FORENSIC SCIENCE in ETHICS COURSE INFORMATION

Course Name	Code	Semester	Theory (hours/ week)	Application (hours/ week)	Lab. (hours/ week)	National Credit	ECTS
Forensic Science in Ethics		Fall-	2/15	-	-	2	7
Prequisites	-						
Course language	Turkish						
Course type	Selective						
Mode of Delivery	Lecture, Question and Answer, Case Study, Problem Solving, Brain Storming, Preparing and/or Presenting Reports, Interactive participation						
Instructor (s)	**Prof. Dr. Nüket Örnek Büken** **Lecturer Dr. Müge Demir** **Lecturer Dr. Aslıhan Akpınar**						
Course objective	The objective of this lecture is not replacing general and widespread bioethical approaches with forensic ethics but enriching moral practices with biomedical ethics approach and providing a comprehensive perspective. The discussions in this study will contribute to studies in direction of raising the awareness of society in general and forensic scientist in particular, transforming the principles, implementations and health policies generating inequality with regards to the philosophy and ethics. To introduce medical ethics / biomedical ethics, basic concepts and principles / values of biomedical ethics, to introduce ethical issues and ethical dilemmas that arise in the field of forensic sciences and to increase awareness of the dilemma solving "ethical justification" hardware to give the person on the path to be followed. Information on bioethics issues, gain awareness and sensitivity in bioethics, and able to make ethical analysis, solve the ethics dilemmas. To gain knowledge and awareness stored biological samples of human origin, and so on, and in a personal matter and the use of data to store in the field of forensic science, to get consent / permission and conditions related to protection of the confidentiality of medical information. To teach ethicolegal arrangements, both international and national documents and manuals on the responsibility of the employees on the subject of forensic science							
Learning outcomes	At the end of semesters, students are expected to; 1. Make the definition of ethics, biomedical ethics, and ethical theories and identify the main currents. 2. List and define the basic principles of biomedical ethics. 3. Define the ethical dilemma, ethical analysis, justification in ethics and the ethics consultation, medical paternalism, the process of informed consent in diagnosis and treatment 4. Understand the importance of respects on the privacy of the patient and							

	know the the historical process of this practice. 5. Knows the importance of protecting the privacy of biological samples of human origin, and protects the privacy of the data in the field of forensic medicine
Course Content	Relationship between the applicant and the forensic scientist, forensic science, determinants of this relationship, relationship problems occurring value / ethical dilemmas and their solution, the requirements of the process of informed consent, medical paternalism, the patient kept secret, the risk / benefit assessment, the use of limited resources in a fair, ethical forensic science professionals responsibility, and patient rights. Stored material to obtain in biobank how to define legally biological material, can be used for forensic purposes other than the use, biobanks management issues.
References	• Buken NÖ, Tıp Etiği Terimleri Sözlüğü, Nisan 2009, Altın Örümcek • Buken NO, Arapkirlioglu K "Bioethics Committees and Examining Consent within The Patient-Physician Relationship in Turkey", Medicine and Law, Volume 29 Number 3(September 2010) pages 403- 418. • Veatch RM. "Bioetiğin Temelleri" MegaBasım 2010. • Beauchamp TL, Childress JF. "Principles of Biomedical Ethics" 2001. • Weinberg M "Medical Ethics" 2001. • Arras JD, Stenbock B. "Ethical Issues in Modern medicine" 1999. • Childress, JF. "Practical Reasoning in Bioethics" 1997. • The Ethics of Research Biobanking, Jan Helge Solbakk, Soren Holm, Bjorn Hofman. Springer Science-Business Media, LLC 2009, New York. • The Ethics and Governance of Human Genetic Databases, Europen Perspectives. Matti Hayry, Ruth Chadwick, Viljahmur Arnason, Gardar Arnoson. Cambridge University Press, 2007, New York. • İnsan Kökenli Biyolojik Maddelere İlişkin Hukuki İşlemler, Arif Barış Özbilen. Vedat Yayıncılık, Istanbul,2011. • Özgüç M, yüzbaşıoğlu A. Biyobankalar ve etik. İKU Dergisi 2009; 22: 12-16. • Hansson MG et al. Should donors be allowed to give broad consent to future biobank research. The Lancet Oncology,2006; 7: 266-269. • Pulman D, et al. Personal privacy, public benefits, and biobanks: a conjoint analysis of priorities and public perceptions. Genet Med.2012 Feb:14(2);229-35. • Rial-Sebbag E, Cambon-Thomsen A. The Emergence of Biobanks in the Legal Landscape: Towards a New Model of Governance, J. of Law and Soc. 2012. Vol 39, No 1, pp. 113–130. T, Bedau M, Fuchs M et.al. Legal and ethical consequences of international biobanking from a national perspective: the German BMB-EUCoop project. European Journal of Human Genetics, 2010, Vol. 18, No. 5, pp. 522-525.

COURSE OUTLINE WEEKLY

Weeks	Topics
1.	Define ethics, bioethics and the other related concepts
2.	Attitudes of forensic scientists in the face of ethical dilemmas, ethical arguments that can be used in the process of justifying the theories, principles, codes of ethics
3.	Medical paternalism, informed consent
4.	Confidentiality, privacy, and the application of the concept of medical ethics
5.	Using and to storage biological material of human origin for research purposes
6.	The forensic use of biological material of human origin, storage, samples from different countries
7.	Protect the confidentiality of personal data
8.	Ethical and legal responsibility of biobanks
9.	Synthesis of biological material of human origin, preservation and forensic / judicial situation of our country in the use of non-purpose
10.	Research and publication ethics
11.	Oviedo Bioethics regulation
12.	The concept of the responsibility of forensic science professionals, legal regulations related to
13.	Bioethics Committees
14.	Presentations
15.	Final

ASSESMENT METHODS

Course activities	Number	Percentage
Attendance	15	30
Laboratory	-	
Application	-	
Field activities	-	
Specific practical training	-	
Assignments	1	30
Presentation	1	20
Project	-	
Seminar	1	20
Midterms	-	
Final exam*	-	
Total		100
Percentage of semester activities contributing grade succes		40
Percentage of final exam contributing grade succes		60
Total		100

WORKLOAD AND ECTS CALCULATION

Activities	Number	Duration (hour)	Total Work Load
Course Duration (x14)	14	2	28
Laboratory			
Application			
Specific practical training			
Field activities			
Study Hours Out of Class (Preliminary work, reinforcement, ect)	14	4	56
Presentation / Seminar Preparation	1	35	35
Making Presentation	1	3	3
Report writing	1	48	48
Project	-		
Homework assignment	2	20	40
Midterms (Study duration)			
Final Exam (Study duration)			
Total Workload			210/30 (-7)