

Al-Farabi Kazakh National University  
Faculty Medicine and Health Care  
Education program on specialty:  
«Public Health» PhD First Grade

MANUAL TO CLASSES OF COURSE “BIOETHICS IN PUBLIC HEALTH  
6 credits

Author:

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## CLASS TOPICS

### ON COURSE “PROFESSIONAL (FOREIGN) LANGUAGE”

Class	Topic	hours
	Module I. Bases of Bioethics	3
Class 1	Ethics as a philosophical science.	3
Class 2	A history of the professional ethics of a physician.	3
Class 3	Theoretical foundations of bioethics.	3
Class 4	Moral values, principles and rules of biomedical ethics.	3
Class 5	Deontology in the context of bioethics.	3
	Module II. Moral and legal aspects of public health	
Class 6	Bioethics, culture and religion.	3
Class 7	Life as the highest value.	3
Class 8	Moral aspects of death.	3
Class 9	Moral, legal and organizational issues of organ and tissue transplantation.	3
Class 10	Deontology in the context of bioethics.	
	Module III. Bio-medical studies	
Class 11	Ethical and legal foundations of plastic surgery.	3
Class 12	Preclinical studies.	3
Class 13	Clinical trials.	3
Class 14	Ethical problems of the application of biotechnology in medicine.	3
Class 15	Ethical and legal problems of modern psychiatry, narcology, oncology and AIDS.	3
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#### Module I. Module ‘Bases of Bioethics’

Class 1 Ethics as a philosophical science.

Ethics as a philosophical discipline. Essence, specificity, structure and functions of morality. The place of biomedical ethics in the structure of ethical knowledge.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 2. A history of the professional ethics of a physician.

History and features of the professional ethics of the doctor. Medical ethics as a kind of professional ethics. History of Medical Ethics in Kazakhstan.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.

4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 3. Theoretical foundations of bioethics.

Theoretical foundations of bioethics.

The concept of bioethics and socio-cultural prerequisites for its formation. Features of bioethics.

Problematic issues of bioethics.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.

2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008

3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.

4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 4. Moral values, principles and rules of biomedical ethics.

The highest moral values in medicine. Principles and rules of biomedical ethics.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.

2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008

3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.

4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 5. Deontology in the context of bioethics.

Basic concepts and problems of modern medical deontology. Models of interaction between doctor and patient. Patient rights. Ethics of relationships in the medical team. Medical errors and iatrogenies in the activities of medical workers.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.

2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008

3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.

4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

## Module II. Moral and legal aspects of public health

Class 6. Bioethics, culture and religion.

The relationship of bioethics, culture and religion.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.

2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008

3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.

4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 7. Life as the highest value.

Moral aspects of human reproduction. Ethical and medical problems of abortion.  
The specificity of the moral problems of medical genetics. In Vitro Fertilization. Surrogacy Ethical problems of new reproductive technologies.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 8. Moral aspects of death.

The problem of criteria for human death. Biological and clinical death. The problem of "brain death". The psychology of terminal patients. The right to the truth about the last diagnosis. Euthanasia concept. Passive and active euthanasia. Palliative medicine. Hospices.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 9. Moral, legal and organizational issues of organ and tissue transplantation.

Moral problems of transplantation. Legal models for organ donation from cadaveric donors. Legal basis for transplantation of human organs and tissues in Kazakhstan. Ethics in the handling of dead bodies and anatomical preparations.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 10. Deontology in the context of bioethics.

Ethical and legal foundations of plastic surgery.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

### Module III. Bio-medical studies

Class 11. Ethical and legal foundations of plastic surgery.

International documents on the regulation of biomedical research. Ethics committees: status, functions and tasks.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 12. Preclinical studies.

Preclinical studies. Types. Subjects. Moral and ethical principles using of animals.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 13. Clinical trials.

Clinical trials. Types of them: RCT and nonRCT. Moral and ethical principles using of human as a subject.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 14. Ethical problems of the application of biotechnology in medicine.

Ethical issues and the main risk factors of biotechnology for human health and the environment: GMR, stem cells, cloning of organs and tissues. Biosecurity: structure and legal framework for regulation.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.
2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
4. Thomas A. Shannon and Nicholas J. Kockler, An Introduction to Bioethics. 4th Edition. Paulist Press, 2009.

Class 15. Ethical and legal problems of modern psychiatry, narcology, oncology and AIDS.

Ethical issues and moral aspects of providing care to cancer patients, HIV-infected patients and people with drug addiction.

Reading:

1. БИОМЕДИЦИНСКАЯ ЭТИКА. ПРАКТИКУМ. МИНСК.- 2011.-204с.

2. Deni Elliot. Ethical Challenges: Building an Ethics Toolkit Authorhouse: 2008
3. Robert J. Spitzer, S.J., Ph.D. Ten Universal Principles: A Brief Philosophy of the Life Issues. Ignatius Press, 2011.
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