

**Non-entrepreneurial (Non-commercial) Legal Entity -  
Saint King Tamar University of Patriarchate of Georgia**

**Approved**

**Rector University, Professor**

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**Archimandrite Adam (Vakhtang Akhaladze).**

14. 05.0.2021

- **Description of educational programs (catalogue)**

**Saint King Tamar University of Patriarchate of Georgia**

Organizational legal form:

**Non-entrepreneurial (Non-commercial) Legal Entity**

A type of educational institution:

A higher educational institution (University)

Contact information:

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Description of Bachelor's programs of academic higher education

Title of Programme: Psychology/0313.1.1

Qualification/academic degree to be awarded: Bachelor's Degree of Psychology

The Head of the programme: Alexander Rusetsky, Professor of Saint King Tamar University of Patriarchate of Georgia, - Doctor of Psychology

Programme volume in credits: 240 ECTS

Goal of the programme

**The mission of the Bachelor's programme is to strengthen the human capital of the international community of psychologists for the well-being of the individual and the nation with such a new generation of specialists, who consciously choose the path to professional happiness.**

**The main goal of the programme** is to train and integrated decently into the international professional community specialists with relevant competencies for the new generation for the prevention of individual, local, collective and international problems in Georgia and internationally and for psychological support of minimization processes of negative impact.

Graduates will be able to continue their education to the next level and / or to pursue professional activities in the public, business and civil sectors under the knowledge obtained at the Bachelor level. Upon completion of the programme, the knowledge obtained will also be useful while studying for a Bachelor's degree in another professional field.

Due to the purpose, **the general objectives are:**

- to give a student a complex and fundamental theoretical knowledge of psychology. To teach professional communication skills, ethics and to promote professional adaptation and their perfect integration into the professional community.
- to provide the student with methodological knowledge.
- to promote the practical application of the theoretical knowledge gained by a student, thus strengthening the professional identity, proper employment and / or deepening the study to the next levels and raising the qualification.
- to teach the skills of practical application of psychological support, metacognitive management techniques, the history of Georgia and the basics of Christianity and the skills of effective communication with the outside world.

(A diagram of the objectives set in relation to the goal of the programme, interrelationship between a concrete product and outcomes can be seen in Appendix N1)

#### Student Learning Outcome

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##### a) Knowledge:

- Extensive knowledge of the field, which involves: historical dynamics of the development and formation of psychology, as a science;
- Positioning psychology in relation to the system of other sciences; Modern directions in the science of psychology, theoretical and applied directions, the place of Georgian psychological research in the system of psychological knowledge;

- Psychological possibilities of diversity of cognition, basic psychical processes and their characteristic factors; Stages of human psychical development and their peculiarities;
- Common factors of interpersonal, intergroup relations, and macro conflicts existing in social reality;
- The essence of personality and the theories that study it; Mechanisms of implementing the gained theoretical knowledge and experience.

#### **b) Skills:**

- Possesses the basics of professional thesaurus in native and foreign languages;
- Is able to effectively communicate with colleagues and the general public;
- Shares the principles of social responsibility and ethical norms;
- Using internationalization and mobility opportunities, establishes communications with the international professional community;
- Has the ability to select and apply researching features and concrete methods in the planning of real empirical research;
- Possesses information and knowledge about techniques, such as: questionnaires, tests, interviews, organizing of focus groups, basic approaches to group and individual consulting uses techniques of observation, content analysis, surveying, etc.;
- Is ready to apply the theoretical and applied knowledge relevant to the Bachelor's standard in practice - (pedagogical practice, laboratory practice, clinical practice, scientific practice). Active participation in youth conferences, symposia and preparing public presentations;
- Is able to use information and communication technologies;
- Is ready to render psychological support (basic psychological consultation; psychological education; psychological emergency service, correction; facilitation / moderation / mediation);
- Is able to manage or facilitate intrapersonal and interpersonal, internal group and intergroup conflicts;

#### **c) Responsibility and Autonomy**

- To evaluate one's own consistent and multilateral learning process, determine the further learning needs;
- To develop motivation for gaining new knowledge, as a result of understanding the need to evaluate and improve one's own knowledge and skills;
- To plan his/her own learning process, define need of learning in a certain direction (Master's, doctoral studies);
- Understands and takes responsibility for his/her own professional development and learning;
- Participation in the process of formation of values and striving for their establishment.
- A graduate understands the professional, ethical and legal norms in the field of psychology.

- Has the ability to deal with her/his psychological resources; Is able to effectively apply a variety of thinking resources and metacognition; Has the ability of self-knowledge; is able to: self-develop, self-care, self-defense; Has the ability to manage his/her own psychological resources.
- Possesses information about the existing risks and has the ability to use psychological knowledge for the benefit of individuals and society.

### Evaluation system for student's knowledge

The aim of the evaluation of student's knowledge, achieved progress, is to qualitatively determine his/her learning outcomes with regard to educational goals and parameters.

Within module / learning course the structure of the assessment is divided into two elements, such as midterm assessment and final assessment. Each has its percentage share in the assessment system. The midterm element of the evaluation can be divided (attendance, activity, midterm exam, presentation of the abstract, practical work, etc.) into components, which also have their percentage share within this element. Taking into account the relevant percentage share, each concrete assessment is based on the results of the sum of both elements.

The format of the midterm assessment, as well as of the final exam (written, oral), assessment components and their relative share, is determined by the leading staff of the academic course, through the learning course (syllabus).

According to the scale of the European Credit Transfer and Accumulation System (ECTS), for evaluation of students' knowledge is used a credit - a unit, which expresses the volume of work performed by a student to complete one subject, reflected in the time unit - in hours.

Credits can be obtained only after achievement of learning outcomes by a student planned according to the learning course (syllabus), which is reflected by one of the positive assessments provided by the established assessment system.

It is unacceptable to evaluate the learning outcomes reached by a student on a one-time basis - only by evaluating the final examination. The evaluation of the student's knowledge by a certain ratio considers midterm and final examination.

The maximum evaluation for the academic course equals to 100 points:

The final examination is not evaluated by more than 40 points. The right to retake a final examination shall be given to a student who accumulates, 51 scores, taking into account the maximum scores of the midterm evaluations and the final examination. The evaluation component defines the minimum competency threshold, which is reflected in the syllabus of the educational programme component. Sum of minimal competency threshold of midterm evaluation and maximum point of the final evaluation shall not be less than 51 points, while minimal margin of competence for the final evaluation shall not exceed 50% of final evaluation (which equals not less than 20 points).

For the student's knowledge determination is allowed the following:

a) five types of positive evaluation:

a.a) (A) Excellent - 91% or more of maximum grade;

a.b) (B) Very good - 81% -90% of maximum grade;

a.c) (C) Good - 71% -80% of maximum grade;

a.d) (D) Satisfactory - 61% -70% of maximum grade;

a.e) (E) Sufficient- 51% -60% of maximum grade.

b) Two types of negative grades:

b.a) (FX) Did not pass - 41% -50% of the maximum grade, meaning that a student requires some more work before passing and with independent work is given the right to retake additional exam once again. The additional examination shall be appointed in no less than 5 days after publishing the results of the final examination results.

b.b) (F) Fail – 40 and less of maximum point, which means that the work carried out by the student is not enough and he/she has to retake the course.

The date for appointing an additional examination in case of getting FX in an educational programme component will be appointed no later than 5 days after the announcement of the examination results.

The amount of points received in the final evaluation is not added to the evaluation received by a student for the additional exam.

The evaluation received for the additional examination is a conclusive evaluation and it will be reflected in the final evaluation of the educational programme component.

Taking into consideration the evaluation received at the additional examination, if a student receives 0-50 points in the final evaluation of the academic component, he/she will receive the evaluation - F-0 points.

The student has the right to request a fair evaluation of knowledge and to appeal against undesirable exam results in accordance with the established rule. The student, who does not agree with the evaluation and/or examination results, is allowed to submit a reasoned complaint to the Dean of the Faculty not later than within three working days after the examination and request the revision of the results. The evaluation forms, the evaluation components and evaluation methods are described in detail in the syllabi of the academic courses in accordance with the specifics of the academic course.

Bachelor's programme is considered to be completed by a student if he/she has accumulated credits provided by the educational programme and successfully defended the Bachelor's thesis in accordance of the rule established within the University.

The Bachelor's thesis is a kind of summary work, by which is checked the student's reasoning, analysis and synthesis skills in the specialty, as well as the ability to see and evaluate problems. It reveals the compliance of the student's level of knowledge and the level of creative, research skills with the requirements determined by the Bachelor's programme.

Bachelor's thesis should meet the requirements listed below:

a) Bachelor's thesis should not be less than 30 pages of A-4 format. Font: „Sylfaen“; Font size: 12; Headings/subheadings size: 14; Space between text lines: 1,5; page margins (from all sides): 2 cm;

b) The following components should be considered in the structure of the Bachelor's thesis:

b.a) Cover page (the first page of the Bachelor's thesis);

b.b) Abstract (no more than one page, should reflect the structure, goals and a brief conclusion of the thesis);

b.c) Introduction (the substantiation of the actuality of the topic, objectives, tasks, subject of study and the methods used);

b.d) Main part of the text (should be divided in chapters and paragraphs. can be attached with diagrams, tables, drawings);

b.e) Conclusions (should imply the outcomes of the Bachelor's thesis);

b.e) Bibliography (should be presented at the end of the thesis in alphabetical order. First editions published in Georgian and then in foreign languages).

b.f) The following should be indicated in the bibliography:

b.f.a) In case of a periodical: Surname and initials of the author (authors), title of the work, year, volume/number, name of the scientific journal (in italics), Edition number and pages, where the thesis has been published.

b.f.b) in case of a book or a monograph: Surname and initials of the author (authors), title of the work (in italics), publishing year, place, publishing house;

b.f.c) In case of the Internet resource: Surname and initials of the author (authors) of the material, author of the web-site, title of the material with a link, web address, date of finding the material;

b.f.d) In case of an electronic edition: Surname and initials of the author (author ) of the article, title of the article, year, name of the electronic publication (in italics), number of the publication, chapter, paragraph (written in parentheses), web address and date of finding the material;

b.f.e) In case of governmental documents: Name of the country, name of the institution, whom the document belongs to; Type of the document (order, law and etc.), name of the document with the relevant identification number and indication of a year, place of the publishing house, where the indicated document was found and the name of the publishing house, where the indicated document was found;

b.f.f) Literature, used in the text should be indicated as follows: At the end of the quotation is opened a bracket, where a number of named literature is written according to the bibliography list and is embedded with a comma. Then the pages are indicated, from which the quotation or the thesis is taken. (e.g. 15, 150-161);

b.f.g) Footnotes should be used in the main part of the work to indicate additional information (e.g: Please, view Annex 2).

c) The thesis should be bound in the following sequence: The cover page, Abstract, Table of contents, Introduction, Chapters, Conclusion, Bibliography and Appendix (footnotes).

A student has a supervisor while working on the Bachelor's thesis. The supervisor of the Bachelor's thesis is selected by a student from the academic staff of the university. The student is able to choose the topic and supervisor of the Bachelor's thesis only after covering 210 credits, at the beginning of the 8th academic semester of study, not later than one month after the beginning of the academic semester. The topic of the Bachelor's thesis can be changed only once, not more

than two months prior the end of the submission period, in agreement with the supervisor and by submitting a written application to the Dean of the main educational structural unit (faculties) of the University.

Supervisor of a Bachelor's work assists the student in guiding the Bachelor's thesis in the right direction, helps him / her to select a topic, drafts a work plan and processes a bibliography; checks the progress of the student's work on the topic, makes remarks and recommendations; in case of a wrong direction of the research, he/she helps the student in its correction; after the student completes the work on the Bachelor's thesis, in accordance with the rules established by these internal regulations, reviews the Bachelor's thesis (preliminary review) and evaluates it within 60 points no later than 2 weeks.

The supervisor of the Bachelor's thesis has the right to make a reasoned refuse to supervise Bachelor's thesis of the student in writing, both before the start of the work and during the work on the topic, not later than one month after the beginning of the work.

The Bachelor's thesis is defined in the general evaluation system by an independent percentage share, and the evaluation received as a result of its defense in accordance with the established rule is indicated in the standard appendix of the relevant diploma.

The maximum grade for the Bachelor's thesis is equal to 100 points, which is divided into the following components of the evaluation:

A) Preliminary review of the Bachelor's thesis - by the supervisor of the Bachelor's thesis - is evaluated by 60 points, according to the following criteria:

A.a) Novelty and relevance of the topic - 10 points

A.b) Thoroughly searched relevant literary sources, their systematization -10 points;

A.c) Ability to study and present materials around the research topic -10 points;

A.d) Ability to identify, research and analyze the problem, reasoning consistency -20 points;

A.e) Technical, stylistic and grammatical correctness of the paper - 10 points.

B) Public Defense of the Bachelor's thesis - is evaluated by 40 points by the Faculty Board according to the following criteria:

B.a) Comprehension of the submitted paper -10 points;

B.b) Verbal side of the presentation - 15 points;

B.c) Technical side of the presentation - 5 points;

B.d) Answer given to questions, comments and recommendations - 10 points.

To obtain the right to present Bachelor's thesis for public defense, a student must have accumulated at least 11 points at the Preliminary review of a bachelor's thesis.

The evaluation score of the Bachelor's thesis is calculated using the average arithmetic of the points given by the Faculty Board. The Bachelor's thesis will be considered fulfilled by a student, if he/she accumulates 51 points or more.

In case of evaluation of the Bachelor's thesis by 41-50 points, the student is given the right to additional pass for the defense of the Bachelor's thesis once. The interval between the public defense and the additional defense of the Bachelor's thesis should be not less than 10 days. And in case of evaluating of the Bachelor's



thesis by 0-40 points, the student is given the right to choose a new topic and to defend the Bachelor's thesis before the Faculty Board in accordance with the established rule.

## **Program title: Pharmacy 0916.1.1**

**Qualification/academic degree to be awarded: Bachelor of Pharmacy**

**Program Director: Academician Eter Kemertelidze, Professor of Saint King Tamar University of Patriarchate of Georgia**

**Programme volume in credits: 245 (ECTS) Credits**

### The program purpose

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The student will acquire a thorough knowledge in the field of pharmacy, taking into account its various aspects, will study human structure, body functions, growth and connections with the nature, the impact of nature and ecosystem on it, the impact on pathologies of the body with medicinal pharmaceuticals, phyto-homeopathic, preventive, hygienic, nutrition, first aid items - finally their realization before the society.

To study the basic scientific subjects of medicine, the basics of pharmacology, pharmacognosy, biopharmacy, pharmacodynamics, pharmacokinetics and biotransformation.

Also, he/she will gain knowledge in the field of clinical medicine, pharmaceutics, pharmaceutical production, pharmaceutical technologies, social pharmacy, pharmaceutical management. Also, he/she will develop the skills of sectoral and general/transferreble competencies. The programme is aimed at developing the necessary skills for the management and administration of a pharmaceutical organization, so that the graduate will be able to obtain a job in a pharmacy network, pharmaceutical industry, analytical laboratory or governmental public service and further take care of career growth. The graduate will understand the basic normative documents regulating the registration, commodity turnover, quality control and advertising of pharmaceutical products.

### Student's learning outcome

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#### **a) Knowledge**

Has an extensive knowledge of the field that includes critical consideration of theories and principles, understanding of the complex issues of the sphere, namely: Knowledge of methods for obtaining and analyzing pharmaceutical information.

Manipulation with the knowledge of human structure, physiology, biochemistry.

Has systematic knowledge of pharmacist activities in laboratories, factories, pharmacies. The student knows the major chemical, biological, genetic, and physiological processes, which are the basis for the existence of a healthy organism.

The student is aware of the classification of drugs and their pharmacy technologies. The student knows the basics of pharmaceutical and clinical toxicology and their application in practice.

The student understands the basics of pharmacology, analytical and physico-colloidal chemistry data in key pharmaceutical drug manufacturing technologies.

Knows Latin language with professional, pharmaceutical terminology. Knows the processes of biotransformation based on the knowledge of biodynamics-biokinetics; Understands the basic principles of social pharmacy, pharmaceutical management.

#### **b) Ability:**

Implements a project of a research or practical nature describing the given area, in accordance with the recommendations determined in advance. Masters the modern methods of the specialty based on the knowledge of the basic methods of analytical chemistry, physico-colloidal industry and biochemistry.

Manipulates by selection and application of different groups of medications for different diseases. Identifies the drugs nomenclature, principles of keeping properly, due storage and realization principles.

Knows the rules of work in pharmacies, laboratories, pharmaceutical workshops and the requirements of safety equipment. Knows the basics of pharmaceutical and clinical toxicology and their application in practice.

Understands the rules of making basic pharmaceutical formulations, based on the knowledge of physico-colloidal chemistry. Knows the rules of dealing with the medical-pharmaceutical property.

Participates in field expeditions in nature, recognizes medicinal plants.

Possesses the skills of application of pharmaceutical business management and marketing methods in practical activities.

Is able to plan, organize, motivate and control activities in pharmaceutical facilities, manage the introduction of innovations. Is able to think critically and has the ability of self-criticism; is able to identify and solve problems;

Has the ability of correct planning and time-management.

Is able to collect and interpret the features characteristic to the field, as well as perform the analysis of the non-figurative data and situations using the standard and some distinctive methods, make a substantiated conclusion:

Data collection, recording and analysis in the conditions of a pharmacy, laboratory, workshop or expedition. Has the ability to select medicines in case of over-the-counter dispensing;

Ability to make the right decision (in agreement with the doctor) in case of a prescription incompatible or incorrectly dosed; Ability to evaluate the clinical efficacy and cost-effectiveness of a drug;

Ability to reconcile the results of drug analysis (optical, chromatographic methods) and draw reasoned conclusions;

Ability to determine the stability of drugs and the expiration dates; Ability to use the state pharmacopoeia and conduct analysis in accordance with its requirements.

Has an ability to prepare the detailed written report on existing problems and their resolution, to verbally transfer the information to specialists and non-specialists in Georgian and English, to use creatively modern information and communication technologies; Can accurately provide medical reports, documents and other materials

using appropriate technologies;

Has the ability to find, store and apply information through information technology in practical pharmacy;

Is able to find, analyze, interpret and synthesize information and data from various sources in order to make reasoned decisions;

Ability to carry out laboratory research procedures and make conclusions within the competence, analyze the problem and elaborate ways to solve it;

Ability to reason and defend the management decision.

Is able to communicate with patients, social groups, as well as people with communication problems; is able to communicate orally and in writing in Georgian and English languages;

Can use information and communication technologies; Has the ability to work in a group; Has team-work skills; Has the ability to interact/dialogue between people.

### c) **Responsibility and Autonomy**

Is able to identify the need for consistent assessment of his/her own knowledge, further learning, understanding and consistent deepening of knowledge, with a certain degree of independence, using special literature;

Has the ability to realize the need for continuing education (lifelong learning); Ability to determine directions of self-development; Ability to improve knowledge using the latest scientific sectoral literature.

Ability to adhere to professional and ethical values with customers, colleagues and physicians in business relationships.

Take part in the process of formation of values and strive for their establishment. The graduate realizes the professional, ethical and legal norms of pharmacy and implements them in his/her daily activities, that contributes to appreciation, respect of differences and cultural diversity between people, motivation of staff

working in a medical facility, organization of the personnel to achieve common goals, participation in the process of formulating the values of the health care system and establishment of this process.

### Student's Knowledge Assessment System

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The aim of the evaluation of student's knowledge, achieved progress, is to qualitatively determine his/her learning outcomes with regard to educational goals and parameters.

Within module/learning course, the structure of assessment is divided into two elements, such as midterm assessment and final assessment. Each has its percentage share in the assessment system. The midterm element of the evaluation can be divided (attendance, activity, presentation of the abstract, practical work, etc.) into components, which also have their percentage share within this element. Taking into account the relevant percentage share, each concrete assessment is based on the results of the sum of both elements.

The format of the midterm assessment, as well as of the final exam (written, oral), assessment components and their relative share, is determined by the leading staff of the academic course, through the learning course (syllabus).

According to the scale of Transfer and the European Credit Accumulation System (ECTS), for evaluation of students' knowledge is used a credit - a unit, which expresses the volume of work performed by the student to complete one subject, reflected in the time unit - in hours.

Credits can be obtained only after achievement of learning outcomes by the student planned according to the learning course (syllabus), which is reflected by one of the positive assessments provided by the established assessment system.

It is unacceptable to evaluate the learning outcomes reached by a student on a one-time basis - it must be done only by evaluating the final examination. The evaluation of the student's knowledge by a certain ratio considers midterm and final examination.

The maximum evaluation for the academic course equals to 100 points:

The final examination is not evaluated by more than 40 points. The right to retake the final examination shall be given to the student who accumulates 51 scores, taking into account the maximum scores of the midterm evaluations and the final examination. The evaluation component defines the minimum competency threshold, which is reflected in the syllabus of the educational programme component. Sum of the minimum margin of competence of the midterm evaluation and maximum point of the final evaluation shall not be less than 51 points, while minimal margin of competence for the final evaluation shall not exceed 50% of the final assessment (which equals to less than 20 points).

The student's knowledge determination is allowed:

a) Five types of positive evaluation:

a) (A) Excellent – 91% and over of maximum grade; b) (B) Very good - 81-90% of maximum grade; c) (C) Good - 71-80% of maximum grade; (D) Satisfactory - 61-70% of maximum grade; (E) Sufficient - 51-60% of maximum grade.

b) Two types of negative grades:

b.a) (FX) Did not pass - 41%-50% of the maximum grade, meaning that a student requires some more work before passing and with independent work is given the right to retake additional exam once again. The additional examination shall be appointed in no less than 5 days after publishing the results of the final examination results.

b.b) (F) Fail – 40 and less of maximum point, which means that the work carried out by the student is not enough and he/she has to retake the course.

The date for appointing an additional examination in case of getting FX in an educational program component will be appointed no later than 5 days after the announcement of the examination results.

The amount of points received in the final evaluation is not added to the evaluation received by a student for the additional exam.

The evaluation received for the additional examination is a conclusive evaluation and it will be reflected in the final evaluation of the educational program component.

Taking into consideration the evaluation received at the additional examination, if a student receives 0-50 points in the final evaluation of the academic component, he/she will receive the evaluation - F-0 points.

The student has the right to request his/her knowledge to be fairly evaluated and appeal undesirable examination results in accordance with the established rule.

The student, who does not agree with the evaluation and/or examination results, is allowed to submit a reasoned complaint to the Dean of the Faculty not later than within three working days after the examination and request the revision of the results. The evaluation forms, the evaluation components and methods are described in detail in the syllabi of the academic courses in accordance with the specifics of the academic course.

The Bachelor's Program is considered to be completed by the student's if he/she has accumulated credits provided by the educational programme and successfully defended the Bachelor's Thesis in accordance of the rule established within the University.

The Bachelor's thesis is a kind of summary work, by which the student's reasoning, analysis and synthesis skills are checked in the specialty, as well as the ability to see and evaluate problems. It reveals the compliance of the student's level of knowledge and the level of creative, research skills with the requirements determined by the Bachelor's Program.

Bachelor's thesis should meet the requirements listed below:

a) Bachelor's thesis should not be less than 30 pages of A-4 format. Font: „Sylfaen“; Font size: 12; Headings/subheadings size: 14; Space between text lines: 1,5; page margins (from all sides): 2 cm;

b) The following components should be considered in the structure of the Bachelor's thesis: b.a) Cover page (the first page of the Bachelor's thesis);

- b.b) Annotation (should not exceed one page, should reflect the structure, objectives and brief conclusion of the Bachelor's thesis); b.c) Introduction (substantiation of the topic's urgency, goals, objectives, research subject and methods used);
- b.d) Main part of the text (should be divided in chapters and paragraphs. It can be attached by diagrams, tables, drawings); b.e) Conclusion (should reflect the results of the Bachelor's thesis);
- b.e) The list of used literature (should be presented at the end of the thesis in alphabetical order. First editions published in Georgian and then in foreign languages).
- b.f) The following should be indicated in the bibliography:
- b.f.a) In the event of using a periodical: Surname and initials of the author (authors), title of the work, year, volume/number, name of the scientific journal (in italics), Edition number and pages, where the thesis has been published;
- b.f.b) In the event of using a book or a monograph: Surname and initials of the author (authors), title of the work (in italics), publishing year, place, publishing house;
- b.f.c) In the event of using the Internet resource: Surname and initials of the author (authors) of the material, author of the web-site, title of the material with a link, web address, date of finding the material;
- b.f.d) In case of using an electronic edition: Surname and initials of the author (authors) of the article, title of the article, year, name of the electronic publication (in italics), number of the publication, chapter, paragraph (written in parentheses), web address and date of finding the material;
- b.f.e) In case of using governmental documents: Name of the country, name of the institution, whom the document belongs to; Type of the document (order, law and etc.), name of the document with the relevant identification number and indication of a year, place of the publishing house, where the indicated document was found and the name of the publishing house, where the indicated document was found; b.f.f) The literature used in the text should be marked as follows: At the end of the quotation a bracket is opened and a number of named literature is written by the attached list and is embedded with a comma. Then the pages are indicated, from which the quotation or the thesis is taken. (e.g. 15, 150-161);
- b.f.g) Footnotes should be used in the main part of the work to indicate additional information (e.g.: Please, view Annex 2).
- c) The thesis should be bound in the following sequence: The cover page, Annotation, Table of contents, Introduction, Chapters, Conclusion, Bibliography and Appendix (footnotes).

The student has a supervisor while working on the Bachelor's thesis. The supervisor of the Bachelor's thesis is selected by the student from the academic staff of the university. The Bachelor's student is able to choose the topic and supervisor of the Bachelor's thesis only after covering 210 credits, at the beginning of the 8th academic semester, not later than one month after the beginning of the academic semester. The topic of the Bachelor's thesis can be changed only once, not more than two months prior the end of the submission period, in agreement with the supervisor and by submitting a written application to the Dean of the main educational structural unit (faculties) of the University.

**Supervisor of a Bachelor's work:** Assists the student in guiding the Bachelor's thesis in the right direction, helps him/her to select a topic, to draft a work plan and process a bibliography; Checks the progress of the student's work on the topic, makes remarks and recommendations; In case of wrong direction of the research, he/she helps the student in its correction; After the student completes the work on the Bachelor's thesis, in accordance with the rules established by these internal regulations, reviews the Bachelor's thesis (preliminary review) and evaluates it by around 60 points within no later than 2 weeks.

The supervisor of the Bachelor's thesis has the right to make a reasoned refuse to supervise Bachelor's thesis of the student in writing, both before the start of the work and during the work on the topic, not later than one month after the beginning of the work. The Bachelor's thesis is defined in the general evaluation system by an independent percentage share, and the evaluation received as a result of its defense in accordance with the established rule is indicated in the standard annex of the relevant diploma.

The maximum grade for the bachelor's thesis is equal to 100 points, which is divided into the following components of the evaluation:

A) Preliminary review of the Bachelor's thesis - by the supervisor of the Bachelor's thesis - is evaluated by 60 points, according to the following criteria:

A.a) Novelty and relevance of the topic - 10 points

a.b) Thoroughly researched relevant literary sources, their systematization - 10 points; a.c) Ability to study and present the materials around the research topic - 10 points;

a.d) Ability to identify, research and analyze the problem, consistency of reasoning - 20 points; a.e) Technical, stylistic and grammatical correctness of the paper - 10 points.

B) Public Defense of the Bachelor's thesis - is evaluated by 40 points by the Faculty Council according to the following criteria: B.a) Comprehension of the submitted paper -10 points;

b.b) Verbal part of the presentation - 15 points; b.c) Technical part of the presentation - 5 points;

B.d) Answer given to questions, comments and recommendations - 10 points.

To obtain the right to present Bachelor's thesis for public defense, a student must have accumulated at least 11 points at the preliminary review of a Bachelor's thesis.

The evaluation score of the Bachelor's thesis is calculated using the arithmetic mean of the points written by the Faculty Council. The Bachelor's thesis will be considered fulfilled by the student, if he/she accumulates 51 points or more.

In case of evaluation of the Bachelor's thesis by 41-50 points, the student is additionally given the right to publicly defend the Bachelor's thesis once. The interval between the public defense and the additional defense of the Bachelor's thesis should be not less than 10 days. In case of evaluating the Bachelor's thesis by 0-40 points, the student is given the right to choose a new topic and defend the Bachelor's thesis before the Faculty Council in accordance with the established rule.

## BA program: Public Health 0919.1.1

Qualification/academic degree to be awarded: Bachelor of Public Health

Program volume in credits: 243 (ECTS) Credits

The head of the program: Associated Professor at Saint King Tamar University of the Patriarchate of Georgia Doctor of Medicine - Irma Tskhovrebadze

### The program purpose is

The student will gain a thorough knowledge in the field of public health and preventive medicine taking into account its various aspects (monitoring of communicable, non-communicable, chronic and occupational diseases, prevention and control, epidemiological surveillance. Immunoprophylaxis monitoring, epidemiological research, biological safety monitoring. Study of industrial, personnel and economic activities of medical institutions, evaluation of the quality and efficiency of their work), which is achieved by studying general fundamentals of medicine, profile disciplines (healthcare management, healthcare economics, public health, epidemiology, general pathology, occupational pathology, , Food, labor, child and adolescent hygiene, medical ecology, etc.) . Also to develop sectoral and general / transfer competencies skills, which will enable to take an active part in the planning and implementation of measures necessary for disease control and prevention, in establishing a healthy lifestyle and monitoring the quality of medical services.

### Student's learning outcome

#### Knowledge

Has an extensive knowledge of the field that includes critical consideration of theories and principles, understanding of the complex issues of the sphere, namely: Knowledge of the interrelationships of processes and events in living and non-living nature.

Knowledge of the basic patterns of physical, chemical, biological and physiological processes and events.

Knowledge of ongoing structural and functional changes at the level of cellular, tissue, and body systems in norm and pathology. Understanding of the principles of microbiological and immunological diagnostics, prescription of medicines. General interpretation of the results of laboratory and instrumental examinations.



Conduct morbidity analysis, develop schemes of remedial and preventive measures.

Organizing provision of medical aid to community. Conducting sociological research, promoting a healthy lifestyle among the population. Knowledge of the principles of drawing up medical and financial-accounting documentation.

**Ability to use biostatistics methods and computer programs.**

**Skills:**

Carrying out a research or practical project specific to the field in accordance with pre-defined instructions: Carry out preliminary and ongoing sanitary supervision.

Development of sanitary-hygienic and anti-epidemic measures and control over their implementation.

Development of a plan for the prevention of infectious diseases. Planning and monitoring of vaccinations in the population. Investigation of the causes of food poisoning, their elimination and implementation of preventive measures. Study of the impact of environmental and production factors on the health of the population. Environmental expertise and forecasting. Organizing prophylactic medical examinations.

Develop rehabilitation measures for patients with occupational diseases. Planning, organizing and managing medical care for the population in the health care system. Organizing and participating in preventive and anti-epidemic activities for population.

Planning, organizing, motivating and controlling activities in healthcare facilities. Managing the introduction of innovations in the healthcare facility. Is able to think critically and has the ability to self-criticism; is able to identify and solve problems;

has the ability of correct planning and time-management. Is able to collect and interpret field-specific data, as well as perform the analysis of the non-figurative data and situations using the standard and some distinctive methods, make a substantiated conclusion:

Identify regulation of disease dissemination. Determining the causes of individual cases of infectious diseases and epidemic outbreaks. Investigation of epidemiological foci. Use proven methods appropriate to the situation and make competent conclusions when processing the results of laboratory and instrumental examinations;

Able to make, analyze, interpret and synthesize information and data from a variety of sources to make informed decisions; Ability to carry out laboratory research procedures and make conclusions within the scope of competence

Analyze the problem and work out ways to solve it; Reasoning and defending the management decision.

Can prepare a detailed written report on existing problems and solutions and orally transmit information to specialists and non-specialists in Georgian and foreign languages, creatively use modern information and communication technologies. Can accurately provide medical reports, documents and other materials using appropriate technologies; Can inform, educate and supervise the patient as well as his / her family members;

Can communicate with patients, their families and social groups, as well as people with communication problems;

Can communicate orally and in writing in Georgian and English; Can use information and communication technologies; Has the ability to work in a group; Has team-work skills; Has the ability to interact / dialogue between people.

### **Responsibility and Autonomy**

Consistently and comprehensively assess own learning process, identify further learning needs; Realizes and takes responsibility for one's own professional development and learning.

Participation in the process of formation of values and striving for their establishment. The alumni realizes the professional, ethical and legal norms of the medical field and implements them in his/her daily activities, which stipulates to appreciation, respect of differences and cultural diversity between people and motivation of staff working in a medical facility and to organize them to achieve common goals, to participate in the process of formulating the values of the health care system and to establish it.

### Student's Knowledge Assessment System

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The aim of the evaluation of student's knowledge, achieved progress, is to qualitatively determine his/her learning outcomes with regard to educational goals and parameters.

Within module/learning course, the structure of assessment is divided into two elements, such as midterm assessment and final assessment. Each has its percentage share in the assessment system. The midterm element of the evaluation can be divided (attendance, activity, presentation of the abstract, practical work, etc.) into components, which also have their percentage share within this element. Taking into account the relevant percentage share, each concrete assessment is based on the results of the sum of both elements.

The format of the midterm assessment, as well as of the final exam (written, oral), assessment components and their relative share, is determined by the leading staff of the academic course, through the learning course (syllabus).

According to the scale of Transfer and the European Credit Accumulation System (ECTS), for evaluation of students' knowledge is used a credit - a unit, which expresses the volume of work performed by the student to complete one subject, reflected in the time unit - in hours.

Credits can be obtained only after achievement of learning outcomes by the student planned according to the learning course (syllabus), which is reflected by one of the positive assessments provided by the established assessment system.

It is unacceptable to evaluate the learning outcomes reached by a student on a one-time basis - it must be done only by evaluating the final examination. The evaluation of the student's knowledge by a certain ratio considers midterm and final examination.

The maximum evaluation for the academic course equals to 100 points:

The final examination is not evaluated by more than 40 points. The right to retake the final examination shall be given to the student who accumulates 51 scores, taking into account the maximum scores of the midterm evaluations and the final examination. The evaluation component defines the minimum competency threshold, which is reflected in the syllabus of the educational programme component. Sum of the minimum margin of competence of the midterm evaluation and maximum point of the final evaluation shall not be less than 51 points, while minimal margin of competence for the final evaluation shall not exceed 50% of the final assessment (which equals to less than 20 points).

The student's knowledge determination is allowed:

a) Five types of positive evaluation:

a) (A) Excellent – 91% and over of maximum grade; b) (B) Very good - 81-90% of maximum grade; c) (C) Good - 71-80% of maximum grade; (D) Satisfactory - 61-70% of maximum grade; (E) Sufficient - 51-60% of maximum grade.

b) Two types of negative grades:

b.a) (FX) Did not pass - 41%-50% of the maximum grade, meaning that a student requires some more work before passing and with independent work is given the right to retake additional exam once again. The additional examination shall be appointed in no less than 5 days after publishing the results of the final examination results.

b.b) (F) Fail – 40 and less of maximum point, which means that the work carried out by the student is not enough and he/she has to retake the course.

The date for appointing an additional examination in case of getting FX in an educational program component will be appointed no later than 5 days after the announcement of the examination results.

The amount of points received in the final evaluation is not added to the evaluation received by a student for the additional exam.

The evaluation received for the additional examination is a conclusive evaluation and it will be reflected in the final evaluation of the educational program component.

Taking into consideration the evaluation received at the additional examination, if a student receives 0-50 points in the final evaluation of the academic component, he/she will receive the evaluation - F-0 points.

The student has the right to request his/her knowledge to be fairly evaluated and appeal undesirable examination results in accordance with the established rule. The student, who does not agree with the evaluation and/or examination results, is allowed to submit a reasoned complaint to the Dean of the Faculty not later than within three working days after the examination and request the revision of the results. The evaluation forms, the evaluation components and methods are described in detail in the syllabi of the academic courses in accordance with the specifics of the academic course.

The Bachelor's Program is considered to be completed by the student's if he/she has accumulated credits provided by the educational programme and successfully defended the Bachelor's Thesis in accordance of the rule established within the University.

The Bachelor's thesis is a kind of summary work, by which the student's reasoning, analysis and synthesis skills are checked in the specialty, as well as the ability to see and evaluate problems. It reveals the compliance of the student's level of knowledge and the level of creative, research skills with the requirements determined by the Bachelor's Program.

Bachelor's thesis should meet the requirements listed below:

a) Bachelor's thesis should not be less than 30 pages of A-4 format. Font: „Sylfaen“; Font size: 12; Headings/subheadings size: 14; Space between text lines: 1,5; page margins (from all sides): 2 cm;

b) The following components should be considered in the structure of the Bachelor's thesis: b.a) Cover page (the first page of the Bachelor's thesis);

b.b) Annotation (should not exceed one page, should reflect the structure, objectives and brief conclusion of the Bachelor's thesis); b.c) Introduction (substantiation of the topic's urgency, goals, objectives, research subject and methods used);

- b.d) Main part of the text (should be divided in chapters and paragraphs. It can be attached by diagrams, tables, drawings); b.e) Conclusion (should reflect the results of the Bachelor's thesis);
- b.e) The list of used literature (should be presented at the end of the thesis in alphabetical order. First editions published in Georgian and then in foreign languages).
- b.f) The following should be indicated in the bibliography:
- b.f.a) In the event of using a periodical: Surname and initials of the author (authors), title of the work, year, volume/number, name of the scientific journal (in italics), Edition number and pages, where the thesis has been published;
- b.f.b) In the event of using a book or a monograph: Surname and initials of the author (authors), title of the work (in italics), publishing year, place, publishing house;
- b.f.c) In the event of using the Internet resource: Surname and initials of the author (authors) of the material, author of the web-site, title of the material with a link, web address, date of finding the material;
- b.f.d) In case of using an electronic edition: Surname and initials of the author (authors) of the article, title of the article, year, name of the electronic publication (in italics), number of the publication, chapter, paragraph (written in parentheses), web address and date of finding the material;
- b.f.e) In case of using governmental documents: Name of the country, name of the institution, whom the document belongs to; Type of the document (order, law and etc.), name of the document with the relevant identification number and indication of a year, place of the publishing house, where the indicated document was found and the name of the publishing house, where the indicated document was found; b.f.f) The literature used in the text should be marked as follows: At the end of the quotation a bracket is opened and a number of named literature is written by the attached list and is embedded with a comma. Then the pages are indicated, from which the quotation or the thesis is taken. (e.g. 15, 150-161);
- b.f.g) Footnotes should be used in the main part of the work to indicate additional information (e.g.: Please, view Annex 2).
- c) The thesis should be bound in the following sequence: The cover page, Annotation, Table of contents, Introduction, Chapters, Conclusion, Bibliography and Appendix (footnotes).

The student has a supervisor while working on the Bachelor's thesis. The supervisor of the Bachelor's thesis is selected by the student from the academic staff of the university. The Bachelor's student is able to choose the topic and supervisor of the Bachelor's thesis only after covering 210 credits, at the beginning of the 8th academic semester, not later than one month after the beginning of the academic semester. The topic of the Bachelor's thesis can be changed only once, not more than two months prior the end of the submission period, in agreement with the supervisor and by submitting a written application to the Dean of the main educational structural unit (faculties) of the University.

Supervisor of a Bachelor's work: Assists the student in guiding the Bachelor's thesis in the right direction, helps him/her to select a topic, to draft a work plan and process a bibliography; Checks the progress of the student's work on the topic, makes remarks and recommendations; In case of wrong direction of the research, he/she helps the student in its correction; After the student completes the work on the Bachelor's thesis, in accordance with the rules established by these internal regulations, reviews the Bachelor's thesis (preliminary review) and evaluates it by around 60 points within no later than 2 weeks.

The supervisor of the Bachelor's thesis has the right to make a reasoned refuse to supervise Bachelor's thesis of the student in writing, both before the start of the work and during the work on the topic, not later than one month after the beginning of the work. The Bachelor's thesis is defined in the general evaluation system

by an independent percentage share, and the evaluation received as a result of its defense in accordance with the established rule is indicated in the standard annex of the relevant diploma.

The maximum grade for the bachelor's thesis is equal to 100 points, which is divided into the following components of the evaluation:

A) Preliminary review of the Bachelor's thesis - by the supervisor of the Bachelor's thesis - is evaluated by 60 points, according to the following criteria:

A.a) Novelty and relevance of the topic - 10 points

a.b) Thoroughly researched relevant literary sources, their systematization - 10 points; a.c) Ability to study and present the materials around the research topic - 10 points;

a.d) Ability to identify, research and analyze the problem, consistency of reasoning - 20 points; a.e) Technical, stylistic and grammatical correctness of the paper - 10 points.

B) Public Defense of the Bachelor's thesis - is evaluated by 40 points by the Faculty Council according to the following criteria: B.a) Comprehension of the submitted paper -10 points;

b.b) Verbal part of the presentation - 15 points; b.c) Technical part of the presentation - 5 points;

B.d) Answer given to questions, comments and recommendations - 10 points.

To obtain the right to present Bachelor's thesis for public defense, a student must have accumulated at least 11 points at the preliminary review of a Bachelor's thesis.

The evaluation score of the Bachelor's thesis is calculated using the arithmetic mean of the points written by the Faculty Council. The Bachelor's thesis will be considered fulfilled by the student, if he/she accumulates 51 points or more.

In case of evaluation of the Bachelor's thesis by 41-50 points, the student is additionally given the right to publicly defend the Bachelor's thesis once. The interval between the public defense and the additional defense of the Bachelor's thesis should be not less than 10 days. In case of evaluating the Bachelor's thesis by 0-40 points, the student is given the right to choose a new topic and defend the Bachelor's thesis before the Faculty Council in accordance with the established rule.

## **Program title: Physical Medicine and Rehabilitation 0915.1.1**

**Qualification/academic degree to be awarded: Bachelor of Physical Medicine and Rehabilitation**

**The head of the program: Giorgi Chakhunashvili, Professor of St. King Tamar University of the Georgian Patriarchate, Doctor of Medicine**

**Program volume in credits: 248 (ECTS) Credits**

## The program purpose

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The program aims to prepare highly qualified, competitive specialists in the Physical Medicine and Rehabilitation field following current standards of education, who will know the basic scientific concepts of the Human Norm and Pathology Sciences on the microbiological and immunological diagnostics; on the principles of environmental and occupational factors influence on the health of the population; on the basics of diagnosing and managing disease mechanisms, infection, immune and inherited diseases, and emergency and critical conditions.

Current theories, principles, methods, and means of Physical Medicine and Rehabilitation, methods of adaptation of the human body to physical activity, principles of athletes nutrition, Kinesio-correctional measures, and rehabilitation means.

The program aims to prepare a full member of the optimal outcome-oriented multidisciplinary medical team - Bachelor of Physical Medicine and Rehabilitation, who by promoting physical and cognitive function, activity, involvement, modification of personal or environmental factors, ensures prevention, diagnosis, and rehabilitation management of current pathologies with disability at any age, implementation of rehabilitation activities directed at improving functional capacity in the case of acute or chronic conditions;

## Student's learning outcome

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### **a) Knowledge:**

Has an extensive knowledge of the field that includes critical consideration of theories and principles, understanding of the complex issues of the sphere, namely: Anatomical, physiological, pathophysiological features of the human body and its constituent elements, tissue structures of the body, metabolic processes in the human body, metabolism; Physiological and biochemical factors related to physical exercise and their impact on human health;

Functional changes in the body during and after fatigue; ways and means of their recovery; Kinematic characteristics of motion and modern methods of analysis of some movements.

Current theories, principles, methods and means of physical medicine and rehabilitation;

Fundamental provisions of Traumatology. Common evaluation of the traumatic condition and first aid for the injury. General and sports hygiene norms and requirements;

Types and peculiarities of physiotherapy, indications, and contraindications for the appointment of physiotherapy procedures.

Forms and types of massage, their importance for maintaining muscle tone, the impact of the massage mechanism on the body. Methods of restoring and strengthening the health of athletes in conditions of intensive training and rest-recovery. Classification of therapeutic exercise with various signs and clinical and physiological significance of physical exercise on the human body;

Topical issues and peculiarities of the psychological training of the athlete; analysis of mental processes; maintenance of psycho-physical forces - peculiarities of recovery.

Individual strategies of adaptive physical education and sports training;

Determining the diet of athletes and non-athletes; the basic principles of rational and balanced nutrition, methods of their evaluation.

Has a profound knowledge of the basics of physical medicine and general rehabilitation, electro-diagnostics, and electrotherapy, physiotherapy, therapeutic modalities, massage, manual therapy, acupuncture, fitness, orthopedics, and orthotics, the basics of sports medicine.

**b) Ability:**

To determine and successfully implement rehabilitation measures according to the types of sports and rehabilitation deadlines using the latest methods and approaches of physical medicine and rehabilitation;

To determine methods of enhancing human health and develop physical properties; to select medical rehabilitation tactics for various diseases and injuries;

The general evaluation of the traumatic condition and choice of treatment tactics;

To develop a first aid and prevention scheme for traumatic injuries based on medical history and analysis; use the tools and methods needed to enhance the physical characteristics of people with disabilities in various medical and age groups;

To adjust special loads according to the age, sexual, physical, and functional abilities of adults and determine their intensity;

To select healing physical exercises and evaluate results;

To determine the impact of physical exercises and sports on the human body, its psycho-physical capabilities by innovative methods and to develop a complex of special physical exercises.

To develop an individual rehabilitation plan based on the needs of individuals with physical and cognitive developmental disabilities;

To know and practice various massage techniques; proper determination of athletes' diet;

To select and apply individual recommendations for disease prevention, properly plan preventive measures, timely and safely use medical-rehabilitation means;

To identify psychological and social problems and manage the situation within the competence. Can think critically and able for self-critique;

Can identify and solve problems. Can plan and manage time correctly,

collect and interpret data specific to the field, as well as analyze isolated data and situations using standard and some distinctive methods, form a reasoned conclusion:

Analysis, critical evaluation and conclusion of literary sources and information data. Defining the ways of problem-solving.

Assess the situation and determine appropriate preventive measures; Analysis and evaluation of sports - rehabilitation and rehabilitation activities;

Can use the proven method according to the case and make competent conclusions when processing the results of laboratory and instrumental tests;

To make reasoned conclusions for increasing the efficiency of the rehabilitation-recovery process, based on the analysis of the dynamics of physical medicine and rehabilitation development and other indicators.

Is able to find, analyze, interpret and synthesize information and data from various sources in order to make reasoned decisions;

Has the ability to carry out laboratory research procedures and make conclusions within the scope of competence, analyze the problem and work out ways to solve it;

To reason and defend the management decision. To reconcile the opinion correctly and express own position.

Has an ability to prepare the detailed written report on existing problems and their resolution, to verbally transfer the information to specialists and non-specialists in Georgian and English, to use creatively modern information and communication technologies;

Can accurately provide medical documents and other materials using appropriate technologies; Can inform, educate and supervise the patient as well as family members;

Can communicate with patients, their families, and social groups, as well as people with communication problems; can communicate orally and in writing in Georgian and English;

Can use information and communication technologies; can work in a group; has teamwork skills; can interact/dialogue with people.

Can actively participate in conferences, symposia on problematic issues in the field and make a public presentation of conclusions.

### **Responsibility and Autonomy**

To evaluate one's own consistent and multilateral learning process, determine the further learning needs;

To develop motivation for gaining new knowledge, as a result of understanding the need to evaluate and improve own knowledge and skills;

To plan own learning process, define need of learning in a certain direction (Graduate, Doctoral studies). Understands and takes responsibility for his/her own professional development and learning;


Participates in the process of forming values and strives to establish them. The graduate understands the professional, ethical, and legal norms in the field of physical medicine and rehabilitation, the basic principles of medical ethics, patients' rights,

the rights of the disabled, the principles of relations with colleagues, the principles of health law, and performs them in the daily activities, which leads to acting per inherent in professional activities values in various situations, realizing the importance of social integration of people with disabilities.

Appreciate and respect the differences and cultural diversity between people, participate in the process of shaping the values of the health care system and its establishment.

Has professional responsibility and the ability to apply ethical and legal principles in medical practice, the ability to protect confidentiality.





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The aim of the evaluation of student's knowledge, achieved progress, is to qualitatively determine his/her learning outcomes with regard to educational goals and parameters.

Within module / learning course the structure of assessment is divided into two elements, such as midterm assessment and final assessment. Each has its percentage share in the assessment system. The midterm element of the evaluation can be divided (attendance, activity, presentation of the abstract, practical work, etc.) into components, which also have their percentage share within this element. Taking into account the relevant percentage share, each concrete assessment is based on the results of the sum of both elements.

The format of the midterm assessment, as well as of the final exam (written, oral), assessment components and their relative share, is determined by the leading staff of the academic course, through the learning course (syllabus).

According to the scale of Transfer and the European Credit Accumulation System (ECTS), for evaluation of students' knowledge is used a credit - a unit, which expresses the volume of work performed by the student to complete one subject, reflected in the time unit - in hours.

Credits can be obtained only after achievement of learning outcomes by the student planned according to the learning course (syllabus), which is reflected by one of the positive assessments provided by the established assessment system.

It is unacceptable to evaluate the learning outcomes reached by a student on a one-time basis - it must be done only by evaluating the final examination. The evaluation of the student's knowledge by a certain ratio considers midterm and final examination.

The maximum evaluation for the academic course equals to 100 points:

The final examination is not evaluated by more than 40 points. The right to repass a final examination shall be given to the student who accumulates, 51 scores, taking into account the maximum scores of the midterm evaluations and the final examination. The minimum competency threshold is defined in the evaluation component that is reflected in the syllabus of the educational program component. The sum of minimal margin of competence of the midterm evaluation and maximum point of the final evaluation shall not be less than 51 points, while minimal margin of competence for the final evaluation shall not exceed 50% of final evaluation (which equals to no less than 20 points).

The student's knowledge determination is allowed: a) Five types of positive evaluations:

a) (A) Excellent – 91% and over of maximum grade; b) (B) Very good - 81-90% of maximum grade; c) (C) Good - 71-80% of maximum grade; (D) Satisfactory - 61-70% of maximum grade; (E) Sufficient - 51-60% of maximum grade.

b) Two types of negative grades:

b.a) (FX) Did not pass - 41%-50% of the maximum grade, meaning that a student requires some more work before passing and with independent work is given the right to retake additional exam once again. The additional examination shall be appointed in no less than 5 days after publishing the results of the final examination results.

b.b) (F) Fail – 40 and less of maximum point, which means that the work carried out by the student is not enough and he/she has to retake the course.

The date for appointing an additional examination in case of getting FX in an educational program component will be appointed no later than 5 days after the announcement of the examination results.

The amount of points received in the final evaluation is not added to the evaluation received by a student for the additional exam.

The evaluation received for the additional examination is a conclusive evaluation and it will be reflected in the final evaluation of the educational program component.

Taking into consideration the evaluation received at the additional examination, if a student receives 0-50 points in the final evaluation of the academic component, he/she will receive the evaluation - F-0 points.

The student has the right to request his/her knowledge to be fairly evaluated and appeal undesirable examination results in accordance with the established rule. A student who does not agree with the result of the examination is entitled to file a substantiated complaint with the Dean of the Faculty

no later than three working days after the examination and request a revision of the result. The evaluation forms, the evaluation components and methods are described in detail in the syllabi of the academic courses in accordance with the specifics of the academic course.

The student's bachelor program is considered to be completed if he/she has accumulated credits provided by the educational program and successfully defended the Bachelor's Thesis in accordance of the rule established within the University.

The Bachelor's thesis is a kind of summary work, by which the student's reasoning, analysis and synthesis skills are checked in the specialty, as well as the ability to see and evaluate problems. It reveals the compliance of the student's level of knowledge and the level of creative, research skills with the requirements determined by the Bachelor's Program.

Bachelor's thesis should meet the requirements listed below:

a) Bachelor's thesis should not be less than 30 pages of A-4 format. Font: „Sylfaen“; Font size: 12; Headings/subheadings size: 14; Space between text lines: 1,5; page margins (from all sides): 2 cm;

b) The following components should be considered in the structure of the Bachelor's thesis: b.a) Cover page (the first page of the Bachelor's thesis);

b.b) Annotation (should not exceed one page, should reflect the structure, objectives and brief conclusion of the Bachelor's thesis); b.c) Introduction (substantiation of the topic's urgency, goals, objectives, research subject and methods used);

b.d) Main part of the text (should be divided in chapters and paragraphs. It can be attached by diagrams, tables, drawings); b.e) Conclusion (should reflect the results of the Bachelor's thesis);

b.e) The list of used literature (should be presented at the end of the thesis in alphabetical order. First editions published in Georgian and then in foreign languages).

b.f) The following should be indicated in the bibliography:

b.f.a) In the event of using a periodical: Surname and initials of the author (authors), title of the work, year, volume/number, name of the scientific journal (in italics), Edition number and pages, where the thesis has been published;

b.f.b) In the event of using a book or a monograph: Surname and initials of the author (authors), title of the work (in italics), publishing year, place, publishing house;

b.f.c) In the event of using the Internet resource: Surname and initials of the author (authors) of the material, author of the web-site, title of the material with a link, web address, date of finding the material;

b.f.d) In case of using an electronic edition: Surname and initials of the author (authors) of the article, title of the article, year, name of the electronic publication (in italics), number of the publication, chapter, paragraph (written in parentheses), web address and date of finding the material;

b.f.e) In case of using governmental documents: Name of the country, name of the institution, whom the document belongs to; Type of the document (order, law and etc.), name of the document with the relevant identification number and indication of a year, place of the publishing house, where the indicated document was found and the name of the publishing house, where the indicated document was found; b.f.f) The literature used in the text should be marked as follows: At the end of the quotation a bracket is opened and a number of named literature is written by the attached list and is embedded with a comma. Then the pages are indicated, from which the quotation or the thesis is taken. (e.g. 15, 150-161);

b.f.g) Footnotes should be used in the main part of the work to indicate additional information (e.g.: See Annex 2).

c) The thesis should be bound in the following sequence: The cover page, Annotation, Table of contents, Introduction, Chapters, Conclusion, Bibliography and Appendix (footnotes).

The student has a supervisor while working on the Bachelor's thesis. The supervisor of the Bachelor's thesis is selected by the student from the academic staff of the university. The Bachelor's student is able to choose the topic and supervisor of the Bachelor's thesis only after covering 210 credits, at the beginning of the 8th academic semester, not later than one month after the beginning of the academic semester. The topic of the bachelor's thesis can be changed only once, not more than two months before the end of the submission period, in agreement with the supervisor and by submitting a written application to the Dean of the main educational structural unit (faculties) of the University.

Supervisor of a Bachelor's work: Assists the student in guiding the bachelor's thesis in the right direction, helps him / her to select a topic, compile a work plan and develop a bibliography; Checks the progress of the student's work on the topic, expresses remarks and recommendations; In the case of directing the research in the

wrong direction, helps the student in its correction; After the student completes the work on the bachelor's thesis, following the rules established by these internal regulations, reviews the bachelor's thesis (preliminary review) and evaluates it within 60 points no later than 2 weeks.

The supervisor of the bachelor's thesis has the right to make a reasoned refuse to supervise bachelor's thesis of the student in writing, both before the start of the work and during the work on the topic, not later than one month after the beginning of the work. The Bachelor's thesis is defined in the general evaluation system by an independent percentage share, and the evaluation received as a result of its defense in accordance with the established rule is indicated in the standard annex of the relevant diploma.

The maximum grade for the bachelor's thesis is equal to 100 points, which is divided into the following components of the evaluation:

a) Pre-examination of the bachelor's thesis - by the head of the bachelor's thesis is evaluated with 60 points, according to the following criteria:

a.a) Novelty and relevance of the topic - 10 points

a.b) Thoroughly researched relevant literary sources, their systematization - 10 points; a.c) Ability to study and present the materials around the research topic - 10 points;

a.d) Ability to identify, research and analyze the problem, consistency of reasoning - 20 points; a.e) Technical, stylistic and grammatical correctness of the paper - 10 points.

b) Public Defense of the Bachelor's thesis - is evaluated by 40 points by the Faculty Council according to the following criteria: b.a) Comprehension of the submitted paper -10 points;

b.b) Verbal part of the presentation - 15 points; b.c) Technical part of the presentation - 5 points;

b.d) Answer given to questions, comments and recommendations - 10 points.

To obtain the right to present Bachelor's thesis for public defense, a student must have accumulated at least 11 points at the preliminary review of a Bachelor's thesis.

The evaluation score of the Bachelor's thesis is calculated using the arithmetic mean of the points written by the Faculty Council. The Bachelor thesis will be considered fulfilled by the student, if he/she accumulates 51 points or more.

In case of evaluation of the Bachelor's thesis by 41-50 points, the student is additionally given the right to publicly defend the Bachelor's thesis once. The interval between the public defense and the additional defense of the Bachelor's thesis should be not less than 10 days. And in case of evaluating of the bachelor's thesis by 0-40 points, the student is given the right to choose a new topic and to defend the bachelor's thesis before the Faculty Board in accordance with the established rule.

**Program title: Nursing 0913.1.1**

**Qualification/academic degree to be awarded Bachelor of Nursing**

**Program volume in credits: 242(ECTS) CREDITS**

**The head of the program: Giorgi Tsilosani, Professor of St. King Tamar University of the Georgian Patriarchate, Doctor of Medicine**

#### The program purpose

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The student to acquire a thorough knowledge in nursing theory, in restoring and maintaining the health of individuals, families, population groups, or communities of any age group, in disease prevention, in the care of the sick, disabled, and terminally ill patients/clients; As well as adequate knowledge and skills relevant to current requirements on clinical medicine, population health, underlying pathologies, human infections, nursing case management, and scientific evidence, to build appropriate institutional potential; Develop clinical practice skills and the ability to apply the acquired knowledge in practice and to carry out professional activities in various medical and social service providers (emergency aid, resuscitation, surgery, therapy, urology, pediatrics, obstetrics, geriatrics, gynecology, psychiatry, gastroenterology, cardiology, oncology), in hospices, non-governmental organizations, etc. Acquire skills in the development of essential field competencies as well as general/transferable competencies, and also be able to pursue independent professional activities, and develop a lifelong commitment to learning and continuing professional development; Develop the ability to participate in various clinical trials based on knowledge acquired in social research methodology, to collect and analyze data to make informed decisions, as well as to respond and adapt efficiently to changing needs and future priorities in the population; All of the above leads to the formation of a bachelor of nursing according to current requirements.

#### Student learning outcome

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**a) Knowledge:**

- Demonstrates a broad knowledge of nursing, which includes a critical understanding of theories and principles, understanding complex issues in the field, knowledge of nursing practice skills.
- Demonstrates knowledge of human structure, physiology, biochemistry, general and private pathologies and can manipulate this knowledge in various diseases.
- Demonstrates knowledge of the basics of the influence of physical, chemical, and biological factors on the body and ecology.
- Demonstrates knowledge of laboratory-instrumental examinations, infection control, management, and prevention, as well as care for people with special needs (sick, disabled, and terminally ill).
  
- Demonstrates knowledge of healthcare technologies and informatics, which could be duly used in nursing practice, patient/client care, and various non-standard situations.
- Demonstrates knowledge of the basics of the public healthcare organization, health promotion, population education and patient care, social, health, and behavioral sciences, which can be duly applied in nursing practice.
- Demonstrates knowledge of the mechanisms of action of principal medicines.
- Demonstrates knowledge of methods of diagnosis and care of pediatric, geriatric, neurological, psychiatric, and oncological patients, prevention of pathologies, and planned rehabilitation methodologies resulting in trauma and various diseases, which can be used in patient rehabilitation management and medical practice.
- Understands the responsibilities, roles, and functions of the nurse, healthcare, and social security policies, social, health and behavioral sciences that can be duly applied in nursing practice.
- Understands the basics of the studied sciences (pediatrics, geriatrics, therapy, neurology, biochemistry, psychiatry, oncology, etc.) and knows to perform practical manipulations relevant to the nurse in this field
- Demonstrates knowledge of Georgian and Latin medical terminology, as well as sociological research methodologies, principles, and ability to apply them in practice
- Understands psychology, legal foundations of healthcare, ethical and legal norms
- Possesses information technologies and the ability to use them in practice

**b) Ability:**

- Can take professional responsibility and use physical skills duly to perform procedures (adroitness and accuracy required for various nursing procedures and manipulations - intravenous injection, catheterization, suture removal, etc.).
- Can take responsibility for patient care: Patient evaluation, care planning, implementation and evaluation.
- Can explain the meaning of Georgian and Latin medical terminology and medical documentation,
- Can be responsible for the implementation of the rules/services of the institution/institutions, the observance of their policies and procedures, financial and physical resources, as well as the drafting documentation;
- Can carry out a research or practical project specific to the field following pre-defined guidelines:
- Able to identify and interpret signs of patient health and pathology, signs of distress and disability;
- Can plan, implement, evaluate appropriate individual patient care programs as needed, in agreement with them and their family members, in collaboration with health and social workers;
- Ensures differentiation of patients of various nosology, their diagnosis, and care;
- Can safely use medications and other treatments;
- Can efficiently assess the complications and risks of various diseases and take appropriate action;
- Can inform, educate and supervise the patient and his / her caregiver, as well as the family;
- Can communicate effectively with both Georgian and English speaking patients, their families and social groups, including those with communication problems;
- Able to report and document activities implemented using technology
- Able to work with colleagues in an agreed and effective manner, coordinated team management with efficient and thoughtful patient/client care, and considering their interests
- Adheres to professional, ethical and legal norms; Ensures patient / client care in a safe environment;
- Can conceive critically and has self-esteem and logical thinking skills;
- Able to identify and solve problems in non-standard situations;
- Able to manage work and to work efficiently, including proper time planning and management.
- Able to protect and supervise infection control and prevention measures
- Can participate in various clinical trials and also collect and analyze data specific to the field of activity using standard and some distinctive methods. Can find, analyze, interpret, and synthesize information and data from various sources and formulate a reasoned conclusion that will be used to make a reasoned decision.
- Has the ability to collect and analyze information about the patient's health to carry out efficient activities;

-Able to identify problems that need research and analysis. As well as a nursing assessment of the patient, determining the suitability for discharge from the hospital, etc.

Can carry out laboratory-examination procedures within its competence and make relevant conclusions

- Able to provide important information to the patient/client and use the skills of persuasion, comfort, and compassion
- Can prepare a communication letter on existing problems and solutions in the field of activity and deliver it to the target audience in Georgian and foreign (English, German) languages using current information and communication technologies
- Possess and uses efficient communication methods with the patient and his/her formal and informal caregiver and other family members, as well as with communication problems and special needs persons.
- Can communicate efficiently with patient/client's family members and caregivers for their information, education, and supervision
- Has the ability to work in a team, dialogue/interaction between people and in a stressful environment;
- Able to communicate interpersonally, in written, verbal and nonverbal, as well as demonstrate presentation skills;
- Has the ability to plan and organize: the time for himself, students, and junior staff.

### **Responsibility and Autonomy**

- Able to evaluate the learning process consistently and comprehensively, experience self-development through life-long learning;
- Recognizes the importance of professional growth and development and responsibility for own career and professional development;
- Can identify the needs of the next level of training and set priorities on a regular basis;
- Realizes participation in the process of value formation and striving to establish them
- Understands the professional, ethical and legal norms of the medical field and implements them in daily activities, which leads to the appreciation and respect for differences and cultural diversity between people.
- Protects patient / client dignity, rights, privacy and other values.



The aim of the evaluation of student's knowledge, achieved progress, is to qualitatively determine his/her learning outcomes with regard to educational goals and parameters.

Within module / learning course the structure of assessment is divided into two elements, such as midterm assessment and final assessment. Each has its percentage share in the assessment system. The midterm element of the evaluation can be divided (attendance, activity, midterm exam, presentation of the abstract, practical work, etc.) into components, which also have their percentage share within this element. Taking into account the relevant percentage share, each concrete assessment is based on the results of the sum of both elements.

The format of the midterm assessment, as well as of the final exam (written, oral), assessment components and their relative share, is determined by the leading staff of the academic course, through the learning course (syllabus).

According to the scale of Transfer and the European Credit Accumulation System (ECTS), for evaluation of students' knowledge is used a credit - a unit, which expresses the volume of work performed by the student to complete one subject, reflected in the time unit - in hours.

Credits can be obtained only after achievement of learning outcomes by the student planned according to the learning course (syllabus), which is reflected by one of the positive assessments provided by the established assessment system.

It is unacceptable to evaluate the learning outcomes reached by a student on a one-time basis - it must be done only by evaluating the final examination. The evaluation of the student's knowledge by a certain ratio considers midterm and final examination.

The maximum evaluation for the academic course equals to 100 points:

The final examination is not evaluated by more than 40 points. The right to repass a final examination shall be given to the student who accumulates, 51 scores, taking into account the maximum scores of the midterm evaluations and the final examination. The evaluation component defines the minimum competency threshold, which is reflected in the syllabus of the educational program component. Sum of minimal margin of competence of midterm evaluation and maximum point of the final evaluation shall not be less than 51 points, while minimal margin of competence for the final evaluation shall not exceed 50% of final evaluation (which equals to less than 20 points).

The student's knowledge determination is allowed:

a) five types of positive evaluation:

a.a) (A) Excellent - 91% or more of maximum grade;

a.b) (B) Very good - 81% -90% of maximum grade;

a.c) (C) Good - 71% -80% of maximum grade;

a.d) (D) Satisfactory - 61% -70% of maximum grade;

a.e) (E) Sufficient- 51% -60% of maximum grade.

b) Two types of negative grades:

b.a) (FX) Did not pass - 41% -50% of the maximum grade, meaning that a student requires some more work before passing and with independent work is given the right to retake additional exam once again; The additional examination shall be appointed in no less than 5 days after publishing the results of the final examination results.

b.b) (F) Fail – 40 and less of maximum point, which means that the work carried out by the student is not enough and he/she has to retake the course.

The date for appointing an additional examination in case of getting FX in an educational program component will be appointed no later than 5 days after the announcement of the examination results.

The amount of points received in the final evaluation is not added to the evaluation received by a student for the additional exam.

The evaluation received for the additional examination is a conclusive evaluation and it will be reflected in the final evaluation of the educational program component.

Taking into consideration the evaluation received at the additional examination, if a student receives 0-50 points in the final evaluation of the academic component, he/she will receive the evaluation - F-0 points.

The student has the right to request a fair evaluation of knowledge and to appeal against undesirable exam results in accordance with the established rule. The student, who does not agree with the evaluation and/or examination results, is allowed to submit a reasoned complaint to the Dean of the Faculty not later than within three working days after the examination and request the revision of the results. The evaluation forms, the evaluation components and evaluation methods are described in detail in the syllabi of the academic courses in accordance with the specifics of the academic course.

The student's bachelor program is considered to be completed if he/she has accumulated credits provided by the educational program and successfully defended the Bachelor's Thesis in accordance of the rule established within the University.

The bachelor's thesis is a kind of summary work, by which is checked the student's reasoning, analysis and synthesis skills in the specialty, as well as the ability to see and evaluate problems. It reveals the compliance of the student's level of knowledge and the level of creative, research skills with the requirements determined by the bachelor program.

Bachelor's thesis should meet the requirements listed below:

a) Bachelor's thesis should not be less than 30 pages of A-4 format. Font: „Sylfaen“; Font size: 12; Headings/subheadings size: 14; Space between text lines: 1,5; page margins (from all sides): 2 cm;

b) The following components should be considered in the structure of the Bachelor's thesis:

b.a) Cover page (the first page of the Bachelor's thesis);

b.b) annotation (no more than one page, should reflect the structure, goals and a brief conclusion of the thesis);

b.c) introduction (the substantiation of the actuality of the topic, objectives, tasks, subject of study and the methods used);

b.d) main part of the text (should be divided in chapters and paragraphs. can be attached with diagrams, tables, drawings);

b.e) conclusions (should imply the outcomes of the Bachelor's thesis);

b.e) The list of used literature (should be presented at the end of the thesis in alphabetical order. First editions published in Georgian and then in foreign languages).

b.f)The following should be indicated in the bibliography:

b.f.a) In the event of using a periodical: Surname and initials of the author (authors), title of the work, year, volume/number, name of the scientific journal (in italics), Edition number and pages, where the thesis has been published.

b.f.b) in the event of using a book or a monograph: Surname and initials of the author (authors), title of the work (in italics), publishing year, place, publishing house;

b.f.c) In the event of using the Internet resource: Surname and initials of the author (authors) of the material, author of the web-site, title of the material with a link, web address, date of finding the material;

b.f.d) In case of using an electronic edition: Surname and initials of the author (author ) of the article, title of the article, year, name of the electronic publication (in italics), number of the publication, chapter, paragraph (written in parentheses), web address and date of finding the material;

b.f.e) In case of using governmental documents: Name of the country, name of the institution, whom the document belongs to; Type of the document (order, law and etc.), name of the document with the relevant identification number and indication of a year, place of the publishing house, where the indicated document was found and the name of the publishing house, where the indicated document was found;

b.f.f) Literature, used in the text should be indicated as follows: At the end of the quotation is opened a bracket, where a number of named literature is written by the attached list and is embedded with a comma. Then the pages are indicated, from which the quotation or the thesis is taken. (e.g. 15, 150-161);

b.f.g) Footnotes should be used in the main part of the work to indicate additional information (e.g.: Please, view Annex 2).

c) The thesis should be bound in the following sequence: The cover page, Annotation, Table of contents, Introduction, Chapters, Conclusion, Bibliography and Appendix (footnotes).

The student has a supervisor while working on the bachelor thesis. The supervisor of the Bachelor's thesis is selected by the student from the academic staff of the university. The student is able to choose the topic and supervisor of the bachelor thesis only after covering 210 credits, at the beginning of the 8th academic semester of study, not later than one month after the beginning of the academic semester. The topic of the bachelor's thesis can be changed only once, not more than two months prior the end of the submission period, in agreement with the supervisor and by submitting a written application to the Dean of the main educational structural unit (faculties) of the University.

Supervisor of a Bachelor's work: Assists the student in guiding the bachelor's thesis in the right direction, helps him / her to select a topic, drafts a work plan and processes a bibliography; Checks the progress of the student's work on the topic, makes remarks and recommendations; In case of wrong direction of the research, he/she helps the student in its correction; After the student completes the work on the bachelor's thesis, in accordance with the rules established by these internal regulations, reviews the bachelor's thesis (preliminary review) and evaluates it within 60 points no later than 2 weeks.

The supervisor of the bachelor's thesis has the right to make a reasoned refuse to supervise bachelor's thesis of the student in writing, both before the start of the work and during the work on the topic, not later than one month after the beginning of the work.

The bachelor's thesis is defined in the general evaluation system by an independent percentage share, and the evaluation received as a result of its defense in accordance with the established rule is indicated in the standard appendix of the relevant diploma.

The maximum grade for the bachelor's thesis is equal to 100 points, which is divided into the following components of the evaluation:

A) Preliminary review of the bachelor's thesis - by the supervisor of the bachelor's thesis - is evaluated by 60 points, according to the following criteria:

A.a) Novelty and relevance of the topic - 10 points

A.b) Thoroughly searched relevant literary sources, their systematization -10 points;

A.c) Ability to study and present materials around the research topic -10 points;

A.d) Ability to identify, research and analyze the problem, reasoning consistency -20 points;

A.e) Technical, stylistic and grammatical correctness of the paper - 10 points.

B) Public Defense of the bachelor's thesis - is evaluated by 40 points by the Faculty Board according to the following criteria:

B.a) Comprehension of the submitted paper -10 points;

B.b) Verbal side of the presentation - 15 points;

B.c) Technical side of the presentation - 5 points;

B.d) Answer given to questions, comments and recommendations - 10 points.

To obtain the right to present Bachelor's Thesis for public defense, a student must have accumulated at least 11 points at the Preliminary review of a bachelor's thesis.

The evaluation score of the bachelor's thesis is calculated using the average arithmetic of the points written by the Faculty Board. The Bachelor thesis will be considered fulfilled by the student, if he/she accumulates 51 points or more.

In case of evaluation of the bachelor's thesis by 41-50 points, the student is given the right to additional pass for the defense of the Bachelor's thesis once. The interval between the public defense and the additional defense of the bachelor's thesis should be not less than 10 days. And in case of evaluating of the bachelor's thesis by 0-40 points, the student is given the right to choose a new topic and to defend the bachelor's thesis before the Faculty Board in accordance with the established rule.

**Program title: Bio-pharmacy /0916.2.4/**

**Qualification/academic degree to be awarded: Master of Biopharmacy  
/ Master of Biopharmacy**

**Program volume in credits: 120 (ECTS) Credits**

**The head of the program: Lia Tsiklauri, Doctor of Pharmacy, Professor of St. King Tamar Educational University of Patriarchate of Georgia**

The program purpose is

To train a specialist in the field of bio-pharmacy, who will have deep theoretical knowledge in the main tasks of bio pharmacy - maximum increase in the therapeutic efficiency of medicinal substances and minimization of their side effects; in the fundamental principles of current cellular and molecular pharmacology, in the basis of multiple drug resistance, selective action, and bio penetration of drugs; in target structures and the action of drugs on adaptive response. To teach the pharmacokinetics of drugs in the body, biotransformation processes, and molecular-genetic aspects of pharmacological treatment; Advances in the use of nanotechnologies to improve drug bio penetration. Also to teach current molecular-biological and bioanalytical methods. To deepen the understanding of molecular biology and biochemistry. To deepen the understanding of molecular biology and biochemistry. The program has a scientific research character and gives the perspective of creating new therapies, identifying their mechanisms of action, and putting them into practice.

Student's learning outcome

**a) Knowledge**

Has deep and systematic knowledge of the field, which allows developing new, original ideas; understands ways to solve a particular problem; possesses information about various directions of current pharmacy.

Knows the molecular mechanisms of drugs action, the action of compounds of plant, animal, microbial origin or synthetic biologically active compounds, understands the ways of drug entry into the body, including the relationship and curative potential; peculiarities of factors acting on pharmacokinetic and pharmacodynamic processes of drugs, bio-penetration and determination of physic-chemical and technological parameters acting on it; drug resistance and the role of transport proteins in its formation,

the basics of absorption, distribution, metabolism and elimination (excretion) of the active substance in the body.

Knows the principles of application of nanotechnologies in bio-pharmacy and development of modern drug delivery systems; principles of differentiation of poisonous and mighty medicinal substances, prediction of side effects and toxicity and their avoidance. The student possesses current methods of pharmaceutical technology and biochemical research; general systematization of instrumental methods, essence, capabilities, aspects of application. Knows the structure and working principles of the tools used to produce practical work, the algorithm for processing the obtained results, and the specifics of interpretation.

#### **b) Ability:**

Has the ability to determine and analyze the action of drugs, the mechanism of drug resistance; select a research question and formulate a hypothesis. Can select the necessary research strategy; uses a creative approach to issues; has the ability to manage time and resources efficiently.

Has skills in pharmaceutical technology, working with analytical and bioanalytical laboratory equipment; skills in taking and processing biological samples.

Can carry out research using pharmaceutical technology and current methods of biochemical research; correctly perceive the connection between the chemical structure of the active substance, the drug preparation technology and its pharmacological effect; can take into account the peculiarities of receiving, storing, using, and standardizing raw materials of plant, animal, microbial and synthetic origin. Can independently carry out new original scientific research in the field of bio-pharmacy using optimal methods of solving the set tasks.

The Master of Bio-pharmacy has the ability to predict the development of events in the context of limited information, to draw the right conclusions, to manage changes in dynamics, to form an action ordonnance based on appropriate arguments, and to make efficient decisions. Can form reasoned conclusions based on research results. Has the ability to generate logical thinking, critical analysis, evaluation, and synthesis. Has the ability to formulate an expert opinion if necessary.

Has the ability to communicate scientifically in native and English languages.

Possesses the skills of using current information and communication technologies, taking into account the specifics of the field.

Has the ability to prepare scientific reports and presentations for both specialists and a broad audience.

Can coordinate group activities; obtain and process specific biopharmaceutical-specific professional information from a variety of sources; report to the academic community at the academic level, receive comments, remarks, and advice; express own position on key issues, defend, and actively participate in discussions (both in native and one of the European languages).

#### **c) Responsibility and Autonomy:**

The Master of Bio-pharmacy can identify learning needs, and plan and implement learning independently. He / she has the ability to plan, carry out the original research,

interpret the results of laboratory observations and measurements correctly, initiate research in the field of specialization and generate interesting ideas. In addition, the graduate can: Work independently with educational, scientific, normative references, and other sources, critically evaluate the learning process, and prioritize own knowledge and needs for further professional development.

Uses knowledge of scientific research ethics. Appreciates and respects the opinion of colleagues. Can assess own and others' attitudes towards values and contribute to the establishment of new values.

Takes great responsibility for own professional activities. Critically,

with a "cold mind" evaluates the possibilities of new medicines. While working on a master's dissertation, he/she realizes the importance of the unwritten law (academic integrity) in the scientific world, as well as the objective presentation of the negative results obtained by the research. Respects Georgia's struggle for independence, history, culture and traditions.

### Student's Knowledge Assessment System

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The aim of the evaluation of student's knowledge, achieved progress, is to qualitatively determine his/her learning outcomes with regard to educational goals and parameters.

The rules of assessing the achievement of the Master's student complies with the requirements of the relevant regulatory rules and the administrative-legal acts of Saint King Tamar University of Patriarchate of Georgia concerning the assessment of the student's achievements. The principles of transparency and fairness are envisaged. Calculation of the educational program credits and evaluation of the student's achievements are conducted in accordance with the Order N3 (issued on 05.01.2007) of the Minister of Education and Science of Georgia.

The Master's Programme includes learning as well as research components. The study component provides for the study of compulsory training courses, general or free components within the graduate program. The Master's student has the right to choose the desired disciplines from the elective part of the Master's program. The learning and research work performed by the Master's student is measured by credit.

Credit in the training component provided by the Master's Programme is obtained only after the successful completion of the required work and in case of a positive evaluation of this work. The assessment of the work carried out by the Master's student involves the following: 1. The midterm assessments of the student within 60 points, which in turn include the student's academic activity, independent work, and other components (colloquium, presentation, etc.). The components of the midterm assessments and their share in various subjects are different and correspond to the interest of efficient teaching of the subject. The evaluation parameters are varied, reflected in the syllabi (their variability is allowed). The ratio between the various components is determined by the syllabus of the particular training course.

The final exam formats are differentiated according to the training courses. The right to take a final examination is given to the Master's student, who accumulates, no less than 51 scores, taking into account the maximum scores of the midterm evaluations and the final examination. The final exam grade is positive if the Master's student receives 20 or more points (50% or more of the maximum evaluation of the exam). In the case of not appearing at the exam or getting negative assessment, despite the points accumulated in other components, the Master's student will not receive the credit.

The share of the exam in the final evaluation (sum of midterm and exam grades) does not exceed 40%.

The evaluation system includes:

a) Five types of positive evaluation:

a.a) (A) Excellent - 91-100 points of assessment; a.b) (B) Very good - 81-90 points of assessment; a.c) (C) Good - 71-80 points of evaluation; a.d) (D) Satisfactory - 61-70 points; a.e) (E) Sufficient - 51-60 points. b) Two types of negative evaluation:

b.a) (FX) Did not pass – 41-50 points of maximum evaluation, meaning that a student requires more work to pass and is given one chance to sit an additional examination after independent work;

b.b) (F) Failed - 40 points of maximum evaluation or less, that means that the work performed by a student is not sufficient and he/she has to retake the subject.

The research component of the Master's Program includes: Performing a Master's thesis, which should reflect the substantiated results of theoretical and/or empirical research; and

the defense of a Master's thesis, i.e., a public presentation of the thesis.

The Master's Program is considered to be completed by the student if he/she has accumulated credits provided by the educational program and successfully defended the Master's Thesis in accordance of the rule established within the University.

The Master's thesis is a kind of summary work, by which the student's reasoning, analysis and synthesis skills in the specialty are checked, as well as the ability to see and evaluate problems. It reveals the compliance of the student's level of knowledge and the level of creative, research skills with the requirements determined by the Master's Program.

Master's thesis should meet the requirements listed below (see Order №061/01 of the Rector of Saint King Tamar University of Patriarchate of Georgia on "Approving the rules for planning, implementation and evaluation of the scientific research component of the educational programs of Saint King Tamar University of Patriarchate of Georgia) was issued on December 5, 2018.

The student has a supervisor while working on the Master's thesis. The supervisor of the Master's thesis is selected by the student from the academic staff of the University. The Master's student is able to choose the topic and supervisor of the Master's thesis at the beginning of the 3rd academic semester, not later than one month after the beginning of the academic semester. The topic of the Master's thesis can be changed only once, not more than two months before the end of the



submission period, in agreement with the supervisor and by submitting a written application to the Dean of the main educational structural unit (faculties) of the University.

Master's thesis supervisor: In order to guide the student in the right direction of the Master's thesis, helps him/her to select a topic, compile a work plan and develop a bibliography; checks the progress of the student's work on the topic, expresses remarks and recommendations; in case of directing the research in the wrong direction, helps the student in its correction.

The supervisor of the Master's thesis has the right to make a reasoned refuse (in writing) to supervise the Master's thesis of the student, both before the start of the work and during the work on the topic, not later than one month after the beginning of the work.

#### Assessment of a Master's thesis

The evaluation of the draft Master's thesis/Master's thesis is carried out by the University Faculty Council. Master's project/Master's thesis shall be defended within the semester when the student finishes working on it or in the following semester. Master's project/Master's thesis shall be assessed once (by a final assessment). During the evaluation, relevant method/methods and criteria shall be used to evaluate the outcome.

#### Criteria and grades for MA thesis assessment:

No	Criterion	Point	Assessment of the Member of the Commission (in points)
1	The degree of argumentation of the scientific and/or methodological value of the research	0-15	
2	Correlation between the research goal,		

	objectives and research methodology	0-15	
3	Reliability and persuasiveness of the results	0-15	
4	Compliance of the research results with the set goal and objectives	0-15	
5	Degree in mastering field/thematic academic terminology by the Master's student	0- 10	
6	Visual component of the presentation (Adequacy and sufficiency of visuals)	0-10	
7	The degree of argumentation of own position by the Master's student in the discussion	0-20	
	<b>In total</b>	<b>100</b>	

In case of a positive evaluation of the draft Master's thesis/Master's thesis, the University Faculty Council makes a decision on awarding a Master's degree to the Master's student.

In case of evaluating the draft Master's thesis/Master's thesis with 41-50 grades (FX), the student has the right to defend the Master's thesis once again. The interval between the public defense and the additional defense of the Master's thesis should be not less than 10 days.

In case of evaluation of the master project / thesis with 0-40 points (F), the student is given the right to choose a new topic and to defend the master's thesis before the faculty council in the prescribed manner.

The award of a Master's degree is confirmed by a Master's Diploma.

## **Program title: 0919.1.1 / Public health and health policy, Bioethics**

**Qualification/academic degree to be awarded 0919.2.2 Master of public health and health policy**

**The head of the program: Professor of St. King Tamar University of the Georgian Patriarchate, Doctor of Medicine, Archimandrite Adam (Vakhtang Akhaladze).**

**Program volume in credits: 120(ECTS) CREDITS**

### **The program purpose**

The aim of the program is to prepare highly trained specialists in theoretical knowledge and practical skills for independent professional activities in accordance with modern European, world and domestic university standards, labor market requirements, both in general and national health policy, for which the program provides:

- A) Equipping graduates with in-depth, systemic knowledge of public health and health policy, bioethics.
- B) Readiness for continuing education at the next (doctoral) level and for continuous professional development
- C) Training of highly qualified public health specialists who are able to do the following: A) Disease management, analysis of the achievements of evidence-based medicine.. Adapting to modern health care standards in health care science.
- D) Development and analysis of individual and public health policies.Rational use of information systems. Familiarity with professional standards, evaluation.
- E) be aware of the ways and means of health assessment and segregation, the development of separate areas of public health and health policy; Issues of medical activity and healthcare as a whole, as well as social protection and social security.

**a) Knowledge:**

1. Which builds on and enhances prior learning education, and with a critical understanding of this knowledge, which incorporates some of the latest advances in public health, in the context of research, provides the basis or opportunities for original development and application of innovative ideas.
2. Knowledge of Organizational Behavior, Marketing, Public Health Perspectives, Medical Assistance Management, Financial work and Financial Analysis, Medical Assistance Policy, Public Health Economic Analysis, Health Policy Economics, Food Policy, Pharmaceutical Policy and Quality Management, Dental Assistance Health Policy, Health Care legislation, beneficiary cost analysis and efficiency analysis.
3. Knowledge of the health status and demographic characteristics of the population of Georgia, including morbidity, disease spread, mortality and life expectancy;  
Knowledge of organization and financing of health services in Georgia;  
Knowledge of epidemiology, medical statistics, evidence-based medicine, public health; Understanding the main problems of public health in Georgia; Understand the structure and role of public services in solving public health problems;
4. Knowledge of the role of political entities in the formulation and implementation of health policy, as well as the impact of laws and regulations on public health. Knowledge of health legislation, bioethics;  
Knowledge of the role of political entities in the formulation and implementation of health policy, as well as laws and regulations governing public health; Knowledge of insurance business.

**b) Ability:**

5. Ability to analyze the role of the state and the private sector in health policy and to demonstrate the importance of political processes in shaping this role; Ability to analyze and evaluate the policy development process;  
Ability to identify political barriers and opportunities and identify ways to achieve strategic goals;  
Ability to collect, analyze and synthesize information on health policy problems and issues;
6. Ability to develop alternative policy options and assess their economic, political, administrative, legal and social consequences; Ability to identify public health laws, regulations and policies related to specific programs and to assess their impact; Ability to establish monitoring and evaluation criteria for policies and programs.
7. Ability to develop, analyze and evaluate effective public health:  
Ability to analyze the health status and demographic characteristics of the population of Georgia, including health promotion and disease prevention, morbidity, disease spread, mortality and life expectancy; Ability to understand the structure and role of public services in solving public health problems;
8. Ability to analyze and evaluate the policy development process and understand its impact on health policy development and implementation;  
Ability to collect, analyze and synthesize information on health policy problems and issues; Ability to develop alternative policy options and assess their economic, political, administrative, legal and social consequences; Ability to identify and evaluate public health laws and regulations related to specific programs; Ability to establish monitoring and evaluation criteria for policies and programs.
9. Graduates of the program will have a thorough theoretical knowledge and practical skills, thus promoting the future, scientific and public career and intellectual growth of graduate students, so that they can apply the acquired knowledge and skills in the field of health management.

**c) Responsibility and Autonomy**

10. Has the ability to cope with difficulties in an unfamiliar or multidisciplinary environment, to find new, original ways to solve difficult problems

or/and carry out studies independently. It can also present its conclusions publicly, clearly substantiating them with relevant knowledge and logic in the circle of both specialists and non-specialists.

11. The graduate will be able to independently manage unpredictable and multidisciplinary learning and / or work environment. Contribute to the development of professional knowledge and practice. Possesses skills that enable the continuation of independent learning at a later stage of education. He/she will have the ability to conduct research independently using the latest methods and approaches.

12. Develop the skills to use relevant quantitative tools for evidence-based public health analysis and program evaluation:

Proper use of data and quantitative methods to identify and solve problems;

Assess data integrity and comparability and identify data source deficiencies.

### Evaluation system for student's knowledge

The aim of the evaluation of student's knowledge, achieved progress, is to qualitatively determine his/her learning outcomes with regard to educational goals and parameters. The procedure of assessing the achievement of the Master's student complies with the requirements of the relevant regulatory rules and the administrative-legal acts of Saint King Tamar University of Patriarchate of Georgia on the assessment of the student's achievements. The principles of transparency and fairness are enshrined. Calculation of the educational program credits and evaluation of the student's achievements are conducted in accordance with the Order N3 (issued on 05.01.2007) of the Minister of Education and Science of Georgia.

The Master's Programme includes learning as well as research components. The study component provides for the study of compulsory training courses, general or free components within the Master's Programme. The Master's student has the right to choose the desired disciplines from the elective part of the Master's program. The teaching and research work performed by the Master's student is measured by credit.

Credit in the training component provided by the Master's Programme is obtained only after the successful completion of the required work and in case of a positive evaluation of this work. The evaluation of the work carried out by the student of the Master's Programme involves the following: 1. Student's midterm assessments within 60 points, which in turn include the student's academic activity, independent work, and other components (colloquium, presentation, etc.). The components of midterm assessments and their share in various subjects are different and correspond to the interest of effective teaching of the subject. The evaluation parameters are varied, reflected in the syllabi (their variability is allowed). The ratio between the various components is determined by the syllabus of a particular training course.

The final exam formats are differentiated according to the training courses. The right to take a final examination is given to the Master's student, who accumulates, no less than 51 scores, taking into account the maximum scores of the midterm evaluations and the final examination. The final exam grade is positive if the Master's student receives 20 or more points (50% or more of the maximum evaluation of the exam). In case of not appearing at the exam or getting negative assessment, despite the points accumulated in other components, the Master's student will not receive the credit.

The share of the exam in the final evaluation (sum of midterm and exam grades) does not exceed 40%.

The evaluation system envisages:

a) Five types of positive evaluation:

a.a) (A) Excellent - 91-100 points of assessment; a.b) (B) Very good - 81-90 points of maximum assessment; a.c) (C) Good - 71-80 points of maximum evaluation; a.d) (D) Satisfactory - 61-70 points of maximum evaluation; a.e) (E) Sufficient - 51-60 points for maximum evaluation. b) Two types of negative evaluation:

b.a) (FX) Did not pass – 41-50 points of maximum evaluation, meaning that a student requires more work to pass and is given a chance to sit an additional examination after independent work;

b.b) (F) Failed - 40 points of maximum evaluation or less, that means that the work performed by a student is not sufficient and he/she has to learn the subject anew.

The research component of the Master's Program includes: Performing a Master's thesis, which should reflect the substantiated results of theoretical and/or empirical research; and the defense of a Master's thesis, i.e., a public presentation of the thesis.

The Master's Program is considered to be completed by the student if he/she has accumulated credits provided by the educational program and successfully defended the Master's Thesis in accordance of the rule established within the University.

The Master's thesis is a kind of summary work, by which the student's reasoning, analysis and synthesis skills in the specialty are checked, as well as the ability to see and evaluate problems. It reveals the compliance of the student's level of knowledge and the level of creative, research skills with the requirements determined by the Master's Programme.

Master's thesis should meet the requirements listed below (see: №061/01 Order of the Rector of Saint King Tamar University of Patriarchate of Georgia issued on December 5, 2018 on "Approving the rules for planning, implementation and evaluation of the scientific-research component of the educational programmes of Saint King Tamar University of Patriarchate of Georgia)

The student has a supervisor while working on the Master's thesis. The supervisor of the Master's thesis is selected by the student from the academic staff of the University. The Master's student is able to choose the topic and supervisor of the Master's thesis at the beginning of the 3rd academic semester, not later than one month after the beginning of the academic semester. The topic of the Master's thesis can be changed only once, not more than two months prior the end of the submission period, in agreement with the supervisor and by submitting a written application to the Dean of the main educational structural unit (faculties) of the University.

Master's thesis supervisor: In order to guide the student in the right direction of the Master's thesis, helps him/her to select a topic, compile a work plan and develop a bibliography; checks the progress of the student's work on the topic, expresses remarks and recommendations; in case of directing the research in the wrong direction, helps the student in its correction.

The supervisor of the Master's thesis has the right to make a reasoned refuse (in writing) to supervise the Master's thesis of the student, both before the start of the work and during the work on the topic, not later than one month after the beginning of the work.

#### Assessment of a Master's thesis

The evaluation of the draft Master's thesis/Master's thesis is carried out by the University Faculty Council. Draft Master's thesis/Master's thesis may be defended within the semester when the student finishes working on it or in the following semester. The mentioned components must be evaluated once (by a final evaluation). During the evaluation of the result, relevant method/methods and criteria shall be used.

#### Criteria and grades for MA thesis assessment:

No	Criterion	point	Assessment of the Member of the Commission
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			(in points)
1	The degree of argumentation of the scientific and/or methodological value of the research	0-15	
2	Correlation between the research goal, objectives and research methodology	0-15	
3	Reliability and credibility of the results	0-15	
4	Compliance of the research results with the set goal and objectives	0- 15	
5	Quality of mastering field/thematic academic terminology by the Master's student	0- 10	
6	Visual part of the presentation: (Adequacy and sufficiency of the visuals)	0-10	
7	The degree of argumentation of own position by the Master's student in the discussion	0-20	
	<b>In total</b>	<b>100</b>	

In case of a positive evaluation of the draft Master's thesis/Master's thesis, the University Faculty Council makes a decision on awarding a Master's degree to the Master's student.

In case of evaluating the draft Master's thesis/Master's thesis with 41-50 grades (FX), the student has the right to defend the Master's thesis once again. The interval between the public defense and the additional defense of the Master's thesis should be not less than 10 days.

In case of evaluation of the master project / thesis with 0-40 points (F), the student is given the right to choose a new topic and to defend the master's thesis before the faculty council in the prescribed manner.

The award of a Master's degree is confirmed by a Master's Diploma.

## Programme title: Turkish Studies 0388.1.3

**Qualification/academic degree to be awarded:** MA in Near and/or Middle Eastern Studies 0388.1.3

**The head of the program:** Zaza Tsurtsumia, Professor of Saint King Tamar University of Patriarchate of Georgia

**Programme volume in credits:** 120 Credits (ECTS), including:90 compulsory (including 25-credit Master's thesis), 30 elective and general or free components

The programme is divided into two components: Learning and research (Master's Thesis)

### Goal of the programme

Training of qualified researchers in Turkish Studies equipped with competitive, relevant knowledge and independent research skills to work on Turkish language, Turkish history, modern politics, economics, culture, social and healthcare, education and media.

The Master's Programme will preserve and strengthen the traditions of the Georgian School of Turkish Studies, will prepare a Master of Middle East Studies with in-depth knowledge of Turkish issues and the ability to research relevant disciplines of Turkish studies, the individual who will receive philological, historiographical and geographical competencies. The Master's Programme will also enable the student to gain a thorough knowledge of the factors of language, ethnicity and religion in the Middle East and the Caucasus region.

### Student's learning outcome

#### **a) Knowledge:**

During the Master's Programme, the Master's student will gain systematic knowledge with the competence of a Turkish scholar. Using the knowledge, qualifications and competence gained as a result of completing the study programme and defending the Master's thesis, the graduate will be able to discuss and resolve the scientific problems of Turkish studies and prepare academic publications, to study thoroughly the history of multilateral relations between Turkey and Georgia and stages of modern cooperation as well as understand their further development prospects. The Master will get a fundamental scientific and practical training, which will lead to his/her formation as a qualified Turkish specialist. He/she will have the opportunity to master the Turkish language thoroughly, to gain a deep and thorough knowledge of the political-economic arrangement, cultural and ethnic peculiarities of Turkey, including the Georgian, Abkhazian and North Caucasian populations of Turkey.

#### **b) Ability:**

Upon completion of the programme, the Master will have the theoretical knowledge and practical skills necessary for the specialist of the Turkish studies. This contributes to the Master's future, scientific and social career and intellectual growth, so that he/she can apply the knowledge and skills acquired in the field of Turkish studies in the scientific, public, diplomatic, socio-cultural, legal, health, business, media and other spheres related to the Republic of Turkey.

Assimilation of the factual material of Turkish studies will allow the student to analyze certain problematic issues and make reasoned conclusions. The Master will have sufficient knowledge and qualifications to



critically approach various scientific theories and views, individual opinions, to conduct academic synthesis and evaluation. He/she will have sufficient skills to make the right decision to solve a problem independently, even in case of having difficult and incomplete information.

**d) Responsibility and Autonomy:**

After completing the Master's Programme and defending the Master's thesis, the Master will have sufficient knowledge to effectively convey information on the problems of academic and scientific Turkish studies in Turkish language to colleagues and the general public (depending on the quality of their preparation). In the course of covering the Master's course in Turkish Studies, the Master will learn modern technological means that will facilitate the process of virtual communication. The Master will have sufficient qualifications to continue his/her scientific-research activities in the Doctoral programme, both in Georgia and in the higher education institutions of Turkey and other countries.

Evaluation system for a student's knowledge

Learning outcomes in relation to the goals and parameters of the educational programme.

The procedure of assessing the achievement of the Master's student complies with the requirements of the relevant regulatory rules and the administrative-legal acts of Saint King Tamar University of Patriarchate of Georgia on the assessment of the student's achievements. The principles of transparency and fairness are enshrined. Calculation of the educational programme credits and evaluation of the student's achievements are conducted in accordance with the Order N3 (issued on 05.01.2007) of the Minister of Education and Science of Georgia.

The Master's Programme includes learning as well as research components. The study component provides for the study of compulsory training courses, general or free components within the Master's Programme. The Master's student has the right to choose the desired disciplines from the elective part of the Master's programme. The teaching and research work performed by the Master's student is measured by credit.

Credit in the training component provided by the Master's Programme is obtained only after the successful completion of the required work and in case of a positive evaluation of this work. The evaluation of the work carried out by the student of the Master's Programme involves the following: 1. Student's midterm assessments within 60 points, which in turn include the student's academic activity, independent work, and other components (colloquium, presentation, etc.). The components of midterm assessments and their share in various subjects are different and correspond to the interest of effective teaching of the subject. The evaluation parameters are varied, reflected in the syllabi (their variability is allowed). The ratio between the various components is determined by the syllabus of a particular training course.

The final exam formats are differentiated according to the training courses. The right to take a final examination is given to the Master's student, who accumulates, no less than 51 scores, taking into account the maximum scores of the midterm evaluations and the final examination. The final exam grade is positive if the Master's student receives 20 or more points (50% or more of the maximum evaluation of the exam). In case of

not appearing at the exam or getting negative assessment, despite the points accumulated in other components, the Master's student will not receive the credit.

The share of the exam in the final evaluation (sum of midterm and exam grades) does not exceed 40%.

The evaluation system envisages:

a) Five types of positive evaluation:

a.a) (A) Excellent - 91-100 points of assessment; a.b) (B) Very good - 81-90 points of maximum assessment; a.c) (C) Good - 71-80 points of maximum evaluation; a.d) (D) Satisfactory - 61-70 points of maximum evaluation; a.e) (E) Sufficient - 51-60 points for maximum evaluation.

b) Two types of negative evaluation:

b.a) (FX) Did not pass – 41-50 points of maximum evaluation, meaning that a student requires more work to pass and is given one chance to sit an additional examination after independent work;

b.b) (F) Failed - 40 points of maximum evaluation or less, that means that the work performed by a student is not sufficient and he/she has to retake the subject.

The research component of the Master's Programme includes: Performing a Master's thesis, which should reflect the substantiated results of theoretical and/or empirical research; and the defense of a Master's thesis, i.e., a public presentation of the thesis.

The Master's Programme is considered to be completed by the student if he/she has accumulated credits provided by the educational programme and successfully defended the Master's Thesis in accordance of the rule established within the University.

The Master's thesis is a kind of summary work, by which the student's reasoning, analysis and synthesis skills in the specialty are checked, as well as the ability to see and evaluate problems. It reveals the compliance of the student's level of knowledge and the level of creative, research skills with the requirements determined by the Master's Programme.

Master's thesis should meet the requirements listed below (see: №061/01 Order of the Rector of Saint King Tamar University of Patriarchate of Georgia issued on December 5, 2018 on "Approving the rules for planning, implementation and evaluation of the scientific-research component of the educational programmes of Saint King Tamar University of Patriarchate of Georgia)

The student has a supervisor while working on the Master's thesis. The supervisor of the Master's thesis is selected by the student from the academic staff of the University. The Master's student is able to choose the topic and supervisor of the Master's thesis at the beginning of the 3rd academic semester, not later than one month after the beginning of the academic semester. The topic of the Master's thesis can be changed only once, not more than two months prior the end of the submission period, in agreement with the supervisor and by submitting a written application to the Dean of the main educational structural unit (faculties) of the University.

Master's thesis supervisor: In order to guide the student in the right direction of the Master's thesis, helps him/her to select a topic, compile a work plan and develop a bibliography; checks the progress of the student's work on the topic, expresses remarks and recommendations; in case of directing the research in the wrong direction, helps the student in its correction.

The supervisor of the Master's thesis has the right to make a reasoned refuse (in writing) to supervise the Master's thesis of the student, both before the start of the work and during the work on the topic, not later than one month after the beginning of the work.

#### Assessment of a Master's thesis

The evaluation of the draft Master's thesis/Master's thesis is carried out by the University Faculty Council. Draft Master's thesis/Master's thesis may be defended within the semester when the student finishes working on it or in the following semester. The mentioned components must be evaluated once (by a final evaluation). During the evaluation, relevant method/methods and criteria shall be used to evaluate the outcome.

#### Criteria and grades for MA thesis evaluation:

No	Criterion	points	Assessment of the Commission Member (in points)
1	The degree of argumentation of the scientific and/or methodological value of the research	0-15	
2	Correlation between the research goal, objectives and research methodology	0-15	
3	Reliability and persuasiveness of the results	0-15	
4	Compliance of the research results with the set goal and objectives	0-15	
5	Degree in mastering field/thematic academic terminology by the Master's student	0- 10	
6	Visual component of the presentation (Adequacy and sufficiency of visual aids)	0-10	

7	The degree of argumentation of own position by the Master's student in the discussion	0-20	
	<b>In total</b>	<b>100</b>	

In case of a positive evaluation of the draft Master's thesis/Master's thesis, the University Faculty Council makes a decision on awarding a Master's degree to the Master's student.

In case of evaluating the draft Master's thesis/Master's thesis with 41-50 grades (FX), the student has the right to defend the Master's thesis once again. The interval between the public defense and the additional defense of the Master's thesis should be not less than 10 days.

## Description of PhD degree programs of academic higher education

### Programme title: Art Studies (Art History)

#### Ph.D. Programme in Art History

**Qualification/academic degree to be awarded:** 0213.1.5 Doctor of Art History and Theory (PhD in Art History and theory)

**The programme director:** Nino Kavtaria, Doctor of Art Studies, Professor of St. King Tamar Educational University of Patriarchate of Georgia

**Programme Volume and duration:** It will be awarded in case of completion of at least 50 credits of the teaching component of the educational program and the research component. 3 years (in the case of established Doctoral Regulations, 5 years)

**Language of instruction:** Georgian language

## The Programme Purpose

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The present Doctoral Programme aims to prepare highly qualified art experts-researchers in the field of art history and theory relevant with the requirements of modern international standards, who can independently conduct scientific studies and teach in higher education institutions. The programme has a specific purpose: to conduct studies in the field of Georgian art of Medieval times, based on Georgian material, raise problems, unstudied issues, and review them in different contexts. The Programme aims to prepare an expert of art studies (art historian), who possesses the appropriate knowledge and research methods in the field of art history; has the ability to conduct research independently, deeply understand existing ideas and approach them critically, analyze new materials, make logical conclusions and create new knowledge in the field of art history, which will have not only local significance, but also contribute to the development of art sciences.

The Programme aims to pay particular attention to the study of the national medieval historical processes, its understanding in the international context and the creation of new knowledge in the field through the dissertation work. Taking into consideration the situation in the field, there is a particular deficit of young researchers in the field of medieval Georgian art - manuscript book painting, Georgian goldsmithing. However, the mentioned fields have left a large number of cultural heritage monuments, which are unexplored and waiting for their researchers. One of the tasks of the present programme is to encourage and support doctoral students in research in this field, which is guaranteed by the academic and invited staff involved in the programme. The history of Georgian art demonstrates the transition of firm artistic forms through centuries, which consolidates the Georgian art of all times and epochs and defines its place in the world culture. Development of the Doctoral Programme will promote the deep awareness, protection, and preservation of the national-cultural identity of Georgia and its full demonstration. Based on the above mentioned, the significance of preparation of the art scholars in the University framework is evident. The Doctoral Programme in the history of art, together with the general culture, has an essential significance in terms of national identity. In this context as well, purposeful studies of our cultural heritage respond to the challenges of modern times.

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### Learning Outcomes

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Completion of the full course of the Doctoral Programme and the thesis defense will have the following results:

- We will have the work, which will be a new research and will bring new knowledge into art studies;
- A doctoral student will obtain an academic degree - Doctor of Art Studies.

The Doctoral Programme graduate has the following field competencies:

- A doctoral programme graduate will have a thorough, profound and systematic knowledge based on recent achievements in the history of art, global vision of future research problems;
- He/she will have the ability to research and analyze historical processes in art;

- He/she will deeply understand the essence of the art, the importance of cultural heritage and will be able to find the appropriate ways and methods to transmit the knowledge.
- A doctoral programme graduate will be able to make sense of Georgian art in the context of world Art, to perceive the essence of cultural diversity and difference, to establish relationships between the arts of different peoples. He/she will be able to discuss them, in terms of common historical and cultural context, and if necessary, interdisciplinary analysis will be used.
- Theory of art and scientific research methods will enable a doctoral student to work at the level of international standards; the doctoral student chooses the methodology and provides dating of unstudied artwork as well as an assessment of the artistic and historic places.
- The Doctor of Art Studies will be able to apply the knowledge in practice, on one hand, to transmit the knowledge of art history and theory to students studying at various educational levels and on the other hand, to approach to the problem analytically in the process of scientific research, to plan and implement research project independently, as well as supervise the research process; Based on the mentioned factors, he/she will be able to create new knowledge, which will be reflected in his/her scientific publications.
- A doctoral programme graduate will be able to conduct a multilateral study of a monument of art or group of monuments of art; If necessary, he/she will be able to provide reasonable dating, considering a common historical context and giving a place in the history of art. A doctoral programme graduate can perform qualified expertise on visual art work or museum collection.
- He/she will have the ability to make a reasoned conclusion even if the data is complex, incomplete and contradictory. In this process a doctoral programme graduate will be able to use new approaches, additional resources (if necessary), and take the right and effective decision independently.
- With adequate knowledge and research skills of art history and its specific field, the graduate will be able to evaluate and criticize the existing information, as well as to follow the acquired knowledge and logically substantiate conclusions. All the above-mentioned will prepare a specialist, having the ability to conduct research independently and develop future projects.
- The Doctor of Art will be able to fully consider and understand the existing knowledge and basic ideas in the field of art history. By this we will maintain the continuity of knowledge in the field of art study; By doing so, a doctoral programme graduate will be a bearer and keeper of knowledge and experience in the field of art study.
- The Doctor of Art Studies will learn how his/her scientific research field is placed in the common intellectual space; will learn how to cooperate with the specialists of related fields in the process of interdisciplinary research.
- A doctoral programme graduate should be able to bring up the next generation; a doctoral programme graduate will have the ability to transform knowledge. He/she should be able to present the material in understandable form, transfer the knowledge, and teach. He/she should be able to reveal knowledge to all interested persons at any level (professional communities, wide society).

The Doctoral Programme graduate has the following general competencies:

#### **a) Knowledge**

The graduate of the Doctoral Programme has developed scientific-research skills, qualifications and competencies, which enable him/her to conduct scientific-research work independently, to lead lecture courses in the chosen specialty and with a wide range of aspects. The programme graduate has a broad and profound education, professional knowledge of the world and national arts; Has the ability to implement acquired knowledge in practice, to analyze critically, approach the problem, to process and analyze scientific information; Ability to distribute publications and apply the knowledge in practice.

- The Doctoral student has a high-qualified knowledge of the history of art, broad and profound knowledge of the principles and methodology of world art.

- The Doctoral student has a broad and profound knowledge on the specifics of the field; possesses knowledge of the peculiarities of its assessment criteria; understands his/her own responsibility to broaden the acquired knowledge based on the correctly chosen methodology.
- The Doctoral student understands the importance of expressing the peculiarities of the artistic creativity for a complex study of historical and modern work aspects, which is related to popularization and development of culture.
- The Doctor of Art Studies has profound knowledge of the theoretical and research methodologies in the field; Possesses basic and contemporary theoretical concepts; is able to operate with new scientific-terminology, which allows to reevaluate the part of existing knowledge with international standards and new perspectives; is able to develop a new research-analytical approach, which is oriented on new knowledge; Recognizes the place of research subject in the modern knowledge system and its relationship with other sciences of the humanities.
- The graduate has the ability to draft scientific texts, through formatting by modern scientific standards and academic argumentation; Possesses the ability to conduct teaching process using educational technologies, methodological fundamentals of teaching in higher education; Acknowledges his/her goals and outcomes.

#### **b) Skills:**

- The Doctoral student can conduct highly qualified researches based on the analysis of the main trends-directions of the world and the Georgian art, thus, creating new knowledge in the field;
- Can prepare scientific publications of the modern standard in the field of art history;
- Has the ability to supervise or participate in the planning of museum tourism; in the organization and implementation of presentations of media projects, exhibitions-expository, presentations of various character.
- A doctoral student will use the obtained knowledge along with the methodology of art studies in leading the academic process independently based on the relevant methodology.
- A doctoral student has the ability to develop solutions to complex problems, new research-analytic approaches, which are oriented on formation process of new knowledge; to create publications with high research value products and to successfully implement them in practical work while working at scientific institutions and universities.
- A doctoral student has the ability to implement scientific operations and build successful partnerships with scientific communities of adjacent fields.
- A graduate is able to prepare teaching-methodological materials for the field of art studies using his/her qualification; to evaluate scientific work and present the research results in front of various types of auditorium successfully.
- A doctoral student has the skills of implementing modern standards of teaching in practice; skills to implement cultural-educational and teaching-educational programmes/projects.
- The graduate is able to critically analyze, synthesize and evaluate new, complex and conflicting ideas and approaches in the field of art history; can select the appropriate method/methods of problem solving and also, if necessary, develop a new methodology independently; Make the right and effective decision to solve the problem independently;
- A graduate of the educational programme has the ability to make professional conclusions based on analysis and evaluation in the process of solving specific issues and problems of the field.
- A doctoral student is able to find ways of an efficient and objective approach to solving problems of the field; he/she has the ability to critically analyze, synthesize and evaluate contradictory historical or new ideas.
- He/she has the ability to work in the interdisciplinary groups;
- He/she has the ability to be involved in thematic debates with local and international scientific community in both native and foreign languages.
- He/she has the ability to conduct scientific work, to elaborate and manage projects.

- He/she has the ability to develop exhibition and educational projects in art studies, taking into consideration the interests of representatives of scientific and cultural fields.

### **Responsibility and Autonomy**

The possibilities for the use of new ideas, scientific achievements, in the process of study and research, which is based on the knowledge obtained under the programme. The knowledge based on the latest achievements in the field of Art History, the readiness to develop new ideas or processes in the learning and activities, including the research process.

A graduate is able to objectively assess his/her own and colleagues' attitudes towards professional and scientific values. He/she can make a significant contribution to establishing cultural heritage as a value in the society. He/she can research the ways of establishing cultural heritage as the value and develop innovative methods of establishment.

### Evaluation System for Students' Knowledge

The aim of the evaluation of student's knowledge, achieved progress, is to qualitatively determine his/her learning outcomes with regard to educational goals and parameters.

Within module/learning course, the structure of assessment is divided into two elements, such as midterm assessment and final assessment. Each has its percentage share in the assessment system.

The midterm element of the evaluation can be divided into components (activity, midterm exam, presentation of an abstract, practical work, review about the other person's work (including the other doctoral students work), etc.) which also have their percentage share within this element. Taking into account the relevant percentage share, each concrete assessment is based on the results of the sum of both elements.

The format of the midterm assessment, as well as the final exam (written, oral), development of research work, presentation of the research paper, assessment components and their specific share are determined by the leading staff of the academic course, through the learning course (syllabus).

According to the scale of the European Credit Transfer and Accumulation System (ECTS), a credit - a unit is used for evaluation of students' knowledge. It expresses the volume of work performed by the student to complete one subject, reflected in the time unit - in hours.

Credits can be obtained only after achievement of learning outcomes by the student as planned according to the learning course (syllabus), which is reflected by one of the positive assessments provided by the established assessment system.

It is unacceptable to evaluate the learning outcomes achieved by a student on a one-time basis - only by evaluating the final examination. The evaluation of the student's knowledge by a certain ratio considers midterm and final examination.

The maximum evaluation for the academic course equals to 100 points.

The final examination is evaluated by no more than 40 points. A student, who accumulates minimum 30 points in the midterm evaluations, is allowed to attend the final exam.

The student's knowledge is assessed according to the following system:

- a) Five types of positive evaluation:
  - a) (A) Excellent – 91% and over of maximum grade;
  - b) (B) Very good - 81-90% of maximum grade;
  - c) (C) Good - 71-80% of maximum grade;
  - d) (D) Satisfactory - 61-70% of maximum grade;
  - e) (E) Sufficient - 51-60% of maximum grade.



b) Two types of negative grades:

b.a) (FX) Did not pass - 41%-50% of the maximum grade, meaning that a student requires some more work before passing and with independent work is given the right to retake additional exam once again;

b.b) (F) Fail – 40 and less of maximum point, which means that the work carried out by the student is not enough and he/she has to retake the course.

The Doctoral Programme is considered to be completed by a student, if he/she has accumulated credits provided by the educational programme and successfully defended the dissertation work in accordance of the rule established within the University.

The dissertation work is evaluated by the following principle:

1. The evaluation of the dissertation by the members of the Dissertation Commission is performed in a confidential manner, using a 100-point system.

2. The Commission elected by the Dissertation Commission for the calculation of the ballots, with the purpose of the final evaluation of the dissertation, calculates the arithmetical mean of the points, which will be compared with the Latin evaluation according to the following scheme:

A) Excellent (*summa cum laude*) - excellent work - 91% and more of the maximum assessment;

B) Very good (*magna cum laude*) – result, which exceeds the defined requirements in all aspects - 81-90% and more of the maximum assessment;

C) Good (*cum laude*) – the result, which exceeds the defined requirements - 71-80% of the maximum assessment;

D) Medium (*bene*) - a result that meets all the defined requirements in all respects - 61-70% of the maximum assessment;

E) Satisfactory (*rite*) – the result, that despite its deficiencies, still meets the defined requirements - 51-60% of the maximum assessment;

F) Unsatisfactory (*insufficiens*) - a result that fails to meet the defined requirements due to major deficiencies - 41-50% of the maximum assessment;

G) Completely insufficient result (*sub omni canone*) that fails to completely meet the requirements set - 40% and less of the maximum assessment.

The component assessment criteria are thoroughly reflected in the course syllabi, the scientific component assessment criteria are outlined in the syllabi and in the provisions of the Doctoral Programme and the Dissertation Council. (Provisions of the Doctoral Programme and the Dissertation Council of St. King Tamar University of Patriarchate of Georgia, Articles 8, 9, 10, 15, 16, 17, 18, 19, 20).

During learning at the Doctoral Programme, a doctoral student is obliged to assist academic staff and participate in the education process of the University.

Assistance to a professor implies the following: conducting group work, laboratory work, internships for Bachelor's and Master's students; preparation of midterm and final exam questions, tests; correction of student theses, review of Bachelor's and Master's theses; supervision of Bachelor's theses; tutoring, assisting in scientific work, etc.

The evaluation of a Doctoral student with regard to assisting to the professor is performed on the basis of a report prepared about the implemented work.

When involving the Doctoral student in academic activities, credits are awarded based on calculation of auditorium hours with students.

In the process of assisting (5 credits), the Doctoral student assists to his/her own scientific supervisor and/or is involved in University's academic or research activities.

Preparing and conducting a demonstration lecture (5 credits) within the Doctoral Programme learning component serves to integrate learning and teaching processes, which aims at connecting academic education and theory with real practice; increasing involvement in the processes, which facilitates the Doctoral student's career through the development of practical skills.