

SYLLABUS

1. Course title:

Pharmacoepidemiology and Pharmacoeconomics

2. Code:**3. Cycle of study:****4. ECTS credits:****5. Type of course:** Mandatory Elective**6. Prerequisites:**

None.

7. Class restrictions:

None.

8. Duration / semester:**9. Weekly contact hours:**

9.1. Lectures:

9.2. Seminars:

9.3. Laboratory/Practice classes:

10. Faculty:

Faculty of Pharmacy

11. Department/study program:

Pharmacy (I+II integrated cycle)

12. Lecturer:**13. Lecturer's e-mail:**

14. Web site:

www.farmacy.untz.ba

15. Course aims:

Introduce a student with basic knowledge and methods in pharmacoepidemiology and pharmacoeconomics.

16. Learning outcomes:

- acquire theoretical knowledge of the basic principles of pharmacopoeia methods
- acquire theoretical knowledge of general methods of detecting unwanted and beneficial drug effects, drug use studies, cost-effectiveness studies, cost-minimization studies.
- acquire basic knowledge in the field of health economics and quality of life, and health technology.

17. Course content:

Rational use of drugs
Basic Principles of Pharmacoepidemiological Methods
Methods for detecting unwanted and beneficial drug effects
Study design
Cross-section studies, observational and clinical studies
Drug Use Studies
Basic principles of pharmacoeconomic methods of collecting and analyzing drug use data
Cost minimization studies
Cost Effectiveness Study
Cost-benefit study
Health economy and quality of life
Health Technology

18. Learning methods:

Lectures, seminar papers.

19. Assessment methods:

During the semester, the student places two partial exams, Test I and Test II, which carry up to a maximum of 40 points.

During the semester, the student can do a seminar course with a maximum of 15 points.

The attendance and attendance of the lecture carries a maximum of 5 points.

At the end of the semester, the student puts the final exam on which he passes each part of the exam that he did not pass and can maximize 80 points.

20. Assessment components:

Score Rating	Rating (BiH)	(ECTS Rating)
<54	5	F
54 - 63	6	E
64 - 73	7	D
74 - 83	8	C
84 - 93	9	B
94 - 100	10	A

21. Required reading list:

1. Strom BL, Pharmacoeconomics, 2nd ed., John Wiley & Sons, Chichester, New York, 1994.
2. Drumond M et al., Methods for the Economic Evaluation of Health Care Programmes, 2nd ed., Oxford University Press, 1997.
3. Pharmacoeconomy Glossary, ISPOR,

22. Web sources:**23. Applicable starting from the academic year:**

2012/2013

24. Adopted in the Faculty/Academy session: