

<i>Name of the course</i>	Medical Ethics			Code	
<i>Type of study program Cycle</i>	Integrated university study, medicine			Year of study	1st
<i>Credits (ECTS):</i>	1,5	<i>Semester</i>	II	Number of hours per semester (1+e+s)	45 (20+0+25)
<i>Status of the course:</i>	Mandatory	<i>Preconditions:</i>	None	<i>Comparative conditions:</i>	
<i>Access to course:</i>	First year medical students			<i>Hours of instructions:</i>	According to schedule
<i>Course teacher:</i>	Prof Ana Marusic, MD, PhD				
<i>Consultations:</i>	By e-mail				
<i>E-mail address and phone number:</i>	ana.marusic@mefst.hr				
<i>Associate teachers</i>	Mario Malicki, MD, PhD Assistant Professor Sandra Kostić, PhD				
<i>Consultations:</i>	By e-mail				
<i>E-mail address and phone number:</i>	mario.malicki@mefst.hr sandra.kostic@mefs.thr				
<i>The aims of the course:</i>	The aim of this course is to familiarize students with basic principles of ethics, medical ethics and medical deontology, as well as to enable them to identify moral dilemmas in medicine, and provide means of dealing with them. Additionally, students will familiarize themselves with specifics of research and publications ethics, as well as procedures for ethics assessment of research proposals, and understand the development of human and patients' rights movements.				
<i>Learning outcomes (general and specific competences):</i>	<u>General Outcomes</u> <ul style="list-style-type: none"> • Development of critical-thinking and moral deliberation skills. • Understanding the principles of modern medical ethics and dilemmas that doctors and researchers face in their everyday work. <u>Specific outcomes</u> <ul style="list-style-type: none"> • Understand the differences between ethics, medical ethics, medical deontology, and law. • Understand the history of development of physicians' oaths and medical deontology, as well as patient and human rights. • List and understand the most common ways of addressing moral dilemmas in medicine. • Acquaint themselves with the important international documents related to human rights and medical ethics: General Declaration of Human rights, European Declaration of Human Rights, Hippocratic oath, The Declaration of Geneva, The Declaration of Helsinki, Good clinical practice. • Understand and debate ethical dilemmas related to: beginning and end of life matters, genetic testing, reproductive medicine, sport and doping, mental illness, vulnerable groups, consent 				

	and assent to treatment, medical errors, rights to privacy, research integrity, animal rights, and stem cell research.			
	These outcomes will be evaluated through continuous knowledge checking during seminars and lectures, on a final written test and during an oral examination.			
Course content (Syllabus):	The course Medical ethics and bioethics consists of 6 thematic units to be covered through: 6 lectures and 6 seminars. After the completion of the class and the conducted survey, a knowledge examination will be conducted through the oral colloquium.			
Format of instruction (mark in bold)	Lectures	Exercises	Seminars	Independent assignments
	Consultations	Work with mentor	Field work	Other
	Notes: Class from each unit of the first three day of the course begins with two hours of lectures and ends with 4 hour of seminars (split in two two-hour session). On the fourth day, the students will have six hours of seminars, and on the last day, they will first have seminars, and then the day will end with a lecture on the ethical issues of the future. At the seminars, the teacher presents the problem that is being dealt with, and important elements from the presented issues are discussed by the students in smaller groups. During the consultations the possible ambiguities are being clarified.			
Student responsibilities	Attendance and active participation in the classroom. Taking the final written examination. Students will be evaluated on the basis of attending classes, presentation of a student assigned moral case deliberation, and final examinations.			
Screening student work (mark in bold)	Class attendance	Class participations	Seminar essay	Practical training
	Oral exam	Written exam	Continuous assessment	Essay (if needed)
Detailed evaluation within a <i>European system of points</i>				
STUDENTS RESPONSIBILITIES	HOURS	PROPORTIONS OF ECTS CREDITS	PROPORTION S OF MARK	
Class attendance and participations	10	0.25	5%	
Seminar presentation	10	0.25	5%	
Written exam	30	-	90%	
Mandatory literature:	1. Medical Ethics Manual. World Medical Association, 2015. 2. Principles of Biomedical Ethics. Beauchamp & Childress. 7th edition. 2013. 3. The Universal Declaration of Human Rights 4. European Convention on Human Rights 5. The Declaration of Helsinki			

Optional literature:	<ol style="list-style-type: none"> 1. Killen M, Smetana JG. Handbook of moral development. W 2nd edition. Psychology Press. 2013. 2. European textbook on ethics in research. Directorate-General for Research and Innovation (European Commission). 2011. 3. The ethical implications of research involving human embryos. Directorate-General for Research and Innovation (European Commission). 2018 4. Patients' rights in the European Union. Directorate-General for Health and Food Safety (European Commission). 2018.
Additional information about the course	<p>Monitoring methods of teaching quality:</p> <ul style="list-style-type: none"> - student questionnaire - quality analysis by students and teachers - exam results analysis - report of the office for teaching quality - external evaluation (visit of team for quality control)

Annexes: calendar classes

The number of teaching units	TOPICS AND LITERATURE
I.	<p>Title: Introduction to ethics, medical ethics and medical deontology.</p> <p>Short description: The lecture will cover the history and development of medical ethics and moral development in humans; while on the seminar, the students will be acquainted and discuss The Universal Declaration of Human Rights, the European Convention on Human Rights, The Declaration of Geneva and the Hippocratic Oath.</p> <p>Literature: Mandatory</p>
II.	<p>Title: Ethical dilemma solving</p> <p>Short description: The lecture will cover the different approaches in handling ethical dilemmas and introduce the students to work of ethics committees; while on the seminar, the students will apply biomedical principles to discuss topics related to beginning and end of life ethics, as well as reproductive medicine.</p> <p>Literature: Mandatory and optional</p>
III.	<p>Title: Patient rights, consent to treatment and data protection.</p> <p>Short description: The lecture will cover the history of human experimentation, and emergence of patient rights; while on the seminar the students will analyse the Declaration of Helsinki, and apply biomedical principles to discuss topics related to vulnerable groups, mental illness, sport medicine and the right to bear arms.</p> <p>Literature: Mandatory and optional</p>
IV.	<p>Title: Research and publication ethics</p> <p>Short Description: The lecture will cover the topic of research integrity, publication ethics and research on animals; while on the seminar the students will analyse research proposals and attempt to evaluate and debate ethics issues arising in proposed research.</p> <p>Literature: Mandatory and optional</p>
V.	Title: The patient doctor relationship

	<p>Short description: Fourth day will be split in two three-hours seminars, in which during the first seminar, students will watch a movie depicting patient-doctor relationship in relation to medical ethics (e.g. One flew over the cuckoo nest, Wit, Something the Lord Made, or Awakenings) and in the next seminar they will discuss topics of medical errors and palliative care.</p> <p>Literature: Mandatory and optional</p>
VI.	<p>Title: Ethics of the future</p> <p>Short description: The final day of the course, starts with seminars where students will repeat all the topics covered during the previous days and re-evaluate their initial attitudes and dilemma solving skills, while on the lecture they will be introduced to the ethics of human enhancement, cybernetics, nanotechnology, artificial-intelligence, longevity and self-treatment.</p> <p>Literature: Mandatory and optional</p>