



ივანე ჯავახიშვილის სახელობის თბილისის სახელმწიფო უნივერსიტეტი

მედიცინის ფაკულტეტი

შეთანხმებულია:

ფაკულტეტის ხარისხის უზრუნველყოფის სამსახურთან

პროფ. ნ. ჩიხლაძე -----

თსუ ხარისხის უზრუნველყოფის სამსახურთან

ი. გრძელიძე -----

ფაკულტეტის საბჭოსთან

ფაკულტეტის საბჭოს სხდომის ოქმი #13. 29.11.2019

პროფ. დ. კორძაია -----

„დამტკიცებულია“

თსუ აკადემიურ საბჭოს მიერ

აკადემიური საბჭოს დადგენილება #

One-cycle Educational program “Dentistry”



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| Program Title (in Georgian and in English) | Dentistry |
| Awarded qualification | Doctor of Dental Medicine (D.M.D) |
| Program Capacity (credit distribution): | 5 years (10 Semesters) Program Capacity - 300 credits, including 11 credits from elective courses |
| Language | English |
| Program Director/s and coordinator | Vladimer Margvelashvili - Doctor of Medicine, Full Professor, Department of Dentistry, Ivane Javakhishvili Tbilisi State University |
| Admission Criteria | <p>An individual with full general education or equivalent, who has a corresponding state-approved document (certificate) and has earned the right to study on the program based on the results of the Unified National Exams is enrolled at the one-step program "medicine". The list of the subjects to be passed is regulated by the order №178/n of the Minister of Education, Science, Culture and Sport of Georgia, dated by August 27, 2019. The competence limit is established by the faculty. Admission to the program without passing the Unified National Exams is allowed by the order N. 224/n of the Minister of Education, Science, Culture and Sport of Georgia:</p> <p>a) Foreign nationals and stateless persons who have received full general education or equivalent in a foreign country;</p> <p>b) Citizens of Georgia who have received full general education or equivalent in a foreign country and have spent the last 2 years of full general education in a foreign country;</p> <p>c) For foreign nationals (except students of the Joint Higher Education Program and exchange students) who are/were studying and have received credits/qualifications at a higher education institution recognized in accordance with the legislation of that country;</p> <p>d) Citizens of Georgia (except students participating in the Joint Higher Education Program and exchange students) who have been/had been living and studying and have obtained credits/qualifications at a higher education institution in the foreign country, recognized in accordance with the legislation of that country.</p> <p>In order to be able to study at the educational program for Medical Doctors in English language, a person, who has not passed the Unified National Exams has to prove proficiency in English at least B2 level and undergo a general interview in accordance to the order N90/n of the Minister of Education, Science, Culture and Sport of Georgia, dated by 2018.</p> |
| Aim of Educational Program | <p>The aim of one step educational program of Doctor of Dental Medicine is as follows:</p> <ul style="list-style-type: none"> • Providing the students with the knowledge, relevant to the international dental educational standards and developing |



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| | <p>appropriate skills;</p> <ul style="list-style-type: none"> • Preparing highly qualified specialists, whose professional activities will enhance the quality of dental services, prevention of dental diseases, improve the general health of the mouth and body; • Enabling the graduate to plan and implement complex dental treatment and further monitoring of the patients. • Developing graduates' ability of making logical analysis of the observed, heard and manifested symptoms, in order to link them further into the single pathogenetic process. |
| Learning Outcomes | |
| <p>Knowledge and Understanding</p> | <p>The students will be able to:</p> <ol style="list-style-type: none"> 1. Describe/identify chemical, biochemical, molecular, microbiological and histological processes in normal and pathological conditions in the human body, particularly of the mouth(head and neck region). 2. Classify, describe, differentiate and identify those somatic diseases, which are closely related to oral cavity diseases (stomatopathy); 3. Describe and review general research methods, including biostatistic and epidemiological; 4. Discuss, review and generalize health care and ethical aspects, list and formulate legal issues of patient's rights and medical practice; 5. Identify/diagnose and classify of oral cavity diseases and conditions; Describe and review methods of prevention, making diagnosis and treatment, determine the possibilities of preserving the results of treatment. 6. describe the main groups of therapeutic and preventive drugs, describe and discuss the mechanisms of actions and interactions; describe dental materials and the area of usage, 7. Describe the methods safety management of doctor and patient; 8. Obtain, sort and interpret the latest thematic literature, evidence based medicine (dentistry) data independently; 9. Describe the methods of managing urgent medical conditions |
| <p>Skills</p> | <p>The student will gain following skills:</p> <ol style="list-style-type: none"> 1. Selection, planning, analyzing and practicing methods of prevention, making diagnosis and treatment of oral diseases. Planning and organizing ensuring oral health; 2. Effective management of the team work; 3. Selecting, analyzing the methods of planning, implementation and evaluation of basic and alternative public health measures for ensuring oral health; 4. Planning, integrating and utilizing data synthesis, diagnostics and treatment methods in cases of complicated clinical situations and special need conditions based on the latest data; |



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| | <p>5. Presenting, defending and agreeing ideas and concepts, proposals, solutions, conclusions and recommendations in oral, in written or online in academic, professional circles, and with a patient or people accompanying the patient in native and English languages.</p> <p>6. Reviewing, evaluating, planning scientific literature and research projects</p> |
| Responsibility and Autonomy | <p>Students will be able to:</p> <ol style="list-style-type: none"> 1. Protect own ethical and legal norms in interpersonal relationships based on social, religious equality and democratic values; 2. The protection of patient's rights and requirements of the professional ethics; |
| Teaching Methods | <p>Explanation method Demonstration method Case Study Problem based learning (PBL) Lecture Brain Storming Analysis (Differentiation: Norm, Pathology) Team working Oral interview Discussion method Literature processing method Tests Closed-ended question Open Question / Theoretical Issue / Topic Abstract Presentation (increasing complexity, even in a small scale, research) Work on dental phantoms Role-playing games Clinical Practice (under the supervision of a lecturer)</p> |
| Assessment System | <p>(A) Excellent – 91-100 points from total score; (B) Very good– 81-90 points from total score; (C) Good – 71-80 points from total score; (D) Satisfactory - 61-70 points from total score; (E) Sufficient – 51-60 points from total score; Two types of negative assessment: (FX) Insufficient– 41-50 points from total score, meaning that student failed, needs to work more for passing the exam and has been granted the right to retake the exam once; (F) Failed –40 and less points from total score meaning that the work performed by the students is not enough and he/she has to take the course again. In case of receiving FX points in the educational component of the program, the higher education institution has to appoint an additional exam not less than 5 days from the announcement of the results of final.</p> |
| Employment Fields | <p>One-year medical education program graduate – Doctor of</p> |



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| | <p>Dental Medicine does not have the right of independent medical practice independently upon the legislation in force –is to be deleted.</p> <p>Employment fields include practice – Junior Doctor (junior doctor – a position that may be occupied by a graduate with a diploma of a state-accredited higher medical institution. A person appointed to his position shall perform the duties of a doctor according to the instructions and under the responsibility of an independent medical practitioner (Law of Georgia on Medical Practice, Article 5));</p> <ul style="list-style-type: none"> • Practice – Junior Doctor • Pedagogical and scientific work • Working in theoretical medicine • Prerequisite for applying for the doctorate • Prerequisite for applying for the residence |
| Tuition Fees for Georgian and Foreign Students | 7000 \$ |
| Human and Material Resources Needed to Program Implement | The academic and invited personnel involved in the implementation of the program (If required, appropriate material resources, such as laboratories, computer classes, etc.) shall be specified. |
| Additional Information (If Necessary) | |



Curriculum¹

Faculty: Medicine

Institute/Department/ Chair/Direction: Dentistry

Title of the Educational Program: dentistry/ Dentistry

Educational Level: One step educational program

Program Capacity (Number of Credits): 300

Director/s and Coordinator of the Educational Program: Professor Vladimer margvelashvili

Date of Approval of the Educational Program by Academic Council, Resolution Number:

Effective Date of the Educational Program (Academic Year):

Structure of the Program

| Type of educational courses/modules: Facultative / Obligatory/ Selective | | | | | | | | | | | | | | | | | | | | | | |
|--|------|--|------|-----------------------|---------|-----------------------------------|--|--|------|---|-----|-----|-----|---|-----|-------|-------|-----|------------|---|--|--|
| N | Code | Title of the Course | ECTS | Student load per hour | | | | Prerequisite for admission to the course | Term | | | | | | | | | | Lecturer/s | | | |
| | | | | Lecture | Seminar | Practicum / Laboratory activities | | | | I | I I | III | I V | V | V I | V I I | VI II | I X | | X | | |
| 1 | | General Basis of Build-up and Functioning of an Organism I | 9 | 30 | 68 | 10 | | | | X | | | | | | | | | | | | Kordzaia Dimitri, Doreuli Nanuli, Bakuradze Ekaterine, I nauri nino, Modebadze irina, Alania magda, Chk hartishvili Butsiko. |
| 2 | | Medical physics and | 3 | 12 | 18 | 6 | | | | X | | | | | | | | | | | | Mdzinarash |

¹ Curriculum may be submitted in accordance to I, II or III options of the program structure, considering the peculiarities of the educational program and/or the level of education



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| | biophysics | | | | | | | | | | | | | | | | | | vili Tamaz, Mdzinarash vili Mariam |
| 3 | Information Technologies | 2 | | 24 | | | | - | X | | | | | | | | | | Maia Archuadze, Manana Khachidze, Magda Tsintsadze , Georgi Sturua |
| 4 | Georgian Language I | 5 | | | 60 | | | - | X | | | | | | | | | | Mariam Manjgaladze, Merab Babukhadia |
| 5 | General Biochemistry | 5 | 20 | 40 | | | | - | X | | | | | | | | | | Elene Davitashvili |
| 6 | Basics of genetics | 2 | 10 | 14 | | | | - | X | | | | | | | | | | Teimuraz Lezhava, Gaiozishvili Maia |
| 7 | Research skills I | 2 | 4 | | 20 | | | - | X | | | | | | | | | | Sharashidze Nino, Agladze Nino, Botchorishvili Inga |
| 8 | Clinical skills and communication | 2 | 6 | | 24 | | | - | x | | | | | | | | | | Sharashidze Nino, Botchorishvili Inga |
| 9 | General Basis of Build-up and Functioning of an Organism II | 15 | 46 | 28 | 44 | | | | General Basis of Build-up and Functioning of an Organism I | x | | | | | | | | | Kordzaia Dimitri, Doreuli Nanuli, Bakuradze Ekaterine,I nauri nino,Modebadze irina,Alania magda,Chk hartishvili Butsiko, Cherkezia Elene,Chachua Matrona,Burjanadze George,Dachanidze Natalia |



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| 10 | Microbiology, Virology | 4 | 24 | 20 | 4 | - | X | | | | | | | | | | | Nino Porakishvili, Tamar Tsertsvadze |
| 11 | Basics of immunology | 2 | 12 | 12 | | - | X | | | | | | | | | | | Nino Porakishvili, Nunu Mitskevich, Tamar Tsertsvadze |
| 12 | Introduction to Dentistry | 2 | 12 | 12 | | - | x | | | | | | | | | | | Margvelashvili Vladimir, Margvelashvili Ana |
| 13 | Georgian Language II | 5 | | | 60 | Georgian Language I | X | | | | | | | | | | | Mariam Manjgaladze, Merab Babukhadia. |
| 14 | Molecular biology | 2 | 10 | 14 | | - | x | | | | | | | | | | | Maia Zibzivadze, Liana Ramishvili. |
| 15 | Health promotion | 2 | 3 | 21 | | - | x | | | | | | | | | | | Chikhladze Nino, Pitskhelauri Nato, Jorbenadze Maka |
| 16 | Pathology | 10 | 40 | | 80 | General Basis of Build-up and Functioning of an Organism II | x | | | | | | | | | | | Khvichia Nino, Jikia Irma, |
| 17 | Therapeutic dentistry I | 4 | 12 | | 28 | General Basis of Build-up and Function | x | | | | | | | | | | | Kiguradze - Gogilashvili Ketevan, Manjavidz |



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| | | | | | | | | | ing of an Organism II | | | | | | | | | | e Natalia |
| 18 | | Surgical dentistry I | 4 | 10 | 30 | | | | General Basis of Build-up and Functioning of an Organism II | | | x | | | | | | | Nemsadze Tamar Zurmukhtashvili Mariam, Makhviladze Galaktion, Machavariani Avto |
| 19 | | Prosthetic dentistry I | 4 | 10 | 30 | | | | General Basis of Build-up and Functioning of an Organism II | | | x | | | | | | | Margvelashvili Vladimer, Puturidze Sopio |
| 20 | | Prevention of dental diseases I | 3 | 6 | 24 | | | | General Basis of Build-up and Functioning of an Organism II | | | x | | | | | | | Ivanishvili Rusudan, Sharasheni dze Nino, Sharasheni dze Megi |
| 21 | | Dental material science | 3 | 12 | 24 | | | | - | | | | x | | | | | | Margvelashvili Vladimer. |
| 22 | | Clinical skills and first aid | 3 | 10 | 35 | | | | Clinical skills and communication | | | | x | | | | | | Sharashidze Nino, |
| 23 | | Medical ethics | 2 | 3 | 21 | | | | - | | | | x | | | | | | Chikhladze Nino, Jorbenadze Maka, Pitskhelauri Nato |



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| | | | | | | | | | and Functioning of an Organism II | | | | | | | | | Merab Beraia |
| 32 | Medical psychology and psychiatry | 3 | 9 | 21 | | | | | General Basis of Build-up and Functioning of an Organism II | | | | x | | | | | Okribelashvili Nino, Zurabashvili Daviti |
| 33 | Pharmacology | 4 | 18 | 30 | | | | | General Basis of Build-up and Functioning of an Organism II | | | | x | | | | | Tamar Kezeli, Medea Kopaliani, Mariam Chipashvili |
| 34 | Therapeutic dentistry III | 4 | 10 | 30 | | | | | Therapeutic dentistry II | | | | x | | | | | Kiguradze - Gogilashvili Ketevan, Manjavidze Natalia |
| 35 | Surgical dentistry III | 4 | 8 | 32 | | | | | Surgical dentistry II | | | | x | | | | | Nemsadze Tamar Zurmukhtashvili Mariam, Makhviladze Galaktion |
| 36 | Prosthetic dentistry III | 4 | 10 | 30 | | | | | Prosthetic dentistry II | | | | x | | | | | Margvelashvili Vladimer, Puturidze Sopio |
| 37 | Therapeutic dentistry of children and adolescents I | 4 | 8 | 32 | | | | | | | | | x | | | | | Rusudan Ivanishvili, Nino Sharashenidze, Megi Sharashenidze, |



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| | | | | | | | | | | | | | | | | | | Japaridze Nino |
| 38 | Epidemiology and biostatistics | 3 | 12 | 24 | | | | Microbiology, virology | | | | | | | | | | Paata Imnadze, Ekaterine Ruadze, Sophio Datukishvili |
| 39 | Internal diseases II | 4 | 13 | | 27 | | | Internal diseases I | | | | | | | | | | Bitskinashvili Maia, Goderdzishvili Liza, Kapandze Ketevan, |
| 40 | Therapeutic dentistry IV | 4 | 12 | | 28 | | | Therapeutic dentistry III | | | | | | | | | | Kiguradze - Gogilashvili Ketevan, Manjavidze Natalia |
| 41 | Surgical dentistry IV | 4 | 8 | | 32 | | | Surgical dentistry III | | | | | | | | | | Nemsadze Tamar Zurmukhtashvili Mariam, Makhviladze Galaktion |
| 42 | Prosthetic dentistry IV | 4 | 12 | | 28 | | | Prosthetic dentistry III | | | | | | | | | | Margvelashvili Vladimer, Puturidze Sopio |
| 43 | Therapeutic dentistry of children and adolescents II | 4 | 6 | | 34 | | | Therapeutic dentistry of children and adolescents I | | | | | | | | | | Rusudan Ivanishvili, Nino Sharashenidze, Megi Sharashenidze |
| 44 | Radiology in dentistry | 2 | 8 | | 12 | | | General radiology | | | | | | | | | | Alkhanishvili Zurab |
| 45 | Public Healthcare | 3 | 14 | 16 | | | | - | | | | | | | | | | Nata Kazakhashvili. Lasha |



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| | | | | | | | | | | | | | | | | | | | Loria |
| 46 | Pediatrics | 2 | 8 | | 12 | | | Internal diseases II, Pharmacology | | | | | | | | | | | Karseladze Rusudan, Barabadze Keteven |
| 47 | Neurology | 2 | 4 | 1 | 15 | | | General Basis of Build-up and Functioning of an Organism II | | | | | | | | | | | Darejan Gugutsidze, David Gigineishvili |
| 48 | Ophthalmology | 2 | 5 | | 15 | | | General Basis of Build-up and Functioning of an Organism II, pharmacology | | | | | | | | | | | Mikheil Omiadze, Nikoloz Antelava |
| 49 | Otorhinolaryngology | 2 | 5 | | 15 | | | General Basis of Build-up and Functioning of an Organism II | | | | | | | | | | | Merab Khvadagian, Nana Saralidze |
| 50 | Oncology | 2 | 7 | 13 | | | | Radiology in dentistry, pharmacology | | | | | | | | | | | Tamari Rukhadze, Irine Gagua |
| 51 | Therapeutic dentistry V | 4 | 12 | | 28 | | | Therapeutic dentistry IV | | | | | | | | | | | Kiguradze - Gogilashvili Ketevan, Manjavidze Natalia |



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| 52 | Prosthetic dentistry V | 4 | 12 | 28 | | Prosthetic dentistry IV | | | | | | | | X | Margvelashvili Vladimir, Puturidze Sopio |
| 53 | Therapeutic dentistry of children and adolescents dentistry III | 4 | 6 | 34 | | Therapeutic dentistry of children and adolescents II | | | | | | | | X | Ivanishvili Rusudan, Nino Sharashenidze, Megi Sharashenidze |
| 54 | Orthodontics I | 4 | 4 | 36 | | Therapeutic dentistry of children and adolescents II | | | | | | | | X | Darjanian Otari, Golovachova Elena |
| 55 | Surgical dentistry V | 4 | 10 | 30 | | Surgical dentistry IV | | | | | | | | x | Nemsadze Tamar Zurmukhtashvili Mariam, Makhviladze Galaktion |
| 56 | Geriatric dentistry | 3 | 10 | 20 | | - | | | | | | | | X | Margvelashvili Vladimir, Puturidze Sopio |
| 57 | Special needs dentistry | 3 | 10 | 20 | | Therapeutic dentistry II | | | | | | | | X | Kiguradze-Gogilashvili Ketevan, Alkhanishvili Zurab |
| 58 | Infectious diseases | 2 | 6 | 14 | | Internal diseases I, Microbiology, virology; pharmacology | | | | | | | | X | Tengiz Tsertsvadze Lali Sharvadze, Akaki Abutidze, Bolokadze Natalia |
| 59 | Therapeutic dentistry | 4 | 12 | 28 | | Therape | | | | | | | | X | Kiguradze- |



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| | VI | | | | | | | utic dentistry V | | | | | | | | | | | Gogilashvili Ketevan, Manjavidze Natalia |
| 60 | Surgical dentistry VI | 3 | 7 | | 23 | | | Surgical dentistry V | | | | | | | | | | X | Nemsadze Tamar Zurmukht ashvili Mariam,M akhviladze Galaktion |
| 61 | Prosthetic dentistry VI | 4 | 12 | | 28 | | | Prosthети c dentistry V | | | | | | | | | | X | Margvelas hvili Vladimer, Puturidze Sopio |
| 62 | Therapeutic dentistry of children and adolescents IV | 3 | 4 | | 26 | | | Therape utic dentistr y of children and adolesce nts III | | | | | | | | | | X | Ivanishvili Rusudan, Nino Sharasheni dze, Megi Sharasheni dze |
| 63 | Orthodontics II | 4 | 4 | | 36 | | | Orthodo ntics I | | | | | | | | | | X | Darjania Otar,Golo vachova Elene |
| 64 | Pediatric dental surgery I | 2 | 6 | | 14 | | | Therape utic dentistr y of children and adolesce nts III | | | | | | | | | | X | Ivanishvili Rusudan, Nemsadze Tamar |
| 65 | Research skills III | 2 | 3 | | 27 | | | Researc h Skills II | | | | | | | | | | X | Sharashidz e Nino, Botchorishv ili Inga |
| 66 | Surgery | 4 | 10 | | 30 | | | General Basis of Build-up and Function ing of an Organis | | | | | | | | | | X | Gia Lobjanidze Vakhtang Goderdzisvi li |



პროგრამის ხელმძღვანელის / ხელმძღვანელების / კოორდინატორის ხელმოწერა _____

ფაკულტეტის ხარისხის უზრუნველყოფის სამსახურის უფროსის ხელმოწერა _____

ფაკულტეტის სასწავლო პროცესის მართვის სამსახურის უფროსის ხელმოწერა _____

ფაკულტეტის დეკანის ხელმოწერა _____

უნივერსიტეტის ხარისხის უზრუნველყოფის სამსახურის უფროსის ხელმოწერა _____

თარიღი _____
ბეჭედი

ფაკულტეტის