od drugs action 3

E7. The impact of drugs on gastrointestinal system 3

E8. Web searching for appropriate drug information 3

Fg1. Introduction, Drugs prescribing 1 3

Fg2. Drugs prescribing 2 3

Fg3. Galenic preparations and finished medicinal products 3

**Total classes related to the course Pharmacology:**

**27 P + 55 S + 33 V = 115 student hours**

(27 x 2 + 55 x 1,5 x 2 groups + 33 x 4 groups = 351 norma hours)