Innovative Postgraduate Education in The Field of Environment Protection: Methods and Tools

MENVIPRO
Co-funded by the Erasmus+ Programme of the European Union

MENVIPRO project implementation and management in UG

Kakhaber Tavzarashvili
5 October 2022

BIO Presenter

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at The University of Georgia

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The University of Georgia (from 2014)

- High quality education;
- Modern teaching approaches;
- Great variety of major and minor specialties;
- Learning process in small working groups with local and foreign experts;
- Exchange programs;
- Modern Sports infrastructure and a fitness club;
- Diverse student life, active and creative student clubs;
- High-tech, modern laboratories;
- Unforgettable events;
- International certificate programs.

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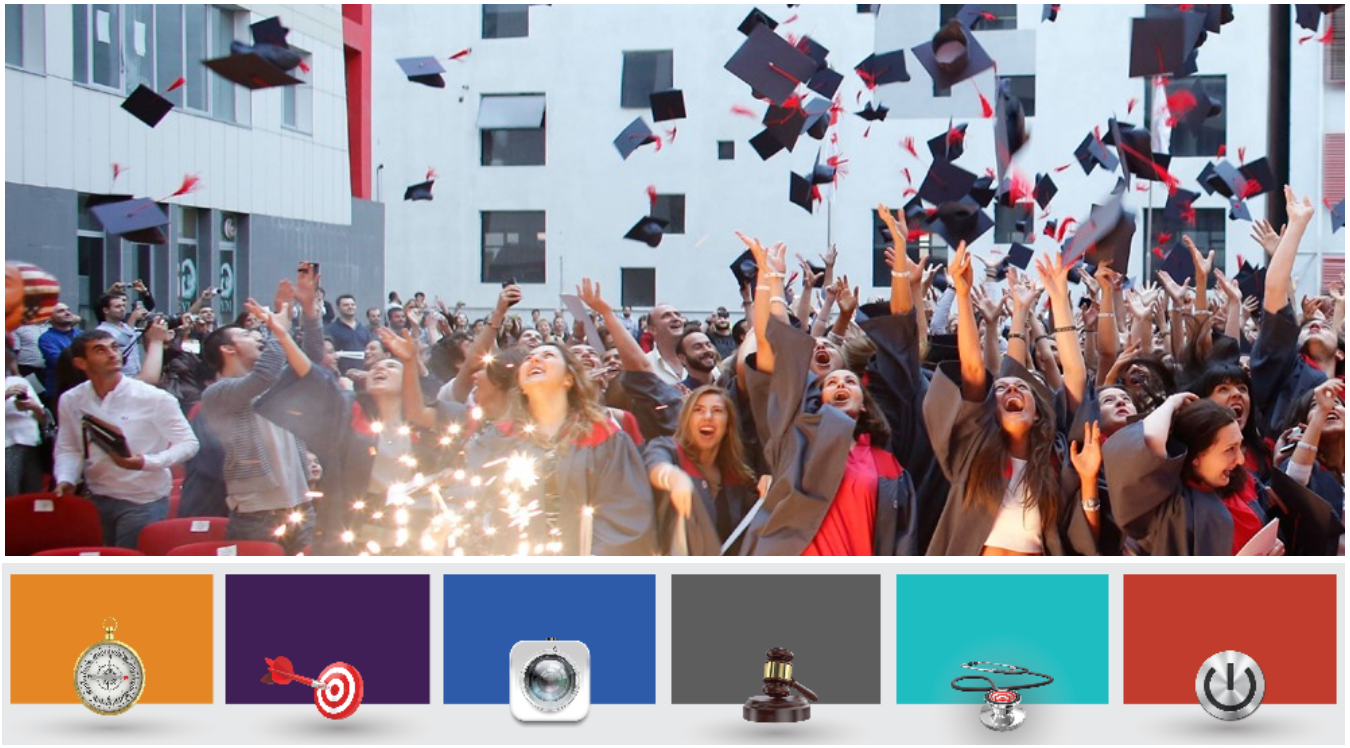
Schools

- School of Humanities
- School of Business
- School of Social Sciences
- School of Law
- School of Health Sciences
- **School of Science and Technology**



- 80000 active student
- 2000 international students

- 250 engineering student
- 200 international students

CISCO

CISCO CERTIFIED CCNA

CISCO CERTIFIED CCNP

ORACLE ACADEMY

Microsoft IT Academy

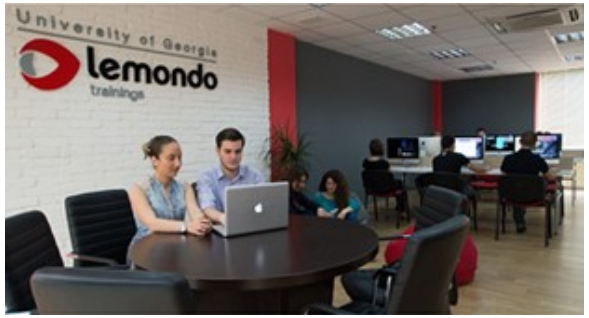
MikroTik

University of Georgia

lemondo trainings

iOS Apps

android



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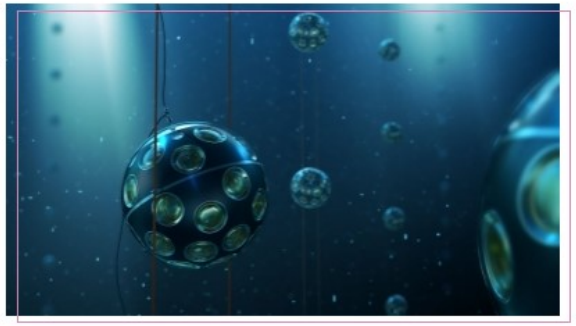
21 July 2022

ERASMUS+ MENVIPRO - გარემოს დაცვის სასწავლო პროგრამების მოდერნიზაცია სომხეთისა და საქართველოსთვის.

იხილეთ მეტი



27 July 2022

KM3NET - ნეიტრინული ტელესკოპების პროექტი

იხილეთ მეტი

Idealab is committed to providing students with the tools they need for professional growth.
The laboratory is equipped with modern electronic engineering equipment and equipment. Idealab is a space where all interested young people, entrants, students can bring an interesting idea and use modern technologies for its implementation: 3D printer, laser cutter, CNC machine, oscillograph, signal generators, multimeters, Ardunio and Raspberry modules, different types of sensors .

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The University Of Georgia

Program name:	**Applied sciences**
Study Level:	Graduate
Program leader:	Kakhaber Tavzarashvili
Study language:	Georgian
Qualification to be awarded:	Master of Science (Applied Mathematics), Master of Science (Applied Electrodynamics)
Volume of the program:	120
Prerequisite for admission to the program:	Enrollment of students in the second level of academic higher education (master's programs) is carried out on the basis of the results of the unified master's exams or in accordance with the order of the Minister of Education and Science of Georgia No. 224/N (December 29, 2011), after successfully passing the exam in the English language (written) and specialty (oral). On the basis of administrative registration and the order of the presidents.
Purpose of the program:	The goal of the program is to provide training of competitive and highly qualified professionals in the fields of applied sciences (applied electrodynamics and applied mathematics) who will have deep theoretical knowledge and practical skills in physics/mathematics/information and computer technologies. Graduates will be able to conduct research independently, think creatively, and have a deep and systematic knowledge of the relevant specialized field. Graduates will be able to be employed in educational, scientific, research, marketing, private and state structures, where modern scientific thinking, knowledge of the latest achievements and in-depth knowledge of the field, analytical thinking, ability to solve scientific problems, planning, implementation and management of scientific projects are required. Graduates will have appropriate research skills,

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The University Of Georgia

Program name:	**PhD in Pharmaceutical Chemistry**
Study Level:	Doctoral
Program leader:	Samad Khaksar Maghami
Study language:	English
Qualification:	PhD in Pharmacy
Program capacity:	60
Program permission:	To be accepted as a Ph.D. fellow, one should have a Master's Degree or equivalent in a wide field of Pharmacy or other related fields. Applicant should present written Research Concepts related to announced research topics and an English language knowledge certificate at B2 level at least. A Scientific Board makes decisions considering written and oral reports presented by the candidate and judging conformity with candidates' research skills and the School's research priorities and resources
Program goals:	The goal is to provide outstanding graduate education in Pharmaceutical chemistry through multidisciplinary training in synthetic organic chemistry, natural products, drug design, molecular metabolism and chemical toxicology, and mechanisms of drug action in preparation for careers in industry, government, or institutions of higher learning. Program graduates will be able to work in pharmacy companies, drug manufacturing and marketing companies, health departments, laboratories, research organizations (CSIR), biotechnological firms, pest control departments, and defense services.

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Conference MENVIPRO-2019

Within the framework of the project, a modified, University-affiliated educational and research center (AirLab) was created for the university's master's degree, which was used for student projects, joint projects of external stakeholders and demonstration activities, which will strengthen cooperation between universities and promote the search for scientific ways to solve environmental problems. In addition to the fact that the MENVIPRO project is important for the project partners, it has a beneficial effect on the volume of attracted investment, improving the quality of higher education, strengthening cooperation between education and business, as well as sharing university experience between the European Union, Georgia and Armenia .

Summer School 2022

Summer School This Sustainable and Innovative Approaches for Environmental Safety was held on July 11-13, 2022 .

The goal of the summer school was to familiarize students and young researchers with modern methods and technologists in the direction of environmental safety and monitoring . The summer school was intended for students interested in life sciences, chemistry, biology, physics and ecology. The professors of the University of Georgia presented the following topics:

- Water resources, water quality research methodology
- The Technology of complex recycling of technogenic and anthropogenic solid wastes
- Measuring devices used in environmental sciences
- In situ measurement techniques for trace gas fluxes in terrestrial ecosystems
- Hyperspectral remote sensing for vegetation and soil monitoring: opportunities from new generation spaceborne sensors
- GIS technology for environmental monitoring.

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iTechnics
kurakura
iRoom
STEAM
ფესტივალი
2022
საქართველოს უნივერსიტეტის
მეცნიერებისა და ტექნოლოგიების სკოლა
10 ივნისი
15:00

THANK YOU !