

● LEVEL OF EDUCATION	ONE-CYCLE HIGHER EDUCATIONAL PROGRAM MEDICINE
● NAME OF THE PROGRAM	MEDICINE
● AWARDED QUALIFICATION ACADEMIC DEGREE	MEDICAL DOCTOR
● LANGUAGE OF INSTRUCTION	ENGLISH
● DURATION OF STUDIES	SIX YEARS (12 SEMESTERS)
● VOLUME OF THE PROGRAM IN ECTS	360 ECTS
● PROGRAM MANAGER	PROFESSOR LEILA AKHVLEDIANI
● ADDRESS WHERE THE PROGRAM IS REALIZED THE NAME OF THE UNIVERSITY	237 FRIDON KHALVASHI STREET, BATUMI, GEORGIA, 6400 BAU INTERNATIONAL UNIVERSITY, BATUMI LLC, BLOCK 1,2
● CONTACT DETAILS	<p>EMAIL ADDRESS: <a href="mailto:INFO@BAUINTERNATIONAL.EDU.GE">INFO@BAUINTERNATIONAL.EDU.GE</a>  TEACHING UNIVERSITY BAU INTERNATIONAL UNIVERSITY, BATUMI LLC</p> <p>THE INFORMATION ABOUT THE PROGRAM REALIZATION CAN BE PROVIDED BY: LEILA AKHVLEDIANI, THE DEAN OF THE FACULTY OF MEDICINE  TELEPHONE NUMBER: +995 593 537 072 / EMAIL ADDRESS: <a href="mailto:LEILA.AKHVLEDIANI@BAUINTERNATIONAL.EDU.GE">LEILA.AKHVLEDIANI@BAUINTERNATIONAL.EDU.GE</a></p> <p>THE INFORMATION ABOUT ALL ORGANIZATIONAL ISSUES CAN BE PROVIDED BY: RIMA KIRIAKIDI  EMAIL ADDRESS: <a href="mailto:RIMA.KIRIAKIDI@BAUINTERNATIONAL.EDU.GE">RIMA.KIRIAKIDI@BAUINTERNATIONAL.EDU.GE</a> / TELEPHONE NUMBER: +995 592104452</p>



## ● ADMISSION PREREQUISITES

## ● OBJECTIVE OF THE PROGRAM

## ● THE CONTENT OF THE PROGRAM

## ● TEACHING METHODS

## ● METHODS OF LEARNING/TEACHING

## ● MATERIAL AND HUMAN RESOURCES

## ● SECTOR RELATED AND GENERAL LEARNING OUTCOMES

### AN APPLICANT CAN BE ENROLLED IN EDUCATIONAL PROGRAM OF MEDICINE:

- A citizen of Georgia who has passed the unified national exams in accordance with the rule set by the Ministry of Education, Science, Culture and Sports of Georgia;
- A citizen of Georgia (except for the students involved in joint higher educational programs and exchange program students) who lives/lived, studies/studied for the period defined by the Ministry of Education, Science, Culture and Sports of Georgia and has received credits/qualification from foreign higher educational establishment recognized in accordance with the law of this country.
- A citizen of a foreign country or a stateless person who has completed full general education or its equivalent abroad, a citizen of Georgia who has received full general education or its equivalent abroad completing the last two years of full general education abroad, without unified national exams after the National Centre for Educational Quality Enhancement LEPL recognizes the document proving foreign education and the Ministry of Education and Sciences of Georgia grants the right for studying in congruence with the rule set by the law.
- A citizen of foreign country (except for the students involved in joint higher educational programs and exchange program students) who studies/studied and has received credits/qualification from foreign higher educational establishment recognized in accordance with the law of this country.
- A citizen of Georgia who wishes to enrol in the educational program is required to score high in English language in a unified national exam the threshold of which is determined before each exam. A citizen of a foreign country has to present an international English language certificate of B2 level or take an exam administered by the university. In addition, it is required to have a general interview (in accordance with the order 90/N of the Ministry of Education, Science, Culture and Sports of Georgia dated with 2018). Those who have finished high school/university in English language in countries where English as an official language are exempted from the English language exam.  
  
If an applicant (a citizen of foreign country) does not meet the requirement of the English language, the university offers a 6-month or a-year English language preparatory school. After completion of the mentioned course and successfully passing an exam an applicant will be able to acquire a status of a student at BAU International University, Batumi.
- High academic performance (no less than B) in profile subjects (biology, chemistry, physics) and a document proving social and/or scientific activities (volunteering experience at an orphanage or a shelter for elderly people, participation in conferences, scientific projects) will be considered an advantage for citizens of foreign countries when enrolling in the program. An online interview will be organized for selecting motivated applicants.



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- The objective of the program is to educate highly qualified doctors corresponding to national and international standards equipped with comprehensive theoretical and evidence based scientific knowledge, clinical skills, innovation and technology driven vision and liberal values. In addition, the program aims at assisting students to develop ethical values and skills for lifelong improvement of research and knowledge which is essential for development of a doctor. The program will facilitate a graduate's integration in the world education and healthcare sphere.

One-cycle higher educational program medicine is oriented on educating highly qualified personnel who are equipped with scientific, innovation and technology driven knowledge and liberal values ensuring the mission of the university is achieved.



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- The program is based on integrated curriculum (horizontal and spiral) and includes trans-disciplinary modules (which are conducted in blocks with four blocks in each semester) and continually delivered individual learning courses (conducted over the entire semester). The majority of clinical learning courses are based on rotation with duration from one to 6 weeks maximum. The hours for studying in clinical environment are integrated in each module and development of clinical competences and practical skills are prioritized from the beginning.

Clinical competences and practical skills are continually developed from the beginning till the end of the program through integration in different learning courses and are delivered alongside with life sciences. Being incorporated from the early stages of the program realization, clinical components of interdisciplinary blocks are synchronized with theoretical topics which means that students have clinical visits from the very first semester.

From the very first year the development of skills necessary for undertaking scientific research is encouraged. Students learn the principles of evidence based medicine and critical evaluation of information. In addition, they learn how to plan, administer, write and present research. More than 22 ECTS are allocated to development of scientific skills. The program also encourages personal and professional development through collecting students' activities and achievements during studies and incorporating them into a portfolio.

From the third semester the program offers sector related (25 ECTS) and nonrelated elective courses (8 ECTS for citizens of foreign countries and 19 ECTS for citizens of Georgia).

Furthermore, in semester V-XII the program offers 8 extra curriculum elective courses for preparing for United States Medical Licensing Examination (USMLE).

Students' daily workload reaches 6-8 contact hours. Classes start at 9 am, one academic hour equals to 40 minutes, big breaks last from 13:00 to 14:00, between the classes there are short 10-minute breaks.



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- The main components of the educational process are: interactive lectures, seminars, learning in a simulated environment, learning in a clinical environment, practical and laboratory classes. The methods of explanation, discussion/debates, illustration, induction/deduction, problem based learning, synthesis and analysis are used in the educational process. On an initial stage of the education, clinical skills are developed through simulators, moulages and patient-doctor role plays. Later, the skills are further improved in clinical environment through bedside teaching and immediate involvement of a patient in examining and treating a patient.



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- Methods: an integrated oral exam, multiple choice questions (MCQs), an objective structured practical examination (OSPE), an objective structured clinical examination (OSCE), a mini clinical evaluation exercise (Mini-CEX), directly observed procedural skills (DOPS), a portfolio, a project and so on.

A student's knowledge is evaluated through 100 point based system out of which 60 points are allocated to current assessment, a midterm exam or a block exam, while 40 points are earned through a final exam.

A student earns a credit if he/she scores 51 out of 100 passing a threshold set for a learning course. There are positive and negative assessments: A, B, C, D, E, F, FX.

## METHODS OF LEARNING / TEACHING



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- Functioning in a modern new building, BAU International University, Batumi features well-equipped lecture theaters, computer classes, laboratories and a library. Clinical-practical and scientific-research skills are developed through modern facilities and amenities and cooperation possibilities with partner organizations.

Lectures and group works in basic disciplines are conducted in properly equipped lecture theaters and laboratories (physiology, anatomy, biochemistry, molecular biology, immunology and microbiology). Biochemical and microbiological laboratories feature microscopes of Leica brand (for individual use), biosafety cabinets of BSC B2 level and other tools and devices. All biosafety rules are fully observed. The laboratory of molecular biology features PCR (polymeric chain reaction) device and all necessary instruments. Smaller PBL rooms are used during problem based learning (PBL) featuring round discussion tables, whiteboards and multimedia technologies.

Learning in a simulated environment is carried out at a center of clinical skills of the university which is equipped with a wide range of multifunctional educational models and moulages and at an anatomical theater (laboratory) for cadavers. The anatomical theater gives an opportunity to conduct anatomical and pathological dissections of the cadaver (the university purchases one whole cadaver and separate organs at the beginning of each academic year). The anatomy lecture theater features modern models that are necessary for studying macro morphology.

The building features computers with internet connection. In addition, students can use fast Wi-Fi internet. Furthermore, the university has rich library resources which is renewed at the beginning of each academic year. Students will also have an access to an electronic library of medical faculty of Istanbul Bahcesehir university. Clinical rotations and clinical practice will take part in affiliated clinics of the university.

The academic personnel of the university together with invited lecturers from Georgia, medical faculty of Istanbul Bahcesehir university and a network of university hospitals Medical Park affiliated with Bahcesehir university lead the educational process at the university.

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#### UPON COMPLETION OF THE PROGRAM A STUDENT:

- Defines (describes) a normal structure and a function of a human body from molecular to system level, the reasons and mechanisms of diseases and changes in a structure and a function of a human body based on fact based updated knowledge.
- Assesses a clinical case, prescribes examinations, knows about widely prevalent diseases and can interpret clinical, laboratory and radiological data of these diseases, can conduct differential diagnosis. Can enlist highly effective treatment options based on scientific data, can make selection among them and prescribe medicines.
- Has necessary knowledge for diagnosing and treating life threatening diseases, can provide the first aid and take resuscitation measures.
- Knows and employs legislative tools and ethical principles relevant for medical sphere; Based on this knowledge makes proper decisions in case of ethical conflicts. Adheres to the universal do no harm rules of ethics considering the satisfaction of a patient, principles of integrity and autonomy. His/her attitude towards a patient is neutral and extrajudicial without discrimination and adheres to this principle as an ethical responsibility.
- Can consult a patient, collects a medical history (anamnesis) in a full and purposeful manner, conducts comprehensive physical examination.
- Performs interventions and practical procedures frequently used in diagnostics and treatment, in case of necessity redirects a patient to a corresponding specialist.
- Has skills for effectively communicating with a patient's relatives and third parties. Provides a patient with information about a diseases and treatment in understandable terms, adheres to the principles of informed consent and the protection of a patient's confidentially.
- Assesses psychological and social aspects of a patient's disease based on basic knowledge of behavioral and social sciences.
- Effectively uses information technologies in a medical context; Properly explains (interprets) sources of the information, can differentiate fact based information, can plan and realize original scientific research and assess obtained results. Fully masters research methods in medicine, keeps track of scientific and technological achievements in a sphere of his/her operations.
- Predicts risks of a disease and traumas, identifies individuals under those risks or on early stages of a disease and takes necessary measures. Recognizes protection of a human health as a primary responsibility of a doctor through prevention and treatment. Can cooperate with other healthcare professionals and establishments for protecting health of individuals and society at large.
- Adheres to lifelong learning principles.
- Demonstrates professionalism;
- Develops general learning outcomes.

