

1. COURSE DESCRIPTION – GENERAL INFORMATION			
1.1. Course teacher	Associate Professor Jadranka Vuković Rodríguez, PhD	1.6. Year of study	5 th
1.2. Name of the course	Pharmaceutical ethics and deontology	1.7. Credit value (ECTS)	1.5
1.3. Associate teachers	-	1.8. Type of instruction (number of hours L+E+S+e-learning)	15+0+0
1.4. Study programme (undergraduate, graduate, integrated)	Integrated study of Pharmacy	1.9. Expected enrolment in the course	120
1.5. Status of the course	Compulsory	1.10. Level of use of e-learning (1, 2, 3 level), percentage of instruction in the course on line (20% maximum)	2 nd
2. COURSE DESCRIPTION			
2.1. Course objectives	Pharmaceutical ethics and deontology, as a part of pharmaceutical training, deals with external and internal ethical relationships within the pharmacy profession, as well as relationships with patients and other health care professionals. Course objectives are to introduce students to the principles of professional ethics, pharmacy codes of ethics, professional duties and the role of drugs in society. The course will provide the insight into the most important problems of pharmaceutical ethics and will help to understand complex ethical issues of professional pharmaceutical practice.		
2.2. Enrolment requirements and required entry competences for the course	There are no specific prerequisite courses or competencies required for this class.		
2.3. Learning outcomes at the level of the study programme to which the course contributes	Students learn the ethical principles as follows: value life and human being, respect the trust of the community, patients and subjects, refrain from any act that may harm the truth, continually deepen their expertise, and improve health care and disseminate health education. The adoption of obligations arising out of peculiar relations, which pharmacy deontology give special characteristics, students are formed into pharmacists who are encouraged to: concern for the welfare of the patient, to maintain the honour and dignity of the profession, respect for laws and regulations, the confidentiality of personal information and study of the profession development.		
2.4. Expected learning outcomes at the level of the course (4-10 learning outcomes)	<ol style="list-style-type: none"> 1. Introduction to pharmacy codes of ethics; 2. To become aware of the meaning and importance of ethics in everyday pharmacy work; 		

	3. Identifying possible dilemmas/problems/situations; 4. Ethical reasoning and decision-making; 5. Learning essential steps for ethical problem - solving processing.				
2.5. Course content broken down in detail by weekly class schedule (syllabus)	LECTURES: <ul style="list-style-type: none"> • Overview of pharmaceutical ethics and deontology: Bioethics-pharmaceutical ethics; History of pharmaceutical ethics and deontology; Deontology in pharmacy; Roots of Croatian deontology. • The foundations of ethical behaviour: The respect of human life and health; Moral character of the pharmacist; Ethical and legal obligations; Right to information, honesty and confidentiality; The responsibilities and duties towards themselves and their colleagues; Learning about duties; Duties toward the community, custom and law; Duties toward the profession; Responsibility toward the patient. Ethics of scientists and researchers: Ethics in experiments; Clinical trials; Ethics of publishing scientific papers. • Codes of ethics in pharmacy: Ethical principles in pharmaceutical care; Ethical pharmaceutical regulations; Content and interpretation of codes of ethics, Professional standards, Ethical considerations in pharmaceutical practice, FIP: Code of Ethics, RPS: Code of Ethics, Croatian code of ethics. • Ethical dilemmas in the pharmacy: Scandals in pharmacy; Ethical issues in science; Ethical issues in pharmaceutical industry; Ethical issues in pharmaceutical sales; Recognition of ethical problems; Processing of ethical problems; Ethical-problem solving; Specific areas of pharmaceutical ethics. 				
2.6. Type of instruction	lectures		independent study		2.7. Comments:
	seminars and workshops exercises online in entirety mixed e-learning field work		multimedia and the internet laboratory work with the mentor (other)		
2.8. Student responsibilities					
2.9. Screening of student's work (specify the proportion of ECTS credits for each activity so that the total number of CTS credits is equal to the credit value of the course)	Class attendance	20%	Research		Practical training
	Experimental work		Report		
	Essay		Seminar essay	20%	(Other--describe)
	Tests		Oral exam		(Other—describe)
	Written exam	60%	Project		(Other—describe)
2.1. Grading and evaluation of student work over the course of instruction and at a final exam					
2.2. Required literature (available at the library and via other media)	Title				
	V. Grdinić, J. Vuković, Pharmaceutical ethics, deontology and praxis, Jadran-Galenski laboratorij, Zagreb, 2000.				
	Croatian Pharmaceutical Chamber, Codes of ethics and deontology, 1996.				
	R. M. Veatch, A. Haddad, Case studies in pharmacy ethics, Oxford University Press Inc., New York, 2008.				

	Royal Pharmaceutical Society of Great Britain, Code of ethics, <i>The Pharmaceutical Journal</i> 266, 2001, 590-596.		
	International Pharmaceutical Federation, FIP Statement of Professional Standards Code of Ethics for Pharmacists, 2004, http://www.fip.org/ .		
2.12. Optional literature	W. K. Frankena, Ethics, KruZak, Zagreb, 1998. G. E. Appelbe, J. Wingfield, Pharmacy Law and Ethics, Pharmaceutical Press, London 1997.		
2.13. Methods of monitoring quality that ensure acquisition of exit competences			