



Course Syllabus

Course name	Health Policy, Management and Economics
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Code of the course	The code is awarded by the faculty in accordance with the general rules.
Status of the Course 	Faculty of Medicine. Georgian-Norwegian Collaborative Master Program "Public Health". Teaching languages is English. Teaching course is Mandatory.
Aims of the course	<p>The aim of the course is to give to the students newest information about main issues of health policy, management and economics and principles of healthcare priorities. Teaching course consider economical aspects of health and healthcare systems, mobilization, gathering and allocation of resources. The goal of the course is to realize significance of efficacy and fairness in the process of sharing resources.</p> <p>Training course is divided in to three main parts:</p> <p>In the first part is presented fundamental concepts and definition of healthcare policy, management and economics. Principles of development of health policy and fundamental topics of healthcare management. Course topics also consider concept of efficacy of healthcare resources, capitals and medical activities, specifics of medical market. Teaching course provide information about prices and basic theories of pricing of medical services, direct and indirect costs in medicine. Course materials also show what is the impact of tax regulations, subsidies, co-financing, self-financing and generally financial policies on health-related behavior of population.</p> <p>The second part of the study course is about healthcare financing. The Course considers the most common methods of healthcare services, as in primary healthcare, as well in hospital sector. Also, the alternative ways of financing the healthcare services (insurance and tax-related), reviewed alternative ways of financing of medical providers (self-financing - pay system depending on performed work and without it).</p> <p>In the last, third, part of course will be reviewed methodology for economical evaluation of health, concept of profitable and non-profitable medical facility and cost-effectiveness of healthcare. Teaching course examine measurement of health costs' results, and examine concept of quality of life and health life years.</p>

	Different methods of estimating efficacy and cost-effectiveness of healthcare costs. The course also considers priority issues of healthcare costs and related outcomes.
ECTS (Number of contact hours and independent working hours)	<p>10 ECTS (250 hours).</p> <p>Contact - 45 hours. (15 hrs. - Lecture, 30 hrs. - Group Work);</p> <p>Mid-term exam - 2 hours;</p> <p>Final exam - 3 hours;</p> <p>Independent work - 200 hours.</p>
Prerequisites	No prerequisites are required for this course.
Learning outcomes	<p>Knowledge and understanding</p> <p>After successful completion of the course, the student has deep and comprehensive knowledge of:</p> <ul style="list-style-type: none">) Basic issues related of healthcare policy, management and economics.) Principles of efficient evaluation of healthcare policy, management and economics;) Student knows relationship between health/healthcare and economics; fundamental principles of healthcare management;) Most efficient methods of providing and financing health services; As for the primary healthcare, as well in hospital sectors. Alternative ways of financing healthcare services.) Specifics of Medical market;) Evaluation methods of health economics. Meaning of cost-effectiveness. Definition of life quality and healthy life years. Rules of measuring health-related expanses. <p>Applying knowledge in practice</p> <p>The student will be able to:</p> <ul style="list-style-type: none">) Collect the necessary information about health policy, management and economics; Gather statistical data systematize, analyze and discuss the reasons for the statistical information as about separate diseases, as well all of them.) Use analytical methods for developing healthcare policy, management and economics.) Design strategical plans, programs and projects in healthcare systems;) Justify necessity of interventions in healthcare policy, management and economics based on the experience of other countries, and specify them with national and/or regional characteristics. <p>Making Judgment</p> <p>The student will be able to:</p> <ul style="list-style-type: none">) On the base of findings, scientific and critical articles (including complex and incomplete information) about healthcare policy, management and economics students can make effective decisions.) Connect events with each other based on recent data and information and make innovative synthesis; <p>Communication skills</p> <p>The student will be able to:</p> <p>To deliver information, done work content, problems, own conclusions, opinions and arguments to academic and professional communities in English Language using verbal and various modern communication technologies in a professional manner. To engage in discussions about different opinions,</p>

	<p>justify opinions with arguments.</p> <p>Learning skills</p> <p>The student will be able to:</p> <ul style="list-style-type: none"> - Be active during study process, take part in it. Has the ability to independently manage the learning process; deepen the acquired knowledge and strive for personal and professional development. To understand the specificities of the learning process; To distribute time on study plan correctly, to follow deadlines. <p>Students will have skills to work on unknown, complicated Public health issues; To obtain and collect information from various sources in a timely manner; To determine the priorities and plan correctly.</p> <p>Values:</p> <p>Students, after completion of the course, will have the understanding of ethical and moral values connected to public health and the importance of values related to the patients, colleagues, population as a whole.</p> <p>Graduated student will be aware the definition of healthcare policy, selection of healthcare priorities and financing sometimes with confrontation relating to ethical issues in developing healthcare policy, selection of priorities and financial issues, respect for mutual respect and trust.</p> <p>Generally, working in the public health sector needs to follow humane principles, respect and trust to your colleagues and people around. Students will acknowledge the importance of morals and ethics while expressing own's own opinions.</p>
Course Contents	Appendix # 1
Learning-Teaching Methods	<p>The teaching process will include various methods:</p> <ul style="list-style-type: none"> - Interactive lectures PowerPoint presentations - Work in small groups (collaborative) - Discussion / Debate - Case/Problem/Role play-based learning - The critical analysis method - Methods for finding new information "Evening News" - Brainstorming - Demonstration method using Video / Audio materials - The analysis and synthesis method - Explanatory method - Action-oriented teaching method
Assessment forms/components/methods/criterias	<p>Evaluation forms - mid-term assessment and final assessment includes:</p> <ol style="list-style-type: none"> 1. Evaluation components - attendance, activity, mid-term exam, final exam. 2. Evaluation Method - Using different methods (the quiz / test, essay, presentation, critical analysis of the article, to find and demonstrate innovations, the practical / theoretical assignment, small group work, to participate in debates and discussions and ect) to assess learning outcomes; 3. Evaluation Criteria - The evaluation method which helps to measure learning outcomes. <p>Mid-term evaluation: 5 points for attendance/activity ; 12 quizzes, 2 points each, a total of 24 points, seminar: paper version (2 points) and oral presentation (4 points), critical analysis of the article (3 points), Evening News (2 points), a mid-term exam (20 points) - a total of 60 points.</p> <p>Final assessment (final exam) - 40 points.</p> <p>For the detailed description of assessment criteria please refer to the students</p>

	<p>Guide.</p> <p>The evaluation system has:</p> <p>A) five positive grades:</p> <p>(A) Excellent – 91-100;</p> <p>(B) is very good - 81-90;</p> <p>(C) good - 71-80;</p> <p>(D) satisfactory - 61-70;</p> <p>(E) enough - 51-60;</p> <p>B) Two types of negative evaluation</p> <p>(FX) Fail - 41-50, which means that the student will need to work more and to retake an additional exam; Additional exam will be held no less than 5 days after the announcement of the results of the final exam.</p> <p>(F) Fail - 40 or less, which means that the student's work is not enough and the subject should be learned again.</p>
Basic Literature	<p>Jan Abel Olsen “Principles in Health Economics and Policy”. Oxford University Press, 2009. ISBN 978-0-19-923781-4</p> <p>Books are available at University library.</p>
Additional Literature	<p>- Lawrence F. Wolper “Health Care Administration. Managing Organized delivery Systems” Fifth Edition. Jones and Bartlett Publishers, 2011. ISBN-13: 978-0-7637-5791-5 - Gill Walt “Health Policy. An Introduction to Process and Power”. Witwatersrand University Press, Johannesburg. 1998. ISBN 1- 85649-263</p> <p>- Stuart Altman, David Shactman, foreword by Senator John Kerry “Power, Politics, and Universal Health Care”. Published by Prometheus Books, 2011. ISBN 978-1-61614-456-2</p> <p>- WHO Health policy http://www.who.int/topics/health_policy/en/</p> <p>- What is Health Equity? Health Equity Institute-ის Video ლექცია. https://www.youtube.com/watch?v=ZPVwgnp3dAc</p> <p>- Healthcare Around the World https://www.youtube.com/watch?v=ur6UoY-H41o</p> <p>- What healthcare will look like in 2020. Stephen Klasko. TEDxPhiladelphia https://www.youtube.com/watch?v=esugL07XANg&t=58s</p> <p>- supply and demand https://www.youtube.com/results?search_query=supply+and+demand+crash+course+economics+%234+</p> <p>- John Stossel - The Market Cure for Health Care https://www.youtube.com/watch?v=Z168rutL2S4</p> <p>- What is Equality & Diversity? https://www.youtube.com/watch?v=iMNwGMxaam0</p> <p>- Social and Environmental Determinants of Health https://www.youtube.com/watch?v=w2CmfIHNmV4</p> <p>- Social Determinants of Health https://www.youtube.com/watch?v=I7iSYi3ziTI</p> <p>- Video ლექცია „Tips for Starting a Healthy Lifestyle!“ https://www.youtube.com/watch?v=0aNNYEUARAK</p>

Course Content

week		The subject of lecture / group work / activity	# of hours
I	Lecture	Subject: Healthcare policy, management and economics – Introduction, Basic concepts and definition. Gill Walt “Health Policy. An Introduction to Process and Power”. pp 26-33	1 hr
	Work in groups/Practical training	Subject: WHO health policy approaches; Practical Examples. WHO Health policy. http://www.who.int/topics/health_policy/en/	2 hr
II	Lecture	Health and Healthcare fundamental principles; Health and Healthcare in the World; Modern approaches in Healthcare systems; Jan Abel Olsen “Principles in Health Economics and Policy”. Part 1. pp 3 - 17	1 hr
	Work in groups/Practical training	Interview Review: Healthcare Around the World. https://www.youtube.com/watch?v=ur6UoY-H41o Video – Lecture Review: What healthcare will look like in 2020. Stephen Klasko. TEDxPhiladelphia https://www.youtube.com/watch?v=esugL07XANg&t=58s Quiz 1. 2 Points.	2 hr
III	Lecture	Economics and Effectives. Healthcare resources. Lack of resources; Demand and supply. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 1. # 2. pp 17 - 47	1 hr
	Work in groups/Practical training	Video lecture’s review. Supply and demand. https://www.youtube.com/results?search_query=supply+and+demand+crash+course+economics+%234+ Quiz 2. 2 points	2 hr
IV	Lecture	Specifics of medical market. Prices for medical services and markets. Factors influencing the prices. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 1. # 3. pp 47 - 61	1 hr
	Work in groups/Practical training	Discussion the Video. John Stossel - The Market Cure for Health Care https://www.youtube.com/watch?v=Z168rutL2S4 Quiz 3. 2 points.	2 hr
V	Lecture	Equality and Justice in Healthcare system. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 1. # 4. pp 61 - 85	1 hr
	Work in groups/Practical training	Discussion the Video lecture. What is Equality & Diversity? https://www.youtube.com/watch?v=iMNwGMxaam0 Practical cases. Quiz 4. 2 points	2 hr
VI	Lecture	Health departments. Physical and social environment. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 2. # 5. pp 85 - 95	1 hr
	Work in groups/Practical training	Video Lecture discussion. Social and Environmental Determinants of Health. https://www.youtube.com/watch?v=w2CmfIHNMV4 Social Determinants of Health.	2 hr

		https://www.youtube.com/watch?v=I7iSYi3ziTI Practical Case. Quiz 5. 2 points.	
VII	Lecture	Healthy Lifestyle. Economical contents of Healthy lifestyle. Video lecture „Tips for Starting a Healthy Lifestyle!“ https://www.youtube.com/watch?v=0aNNYEUARAK Jan Abel Olsen “Principles in Health Economics and Policy”. Part 2. # 6. pp 95 - 106	1 hr
	Work in groups	Discussion.	2 hr
		Midterm Exam	
VIII	Lecture	Insurance. Principle’s of Insurance; Health Insurance; Medical Insurance. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 3. # 7. pp107-119	1 hr
	Work in groups/Practical training	Discussion about Principle’s of insurance. Quiz 6. 2 Points.	2 hr
IX	Lecture	Compulsory Health Insurance. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 3. # 8. 119-123	1 hr
	Work in groups/Practical training	“Evening News” - review 2 points Quiz 7. 2 Points	2 hr
X	Lecture	Payment types for medical services: “cash payment”, co-financing, co-insurance, cost allocation and others. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 3. #9 pp127 - 139	1 hr
	Work in groups/Practical training	Practical case review and discussion. Quiz 8. 2 points	2 hr
XI	Lecture	Financing methods of primary healthcare. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 4. #10.pp139 - 153	1 hr
	Work in groups	Review of Practical cases. Quiz 9. 2 points;	2 hr
XII	Lecture	Financing methods of hospital sector. Integration of health service providers. Integrated payment systems. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 4. #11 and #12 pp153 - 167	1 hr
	Work in groups/Practical training	“Evening News” presentation by students- 2 points. Quiz 10. 2 points;	2 hr
XIII	Lecture	Economic evaluation of healthcare expenses. Non-monetary benefits and monetary benefits. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 5. # 13. pp 175 - 195	1 hr
	Work in groups	Article analysis by students- 3 points. Quiz 11. 2 points;	2 hr
XIV	Lecture	Costs and Discounting. Average costs vs marginal costs. Health Service costs. Non-health service costs. Jan Abel Olsen “Principles in Health Economics and Policy”. Part 5. #14. pp 195-207	1 hr
	Work in groups	Basic terminology and abbreviation; Practical examples and case study review. Quiz 12. 2 points;	2 hr

XV	Lecture	Equity Issues: going beyond CBA (Cost-Benefit Assessment) and ICER (Incremental cost-effectiveness ratio) Jan Abel Olsen "Principles in Health Economics and Policy". Part 5. #15 pp 207-215	1 hr
	Work in groups	Evaluation of seminar: paper version (2 points) and oral presentation (4 points).	2 hr
		Final Exam	