




Pediatric Rehabilitation

Master Program	Pediatric Rehabilitation
Program Leader	Associate-Professor Zeinab Sopromadze, Professor Irma Manjavidze
Qualification	Master Degree in Pediatric Rehabilitation
Number of ECTS	120 Credits
Language	Georgian
The aim of the educational program which is intended for development of competences and definition of employment possibilities	The aim of the pediatric rehabilitation master program is to prepare a specialist with the knowledge and skills needed for the medical rehabilitation of disabled children with disabilities.
Enrolment requirements	<p>Master Degree Program requirements are the following:</p> <ul style="list-style-type: none"> • Bachelor’s degree in Physical Medicine and Rehabilitation of TSMU • Bachelor’s degree in abovementioned or neighboring specialties of other higher education institutions of Georgia • Bachelor’s degree in similar or neighboring specialties of foreign countries • Completion of required minimum of master's examination • Proficiency in Foreign Language (B2 Level) and TSMU internal speciality test/exam.
Learning outcomes	<p><u>At the end of the first academic year</u>, the Master should be able:</p> <p>To assess the growth and development of the child and to carry out medical monitoring.</p> <p>To determine the child's developmental disorders with the multidisciplinary team</p> <p>To conduct diagnostic surveillance of the child</p> <p>To determine the base of the disability status together</p> <p><u>At the end of the second year of the course</u>, the Master should be able:</p> <p>To evaluate the child's general condition and define the need for counseling of other healthcare professionals,</p> <p>To prepare the basis to identify the status of the disabled child</p> <p>Carrying out rehabilitation procedures (massage, physiotherapy procedures, rehabilitation courses, recovery procedures)</p>

	<p>Team-working in realization of medical rehabilitation programs organized by the multidisciplinary team; (pediatrician, child neurologist, child psychologist and other specialist)</p> <p>Assessment of physical condition, growth/development and physical abilities of child athletes</p> <p>Screening and monitoring of child athletes</p> <p>Selecting physical activity programs considering pathology within the multidisciplinary team.</p>
Methods of learning	<ul style="list-style-type: none"> • Lecture • Seminars, discussions • Learning particular Case –study • Preparing/presentation of thesis • Participation in doctor’s rounds, clinical discussions, clinical conferences • Team work at child’s rehabilitation centre • Testing • Examination
Assessment of student’s knowledge	<p>At the evaluation of work made by the student the following is considered:</p> <ol style="list-style-type: none"> a) current grade (all obligatory components of the training course/module accomplished by the student) b) final examination grade <p>The maximum mark for the course/module is equal to 100 points while maximum mark for final exam is 40 points. Mainly the following methods of evaluation are used: written test, oral or combined examination.</p> <ol style="list-style-type: none"> a) Five types of positive assessment: <ul style="list-style-type: none"> A - EXCELLENT 91-100 points of maximum evaluation; B - VERY GOOD 81-90 points of maximum evaluation; C - GOOD 71-80 points of maximum evaluation; D – SATISFACTORY 61-70 points of maximum evaluation; E - SUFFICIENT 51-60 points of maximum evaluation b) Two types of negative assessment: <ul style="list-style-type: none"> F_x– FAILS TO PASS 41-50 points of maximum evaluation, which means that the student needs more work to pass and is allowed for the exam once more with independent work. F - FAILED 40 points and less of maximum evaluation, which means that the work carried out by the student is not enough and the student has to learn the subject once more from the beginning. <p>The ratio between different components of the assessment is determined by the Syllabus of a separate course of the Master's</p>

	<p>program. In total assessment (the sum of an intermediate (current) mark and a final exam) the share of a final exam doesn't exceed 40% .</p> <p>The Master has the right to take the additional exam in the same semester. The interval between the final exam and the additional exam should not be less than 5 days.</p> <p>According to the criteria provided by the educational program master and / or other studies are also assessed by a 100-point system.</p> <p>Members of the Master's Degree Defense Committee evaluate the master's work with 0-100 points.</p> <p>The assessment of the master's thesis is determined by arithmetic average of points awarded by the qualification committee members for submitted master's papers.</p> <p>The master's thesis defense is considered as passed when receiving 51 or more points by the following gradation of assessment system:</p> <ul style="list-style-type: none">91-100 points - EXCELLENT WORK81-90 points- VERY GOOD WORK71-80 - GOOD WORK61-70 - AVARAGE WORK51-60 points – SATISFACTORY WORK;0-50 points - USUFFICIENT WORK <p>In case of absence for valid reason (illness, etc), work can be presented within one month or on the following thesis defense with the consent of the Faculty Board.</p> <p>In case of receiving less than 51 points on public thesis defense, repeated defense of the work can be presented on the following thesis defense with the consent of the Faculty Board.</p> <p>The master's thesis can be submitted twice by preserving the learning component.</p>
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CURRICULUM

First Year Courses			
#	Title/content	ECTS credits	Semester
1	Legal and bioethical foundations of relations with disabled child and his family.	5	I
2	Informational technologies in pediatrics.	2	I
3	Growth and development's disorders of children, managing and rehabilitation; congenital and acquired pathologies of nervous system. Criteria of determination of disability and rehabilitation multidisciplinary programs.	15	I
4	Pediatric hospital. Diagnostic criteria for determining disability status.	2	I
5	Main principals of rehabilitation-corrective methods.	5	I
6	Medical services for disabled child and adolescent in primary health care system.	6	II
7	Evidence based medicine and medical statistics. Public Health and Epidemiology. Capacity of medical programs for disabled children and criteria of appointment for social assistance.	7	II
8	Principals of corrective psychology.	5	II
9	Main principles of rehabilitation of disabled children and adolescents: physical therapy, massage and physical training.	11	II
Second year courses			
#	Title/content	ECTS credits	Semester
10	Specificity of feeding, disorders and corrective-rehabilitation programs.	2	II
11	Causes of hearing impairment and congenital deafness development, managing, principles of corrective rehabilitation procedures for disabled children and adolescents.	2	III

12	Causes of visual impairment and blindness, managing and medical-rehabilitation procedures for disabled children and adolescents.	2	III
13	Oral cavity congenital anomalies. Correction and rehabilitation of traumatic and expected complications.	2	III
14	Managing and rehabilitation of children's surgical pathologies, after trauma rehabilitation.	2	III
15	Children and adolescent sport trauma	5	III
16	Children's onco-hematological pathologies. Indications for disabled status and rehabilitation procedures.	2	III
17	Children and adolescent medical rehabilitation methods and functional tests of evaluation.	5	III
18	Multidisciplinary approach of medical rehabilitation of disabled children.	6	III
19	Elective courses		
	Corrective psychology and principles of pedagogics	2	III
	Inherited and genetic pathologies determining disabled status in children's age.	2	III
20	To prepare for a master's thesis defense and pass the defense	30	IV
Total Credits – 120 (60 credits each academic year)			