TBILISI STATE MEDICAL UNIVERSITY

MASTER PROGRAM

ADVISOR IN REHABILITATION

Head of the Program: Associate Professor Irine Zarnadze

Title of the program - Advisor in Rehabilitation

Qualification – Master of Physical Medicine and Rehabilitation

ECTS credits -120

Language of Instructions - Georgian

The program aim: The aim of the program "Advisor in Rehabilitation" is to train qualified specialists. The successful program completion will equip students with skills and knowledge necessary to meet the demands of job market, continue PhD studies and pursue continuous professional development.

Modern world sets high standards for medical services, knowledge and adherence to legislative norms are required for medical staff and healthcare professionals apart from providing medical related services, together with the proficiency in conflict management related to medical services, fees and relations with medical staff.

Healthcare reform in Georgia resulted in providing quality medical services. Changes have been made for setting up modern material-technical bases, new civic society has been formed. Providing this, it's important for Georgia to develop high quality educational program and train professionals in the sphere.

The Educational program consists of modules. Teaching methods are in compliance with the physical medicine and rehabilitation Master program requirements. The educational program is based on European credit-transfer system and includes 120 ECT credits (one credit-30 hours) . Program is 2 years (4 semesters). Student workload, contact and free hours are reflected in the credit system.

The MA program includes fundamental and profile educational courses and practical work at the medical institutions, insurance companies, rehabilitation centers, pre -school institutions and schools. The program is based on psychological and medical aspects of disabilities, healthcare legislature, policy, ethics, research methods, medical statistics, constitutional and administrative law.

The knowledge students get at the MA program enable them to pursue their education further at the PhD level or find employment in the healthcare sector. The program includes theoretical aspects of disciplines for finding employment in research and academic circles, as well employment of more practical nature.
Interests of all stakeholders (employers, academic staff, MA students, graduates) are considered in the educational program.

Entry requirements:
Applicant applying for the program must have passed the unified post-graduate exams, hold minimum BA academic degree, also hold the academic medical degree and have basic knowledge of English language. The applicant must pass an exam in specialization and foreign language.
If possible, the applicant may also provide certificates of participating in scientific conferences, empirical researches, internships at the foreign universities. The information won't play part in applicant selection. It will only be used as an additional criteria in case if candidates have equal scores.

Learning outcomes:
The MA program graduates will have the following knowledge after graduation :
Professional code (competencies defined by the international filed associations), healthcare system, health psychology and philosophy, integration of social and cultural peculiarities, developing psychological and social theories, integration of behavioral, moral, emotional and physical varieties. Individual aspects, group work, research skills.
Principles of planning and strategic management, conflict management, principles regulating medical sphere, legislative aspects of biomedicine research, quality of medical services and monitoring and regulation of human resources.
General competencies:

a) **Knowledge and understanding** -Possesses deep and through and systemic field knowledge. Knows the ways of solving field related issues.
b) **Practical application of knowledge –**Complex assessment of managerial problems and finding original ways of problem solution. Organizing individual and large scale research, inferring decisions based on public opinion. Ability to conduct a research and present the results afterwards. Application of modern medical information and methodology.
c) **Conclusion drawing skills** -Making decisions based on research. Preparing conclusions and recommendations for their further application.
d) **Communication skills**-developing research design, application of modern technologies, making a presentations in front of large audiences, providing practical conclusions and recommendations to public in written or/and oral forms in native and foreign languages.
e) **Learning ability –** Independently synthesizing theoretical competencies and practical experiences, advancing knowledge in the field based on modern methods . making appraisal based on case studies, presentation, self-evaluation and peer-evaluation point systems . Individual and group appraisal.
f) **Values –**making priorities, interpretation and public discussion of research results . Balancing stakeholder interests and creating new values.

Field competencies –the graduates will be able to:
-Use the modern teaching methodology and information sources for meeting the healthcare demands
-Define individual development aspects
-Conduct group work, do a research
-Solve and regulate problems incurred in medical services, provide administrative support in all types of medical institutions, every circle of health management.
-Carry out conflict management in a qualified manner within an institution or with partners
-Participate in negotiations and deal makings
-Monitor activities provided by legislative documents

-Use modern research methods for appraisal of population medical services
_Monitor biomedicine researches.

The spheres of employment after graduation:
All types of medical institutions , all types of healthcare management institutions, healthcare centers, other healthcare management bodies; rehabilitation centers.

Methods of learning
The courses are MA students oriented, offering student engagement in teaching process by their active participation in lectures, seminars, colloquiums, presentations and scientific research, scientific publications, projects and work practices.
The teaching methods include:

- Lectures.
- Seminars, discussions
- Case studies
- Group work
- Thesis preparation/presentations.
- Individual work

The teaching methods used in various components/ modules are in compliance with the components/ modules. Individual and collective methods used in teaching process, serve the aim of program goal attainment.

The courses of the educational program are based on the skills and knowledge already obtained by the MA students and are prerequisite for further educational courses. The program encompasses teaching courses based on the inheritance principles. Teaching of prerequisite and inheritance disciplines are not conducted simultaneously, not even after subject reintroduction.

All the Educational program components are equally available for MA students, selective courses, student presentations, papers, projects, educational-research and other methods help students in enhancing their skills and meeting their individual goals.

Teaching through educational programs are carried out on the bases of related departments/ dimensions and profile institutions, that have proper resources for carrying out these type of programs. One of the crucial criteria for academic staff and invited teachers and/or researchers employed at the educational programs are their research activities, verified by their scientific, scientific –methodological publications. The criteria for invited lecturers are their practical and/or academic experiences.

Teaching and Learning methods for educational course:
Lecture- based on interaction and dialogue, practical work, case studies, analysis and decision making. Seminars, independent work (course work, presentation).
Educational course includes lectures, discussions, group projects and presentations.

Discussions: discussions are held at every lecture related to the reading assignments. Students must ask questions and make conclusions based on the reading material.

Case studies : Each group consisting of 2-3 students presenting one concrete situation from the manual. Each group must prepare a formal presentation based on overheads, computer slides and other materials. Personations last for 30 minutes, follow-up question included.

Written case studies: Students present their case studies, not exceeding 10 printed pages.

Assignments : For maximal benefits students must have read the assigned tasks

Independent work:

_ Using , information attainment, critical analysis of articles.
- Using field guidelines, developing forecasting guidelines
- Studying priority programs, project preparation and presentation

Research component :

-Research component includes MA student training in professional filed and methodology

Each MA students chooses a research topic after consulting with a professor and conducts a research based on the surveyed literature and selected research method, consults with a research advisor on regular basis, makes presentations in small groups during the research process and a final presentation at the summative conference. Research component assist students in MA thesis preparation.

Material-Technical data-base:

Computer center- internet access, library, audio video material , e-books and modules, teaching materials in Georgian and English languages available for students at the work place and libraries.

Student achievements

MA students have all the necessary means for attaining information on educational processes for achieving their academic goals. Individualization of MA thesis and electronic (selective) teaching modules are considered as a form of MA student individual goal attainments.

One of the major goal of staff, engaged in the educational program is internationalization of teaching, research and student employment after graduation. The methods of internet conferences, distance lecture-seminars with the participation of foreign specialists – From Erasmus University, Bergen university, Oak University are applied . Winter and Summer schools contests for successful students are offered for this reason as well.
For internationalization of teaching, scientific work and employment, TSMU is actively collaborating with : International Association of Universities (IAU), European University Association (EUA), European association for International education (EAIE), Association for Medical education in Europe (AMEE), Medical Education in Europe

(MEDINE2), International University Council (IUC), World Federation for Medical Education (WFME), Educational Commission for Foreign Medical Graduates (ECFMG), TSMMU is a member Medical education in Europe (MEDINE2) work group carried out by Medical education in Europe (AMEE). Thus Medical university is actively engaged in medical education process in Georgia.

MA program curriculum :

#	Disciplines	Credit	Contact hour	Add. Hours	Credit according to semesters			
					I	II	III	I
	2 Major subjects (compulsory)							
1	Theoretical and practical foundations of Advisor to Rehabilitation	4	50	70	4			
2	Medical and psychological aspects of inability	3	30	60	3			
3	Healthcare legislation	3	25	65			3	
4	Healthcare policy	3	25	65	3			
5	Ethics in rehabilitation	4	35	85			4	
6	Research methods and biostatistics	4	45	75	4			
7	Basics of healthcare management	3	30	60	3			
8	Basics of medical psychology	4	35	85	4			
9	Basic of medical rehabilitation	5	45	115		5		
10	Professional rehabilitation and assistive technology	4	45	75		4		
11	Development and evaluation of willpower, psycho hygiene	4	35	85	4			
12	Psycho rehabilitation	4	35	85		4		
13	Regulation of medical care	3	25	65			3	
14.	History of Georgia, history of religion, chu rehabilitation	4	45	75			4	
15.	Constitutional and administrative law	2	25	35				2
16.	Human rights, patient's rights	4	30	90			4	
17.	Pedagogy	4	30	90		1	3	
18.	Team rehabilitation and recommendations	3	30	60	3			
19	Physical rehabilitation	3	35	55		4		
20	English language	5	45	105	2	2	1	
21	Practical work	10	75	225		5	5	

22	Course work	10	20	250		5	3	2
23	Master Thesis	26	30	750				26
24	elective	1	15	15			1	
	Total	120	840	2760	30	30	30	30

Student appraisal system

European Credit transfer and Accumulation System (ECTS) works at the university. The credits of academic programs are calculated based on the Minister of Education of Science of Georgia decree N3, 5.01.2007 .

The maximal evaluation is -100 points, in every program component, 60-mid evaluation, 40-final exam point. The student who accumulates 51 points based on the mid evaluation and final exam results will be admitted to the final exam. (15.05.2017. #24/3).

The evaluation system

1.Five types of positive evaluations (ECTS):

Grade	Cumulative %	Definition
A	90-100%	outstanding performance without errors
B	81-90%	above the average standard but with minor errors
C	71-80%	generally sound work with some errors
D	61—70%	fair but with significant shortcomings
E	51-60%	performance meets the minimum criteria

2. Two types of negative evaluations

Grade	Cumulative %	Definition
FX	41-50 %	Fail – some more work required before the credit can be awarded
F	0-40 %	Fail – considerable further work is required

Transparency of student appraisal system and criteria is provided. MA students are informed about the appraisal system at the very first lecture/ practical work, also the information is posted in MA or PhD departments. The evaluation process is open and is carried out in the presence of a group or an observer.

Course work is evaluated with ECTS -100 point system:

Student has to complete 2 course papers. Each paper is merited as follows: I-The compliance of course work title and theme of the surveyed literature-20 points. II- methods of critical analysis of the surveyed literature -40 points. III- Logical conclusion drawn on the basis of surveyed material-20 points. IV-course work linguistic proficiency -20 points. Minimal positive appraisal point is -51 points. The course work is evaluated by the student course work advisor together with the program head.

MA thesis is evaluated with ECTS -100 point system:

Minimal positive appraisal point is -51 points. The MA thesis is evaluated by the special committee based on the following evaluation system and criteria : The compliance of MA thesis theme with the surveyed literature-10 points, using proper research methods -10 points, MA thesis linguistic proficiency -10 points, Logical conclusion drawn on the basis of surveyed material-10 points. Problem interpretation and compliance withresearch topic presented to defense - 20 points, presentation quality - 10 points, research issue priority -10 points, student communication skills –participating in discussions and providing research based answers - 20 points.