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| Study programme | MEDICAL STUDIES IN ENGLISH | | | | |
| Cycle | INTEGRATED | Type | UNIVERSITY | | |
| Study track | - | Module | -- | | |
| Year of study | 1 | Semester | I | | |
| Course title | MEDICAL ETHICS | Course code | MFMSE105 | | |
| ECTS | 2 | Status | OBLIGATORY | | |
| Teaching hours | | Lectures | Exercises | Seminars | Practice |
| | | 20 | 0 | 25 | 0 |
| Teachers | Prof. Ana Marušić, MD, PhD | 4 | | 4 | |
| | Assoc. Prof. Sandra Kostić, PhD | 8 | | 7 | |
| | Assist. Prof. Benjamin Benzon, MD, PhD | 8 | | 7 | |
| | Marija Franka Žuljević, MD | | | 7 | |
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| Course objectives | 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. | | | | |
| Course learning outcomes | Learning outcome (LO) Student: | | Course learning outcome code | LO code at the study program level | |
| | Understands the differences between ethics, medical ethics, medical deontology, and law. | | IU-MFMSE105-1 | IU-MSE12 | |
| | Understands the history of development of physicians' oaths and medical deontology, as well as patient and human rights. | | IU-MFMSE105-2 | IU-MSE12 | |
| | 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 Deceleration of Geneva, The Declaration of Helsinki, Good clinical practice. | | IU-MFMSE105-3 | IU-MSE12 | |
| | Lists and understands the most common ways of addressing moral dilemmas in medicine. | | IU-MFMSE105-4 | IU-MSE12 | |
| | Practices obtaining and explaining basic informed consent to a patient. | | IU-MFMSE105-5 | IU-MSE16 IU-MSE17 | |
| | Understands and debates 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. | | IU-MFMSE105-6 | IU-MSE12 IU-MSE13 | |
| | Understands the value and importance of research ethics and research integrity and data protection. | | IU-MFMSE105-7 | IU-MSE7 IU-MSE12 | |
| Prerequisites for the course enrolment | In accordance with the Rulebook on the Integrated Studies at the School of Medicine University of Mostar. | | | | |
| Course content | Week / shift | Topic | | | |
| | Lecture 1 (2h) | Introduction to ethics and moral development | | | |
| | Lecture 2 (2h) | Medical deontology | | | |
| | Lecture 3 (2h) | Handling ethical dilemmas | | | |
| | Lecture 4 (2h) | Animal rights and laboratory research | | | |
| | Seminar 1 (3h) | Patient-doctor relationship | | | |
| | Seminar 2 (3h) | Applying basic ethical principles in practice | | | |
| | Seminar 3 (3h) | Informed consent | | | |
| Seminar 4 (3h) | Issues related to the beginning and end of life | | | | |

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| | Seminar 5 (3h) | Medicine of the future | | | | | | | | | |
| | Seminar 6 (3h) | Case studies I | | | | | | | | | |
| | Seminar 7 (3h) | Case studies II | | | | | | | | | |
| | Seminar 8 (3h) | Reflection and re-evaluation | | | | | | | | | |
| | Lecture 5 (2h) | History of human experimentation | | | | | | | | | |
| | Lecture 6 (2h) | Patient rights | | | | | | | | | |
| | Lecture 7 (2h) | Vulnerable groups | | | | | | | | | |
| | Lecture 8 (2h) | Disasters | | | | | | | | | |
| | Lecture 9 (2h) | Research and publication ethics | | | | | | | | | |
| | Lecture 10 (2h) | Data protection | | | | | | | | | |
| | Seminar 9 (2h) | Research integrity I | | | | | | | | | |
| | Seminar 9 (2h) | Research integrity II | | | | | | | | | |
| Language | English | | | | | | | | | | |
| E-learning | None | | | | | | | | | | |
| Teaching methods | Lectures, moderated group discussions and debates, case analyses and discussions, roleplay. | | | | | | | | | | |
| Types of assessment (indicate - Bold) | | | | | | | | | | | |
| Type of pre-examination obligation | | | | | | | | | | | |
| midterm | seminar paper | essay/report | | | | | | | | | |
| | | practical/project task | | | | | | | | | |
| | | other | | | | | | | | | |
| Type of exam | | | | | | | | | | | |
| | | written exam | | | | | | | | | |
| | | oral exam | | | | | | | | | |
| | | practical | | | | | | | | | |
| Allocation of ECTS credits and share in the grade | | | | | | | | | | | |
| Student obligations | Learning outcome code | Hours of workload | | | | | | | | | |
| Regular course attendance | IU-MFMSE105-1, 2, 3 | 45 | | | | | | | | | |
| Seminar report | IU-MFMSE105-4, 5, | 10 | | | | | | | | | |
| Essay (main exam) | IU-MFMSE105-6,7 | 5 | | | | | | | | | |
| In total | | 60 | | | | | | | | | |
| | | Share in ECTS | | | | | | | | | |
| | | Share in grade | | | | | | | | | |
| | | 1.5 | | | | | | | | | |
| | | 0.33 | | | | | | | | | |
| | | 0.17 | | | | | | | | | |
| | | 2 | | | | | | | | | |
| | | 25% | | | | | | | | | |
| | | 25% | | | | | | | | | |
| | | 50% | | | | | | | | | |
| | | 100% | | | | | | | | | |
| Method of calculating the final grade | | | | | | | | | | | |
| Course attendance (25%, passing 14%) + Seminar report (25%, passing 14%) + Essay (50%, passing 28%). | | | | | | | | | | | |
| According to the Study Regulations, the final grade is obtained as follows: | | | | | | | | | | | |
| 0 – 54% insufficient (1) | | | | | | | | | | | |
| 55 – 66% sufficient (2) | | | | | | | | | | | |
| 67 – 78% good (3) | | | | | | | | | | | |
| 79 – 90% very good (4) | | | | | | | | | | | |
| 91 – 100% excellent (5) | | | | | | | | | | | |
| Literature (indicate) | Title (title, author, year) | Edition | Language | | | | Type of literature | | | | |
| | | own | other | Croatian | English | other | multilingual | book | article | script | other |
| | Medical Ethics Manual. World Medical Association, 2015. | | | | X | | | X | | | |
| | The Universal Declaration of Human Rights | | | | X | | | | | | X |
| | European Convention on Human Rights | | | | X | | | | | | X |
| | The Declaration of Helsinki | | | | X | | | | | | X |
| Patients' rights in the European Union. Directorate-General for Health and Food Safety (European Commission) | | | | X | | | | | | | X |

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| | European Code of Conduct for Research Integrity | | | | X | | | | | | X |
| Additional | Principles of Biomedical Ethics. Beauchamp and Childress. 7th edition. 2013. | | | | X | | | X | | | |
| | Resolving Ethical Dilemmas: A Guide for Clinicians, Bernard Lo, 2015. | | | | X | | | X | | | |
| Additional course information | | | | | | | | | | | |
| For the seminar "Medicine of the future", students have a task to write a brief report about what they see as the future of medicine, along with an example of the application of a novel technology in medicine. | | | | | | | | | | | |