



Table 2

3.2. Course description

Basic description		
Course coordinator	Prof.dr.sc. Vera Vlahović-Palčevski	
Course title	Pharmacoepidemiology and Pharmacoeconomics	
Study programme	Nursing graduated study	
Course status	mandatory	
Year		
ECTS credits and teaching	ECTS student 's workload coefficient	4
	Number of hours (L+E+S)	

1. COURSE DESCRIPTION		
1.1. <i>Course objectives</i>		
The aim of the course is to teach students basic methods in pharmacoepidemiology and pharmacoeconomics, and what is their main purpose/use in practice		
1.2. <i>Course enrolment requirements:</i>		
Successfully terminated undergraduate studies in nursing		
1.3. <i>Expected course learning outcomes</i>		
Upon completion of the course the student will be have basic knowledge in methods used in pharmacoepidemiology and pharmacoeconomics, and will be able to critically evaluate results obtained from pharmacoeconomic and pharmacoepidemiologic studies and analyses. The student will be able to assess the value of a drug in a healthcare system and on the market (especially new drugs compared to old drugs)		
1.4. <i>Course content</i>		
<ul style="list-style-type: none"> - determinants of drug use in a society - methods and techniques in pharmacoepidemiology - pharmacoepidemiologic studies - drug utilization research (DUR), methods in DUR - ATC / DDD methodology - databases and samples in pharmacoepidemiologic studies - pharmacovigilliance, adverse drug rections, reporting - quality of drug use, quality indicators - compliance and adherence - drug promotion - methods and techniques in pharmacoeconomics - drugs and risk management - medication error - generic drugs - drug regulations in Croatia 		
1.5. <i>Teaching methods</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input type="checkbox"/> exercises <input type="checkbox"/> long distance education	<input checked="" type="checkbox"/> individual assignment <input type="checkbox"/> multimedia and network <input type="checkbox"/> laboratories <input type="checkbox"/> mentorship



		<input type="checkbox"/> fieldwork		<input type="checkbox"/> other			
1.6. Comments							
1.7. Student's obligations							
Students' attendance and participation in all segments of the course. Students should actively participate in discussions and seminars, and solve posed problems independently (pharmacoeconomics). Before each seminar, students should be prepared in advance and familiarized with the topic. Individual reports, practical work and presentations on a given theme (critical evaluation of published pharmacoepidemiologic studies)							
1.8. Evaluation of student's work							
Course attendance	1	Activity/Participation	0,5	Seminar paper	0,5	Experimental work	
Written exam	1	Oral exam		Essay		Research	
Project		Sustained knowledge check		Report	0,5	Practice	0,5
Portfolio							
1.9. Evaluation and assessment of students' work and final assessment							
In accordance with the Medical faculty statute and regulations							
1.10. Optional / additional reading (at the time of proposing study programme)							
<p><i>Mandatory literature:</i> recent scientific publications that will be presented during the course (mainly from journals Pharmacoepidemiology and Drug Safety, and PharmacoEconomics), Hartzema A. Pharmacoepidemiology and risk management 4th Ed. Harvey Whitney Books, 2008.</p> <p><i>Optional literature:</i> Strom B: Pharmacoepidemiology 3rd Ed. Chichester. John Wiley & Sons, 2000. Drummond ME, O'Brien B, Stoddart GL. Methods for the Economic Evaluation of Health Care Programmes, 2nd Ed. New York: Oxford University Press, 1977.</p>							
1.11. Number of assigned reading copies with regard to the number of students currently attending the course							
		<i>Title</i>	<i>Number of copies</i>	<i>Number of students</i>			
1.12. Quality monitoring methods which ensure acquirement of output knowledge, skills and competences							