SYLLABUS

1. Course title:

Pharmacology I

2. Code:

3. Cycle of study:

1

4. ECTS credits:

6

5. Type of course:

(●) Mandatory ( ) Elective

6. Prerequisites:

no

7. Class restrictions:

no

8. Duration / semester:

1 7

9. Weekly contact hours:

9.1. Lectures: 3

9.2. Seminars: 0

9.3. Laboratory/Practice classes: 2

10. Faculty:

Faculty of pharmacy

11. Department/study program:

Pharmacy (Integrated I and II Cycles)

12. Lecturer:

Mensura Asceric, full professor

13. Lecturer's e-mail:

mensura.asceric@untz.ba

14. Web site:

15. Course aims:

- the student needs to acquire basic knowledge from general pharmacology.
- Introduction to basic pharmacodynamics, pharmacokinetics and toxicology with an emphasis on drug action, followed by the rules of transport, prescribing and issuing of medicines.
- knowledge of the basics and significance of ANS and CNS pharmacology.
- teach students how to implement the acquired knowledge in practice.
- improve skills for continuous work and lifelong learning

16. Learning outcomes:

At the end of the semester, successful students, who continued to perform their duties throughout the academic year, will be trained to: 1. Development of medical opinion and adoption of the process of rational prescribing of the drug according to the characteristics of the individual patient (application of pharmacotherapeutic algorithm)
2. Training for rational prescribing of drugs in some common indications through the analysis of treatment guidelines for some of the most important therapeutic problems (Such as insomnia and anxiety)
3. Development of Practical Medicine Prescribing Skills

17. Course content:

Introduction to Farmacology; receptors; Medication Mechanism; Elimination of drugs; Pharmacogenetics; Specialties of pharmacotherapy in elderly and in pathological conditions; Drug interactions; Unwanted drug action; ANS; VNS; Strong analgesics; General and liqueur anesthesia; Anxiolytics and hypnotics; antidepressants; Alzheimer's disease therapy; antiparkinsonics; Epilepsy therapy

18. Learning methods:

- lectures and presentations of students
- work in the group, discussion,
- case study in groups

19. Assessment methods:

During each form of knowledge assessment the student receives a certain number of points. For passing the test, it is necessary to win at least 60% of the points. If the highest grade is the equivalent of 100 points, the parts being evaluated and their part as well as the formation of the final grade are shown in the following text: Attendance and Activity at Hours 5% lessons, practical exercises 5%, 10% seminars, test I 15%, test II 15%, partial 20%, partial II 20%, final exam 30%.

20. Assessment components:

During each form of knowledge assessment the student receives a certain number of points. For passing the test, it is necessary to win at least 60% of the points. If the highest grade is 100 points analogous, the parts that are evaluated and their part as well as the formation of the final grade are shown in the following text: Attendance and Activity at Hours 5% lessons, practical exercises 5%, 10% seminars, test I 15%, test II 15%, partial 20%, partial II 20%, final exam 30%.

21. Required reading list:

1. HP Rang, MM Dale, JM Ritter, PK Moor. Pharmacology. Fifth edition. Data Status Beograd, 2005.
2. V Varagic, M Miloševic. Farmakologija. Elit Medica Beograd, last edition
3.M Asceric. Farmakologija sa osnovama farmakoterapije. PrintCom Tuzla, 2008

22. Web sources:

23. Applicable starting from the academic year:

2012/13

24. Adopted in the Faculty/Academy session: