

# UNIVERSITY OF TRANDITIONAL MEDICINE



**2023 - 2024 ACADEMIC YEAR ACTIVITY REPORT**

**Rector PhD N. Saribekyan**

**Yerevan 2024**

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## 1. INTRODUCTION

The University of Traditional Medicine (hereinafter UTM), guided by the provisions of higher and postgraduate professional education in the Republic of Armenia, the University Charter, the strategic development plan for 2020-2025, and decisions made by the management and scientific councils and rectorate, has implemented a variety of processes aimed at improving the educational system, modernizing material and technical resources, and ensuring the quality of education during the reporting period.

In organizing and carrying out academic activities, UTM has placed particular emphasis on the latest challenges in the field of higher education and the necessity to respond to these challenges, meet stakeholder needs to the highest degree, and significantly improve the quality and effectiveness of education.

During the 2023-2024 academic year, the UTM consistently continued its activities of training competitive specialists, improving the PEP, internationalizing the university, regulating management processes, ensuring financial stability, and other directions.

As a result of the comprehensive measures taken, UTM successfully passed institutional reaccreditation.

The student-centered approach adopted by the University has continued to be of primary importance, particularly in its activities involving students.

Below are the descriptions of the activities carried out by UTM during the 2023-2024 academic year, categorized by different areas of operation.



*Numbers 2023-2024 academic year*

*UTM 33 founded in 1991*



Continuous and integrated educational program **2**



General Medicine faculty **426** student



Dentistry faculty **34** student



Students **460**

Foreign students **434**

Armenian students **26**



Graduated **82**



Cooperation Contracts and Agreements **24**

## 2. Administrative Staff

Nº	Name, Surname	Position
1.	Norik Saribekyan	Rector (Ph. D.)
2.	Arayik Gyozyan	Vice Rector for QA and Education Reforms
3.	Arsen Minasyan	Ph. D., professor, Vice-Rector on Education Affairs
4.	Anahit Karapetyan	Dean
5.	Vahan Grigoryan	The Head of Scientific Department (C Sc.)
6.	Asya Sargsyan	The Head of Education Department
7.	Nvard Tarjumanyan	HRM and Head of General Department
8.	Manushak Hovsepyan	QA Leading Specialist
9.	Ani Sargsyan	Head of Foreign Relations Department
10.	Susanna Avoyan	Chief Accountant
11.	Simon Khechumyan	The Head of Civil Defense Headquarters
12.	Gohar Manashyan	Dean's Assistant
13.	Gohar Kirakosyan	Assistant to the Head of the Education Department
14.	Naira Danielyan	Assistant to the Head of the Education Department
15.	Vard Gabrielyan	HRM and General Department Leading Specialist
16.	Lusine Harutyunyan	Treasury Accountant
17.	Anna Avetyan	Librarian
18.	Lianna Vardanyan	Leading Specialist of Foreign Relations Department
19.	Heghine Gyulnazaryan	Specialist of Foreign Relations Department

### Head of the chair

Nº	Chair	Surname, name	Academic degree, title
1.		Tatevik Simonyan	
2.	Natural sciences	Hayarpi Javrushyan	Ph. D.
3.	Medical and biological subjects	Naira Hunanyan	Ph. D.
4.	Social Medicine	Anna Ovchyan	Psy. D
5.	Therapeutic subjects	Maro Nazlukhanyan	Ph. D.
6.	Surgical subjects	Edik Avagyan	Ph. D.
7.	Dentistry	Hovnan Hakobyan	Ph. D.

### 3. Admission

The University of Traditional Medicine implements continuous and integrated educational programs in the specialties of "General Medicine" and "Dentistry".

*Timetable № 1*

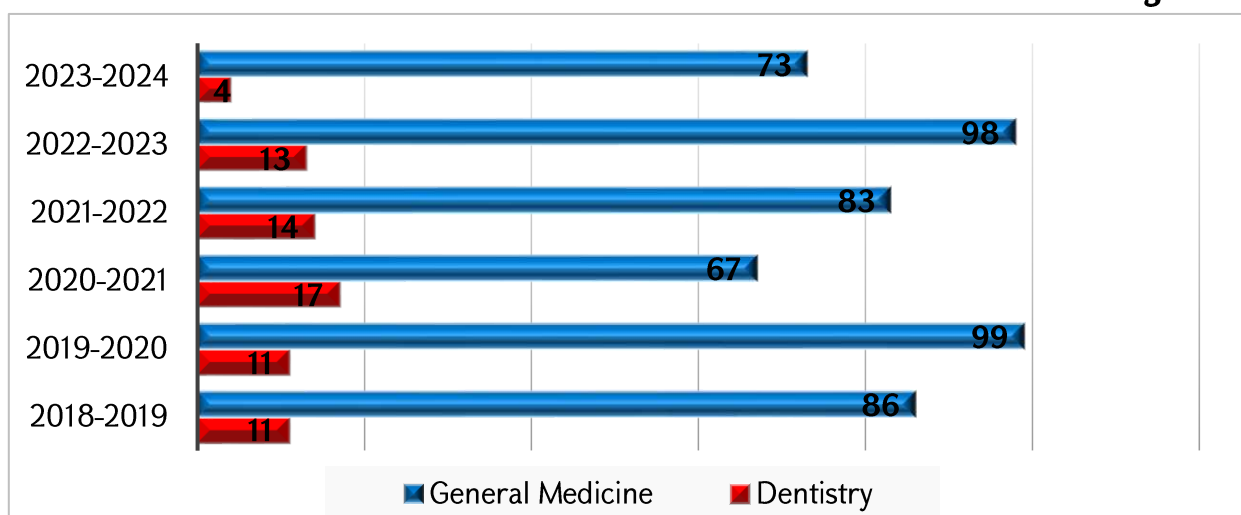
Code	Education type	Duration of teaching	Language of education	Qualification	Border places
General medicine 091101.00.7	Full-time	6	Armenian and English	doctor	120
Dentistry 091201.00.7	Full-time	5	Armenian and English	dentist	120

The University offers education exclusively through the full-time system in two faculties: "General Medicine" and "Dentistry." The 2023 admission was conducted according to the number of places defined by the license, specifically:

- "General Medicine" specialty: 73 students
- "Dentistry" specialty: 4 students

A comparative picture over the years is as follows:

*Diagram № 1*



Compared to the admission data of previous years, the number of applicants for the "General Medicine" specialty decreased by 25 applicants in the reporting year. The number of applicants for the "Dentistry" specialty also decreased, with only 4 applicants in total for the reporting year. Summarizing the admission results, it can be stated that, compared to the 2022-2023 academic year, the number of students admitted to the first year in the 2023-2024 academic year has significantly decreased. Additionally, no admissions of Armenian citizens took place in the 2023-2024 academic year due to an insufficient number of applicants.

#### 4. Composition of the Scientific Council

President	PhD, rector Saribekyan N. Kh.
Scientific secretary	Head of the Scientific Department, Grigoryan V.S.
<b>Members</b>	
Gyozalyan A.G.	Ph. D., docent, Vice-Rector for Quality Assurance and Educational Reforms
Minasyan A.L.	Ph. D., professor, Vice-Rector on Education Affairs
Tarjumanyan N.V.	HRM and Head of General Department
Karapetyan A.N.	Dean
Sargsyan A.H.	Head of Education Department
Sargsyan A.A.	Head of Foreign Relations Department
Simonyan T.V.	Ph. D., professor , Head of “Humanitarian subjects” department
Javrushyan H.G.	Ph. D. , Head of “Natural subject” department
Hunanyan N.G.	Ph. D., Head of “Medical and biological subjects “ department
Nazlukhanyan M.A.	Ph. D., Head of “Therapeutic subjects” department
Avagyan E.S.	Ph. D., Head of “Surgical subjects №1” department
Ovchyan A.A.	Psy. D., Head of “Social Medicine” department
Hakobyan H.H.	Ph.D., Head of the Faculty of “Dentistry”
Vardanyan V. Y.	SMTC chief doctor
Avoyan S. H.	Chief Accountant
Aghayi E.	SC president, 3-years student of “Dentistry”
Adomah S.	Head of SSC, 6-years student of “General Medicine”
Zadbuke R.P.	6-year student of “General Medicine”
Namalyan M.	3-year student of “Dentistry”
Vardanyan K. E.	Ph. D., professor ,external stakeholder

## **5. Activities of the Scientific Council**

The University's Scientific Council is a collegial body responsible for planning and coordinating the University's educational, methodological, and scientific-research activities. During the 2023-2024 academic year, the Scientific Council held 12 meetings. The preparation for the meetings, the drafting of the minutes, and the communication of decisions to the relevant stakeholders are managed by the Head of the Scientific Division, who also serves as the Secretary of the Scientific Council.

### **A brief overview of the activities of the Scientific Council:**

- ❖ The compositions of the Management Council, Scientific Council, Rectorate, and various committees were confirmed.
- ❖ The preliminary version of the plan-timetable for addressing the deficiencies identified by the institutional reaccreditation expert group was heard and discussed.
- ❖ The organizational and regulatory documents aimed at improving the effectiveness of the organizational and educational processes have been discussed and approved.
- ❖ The academic plans for the active educational programs of the 2023-2024 academic year were approved.
- ❖ The results of the final certification exams were discussed.
- ❖ The reports on the performance of head of chairs, unit leaders, and committee chairs have been heard according to the plan.
- ❖ The results of the admission exams for the 2023-2024 academic year for the University's continuous and integrated educational programs were confirmed.
- ❖ Relevant decisions were made based on the issues discussed in the Scientific Council meetings.

## **6. Activities of the Rectorate**

The Rectorate of the University is an advisory body to the Rector, operating in accordance with its regulations. During the period between the meetings of the University's Management Council and the Scientific Council, the Rectorate discusses, ensures, and makes decisions within its authority regarding issues related to the educational process at the University.

During the 2023-2024 academic year, the Rectorate held 30 meetings.

1. The 2023-2024 academic year's work plan was discussed and approved.
2. A report was heard regarding the planning and organization of the 2023-2024 academic year's educational process.
3. Meetings were convened to discuss issues related to student dismissal, release and restoration.
4. Issues regarding the organization and conduction of the previous academic year's summer exam session were addressed, and the results of the summer exam session were discussed.
5. Issues related to the transfer of students between courses were heard, and so on.



## 7. Quality assurance committee of the university scientific council

The Quality Assurance Committee, operating under the Scientific Council of UTM, has carried out preparatory work during the reporting year to ensure the proper organization of institutional reaccreditation activities.

At first, the QA Committee ensured the implementation of UTM's activities in accordance with the 2020-2025 Strategic Development Plan, monitored the work plans of departments, the preparation of corresponding reports, and the systematic implementation of QA processes.

During the reporting year, the internal quality assurance policy was reviewed and fully implemented, after being previously reviewed in the prior academic year.

The implementation and consistent application of the revised UTM QA manual is a requirement for organizing and managing the internal quality assurance system of vocational education institutions. The UTM describes the quality assurance processes in its Quality Assurance Manual. The manual includes an organizational chart that displays the distribution of QA responsibilities, as well as information on QA policies, processes, and procedures.

The QA Committee also coordinated the institutional reaccreditation process in the reporting year, organizing meetings with the self-analysis working group and the University's staff.

At the proposal of the QA Committee President, the composition of the QA Committee could be expanded to accommodate the scale of ongoing work.



## 8. INTERNAL QUALITY ASSURANCE SYSTEM

The university's internal quality assurance system is regulated, with the responsibilities and authorities of those responsible clearly defined.

During the reporting year, the university carried out necessary activities for the preparation, organization, and implementation of the institutional re-accreditation process.

The working plan of the Vice-Rector for Quality Assurance and Strategic Development is derived from the UTM's Strategic Development Plan for 2020-2025. The actions outlined in the plan with the strategic objectives of the university, and the defined processes are quite comprehensive, encompassing not only quality assurance activities but also directions aimed at the development of educational and research activities. Among the planned quality assurance processes, discussions with stakeholders, surveys, and the development and approval of procedural and formatting documents have been carried out.

All issues presented in the expert report were highlighted and the following activities were carried out during the reporting period:

- ❖ During the reporting period, the QA responsible parties continued meetings with internal stakeholders in various directions, including identifying needs, providing consultations, and discussing improvement suggestions.
- ❖ A discussion of the preliminary expert report was organized, and no comments or disagreements were recorded regarding it.
- ❖ A program and schedule for addressing the shortcomings noted in the expert report of the institutional accreditation of the UTM have been developed, based on the 10 accreditation criteria. The draft version of the program was discussed among internal stakeholders. It is planned for the period from 2024 to 2026 and includes the consultations presented by experts on the 10 criteria, which have become issues. Expected outcomes have been developed, along with the necessary actions and steps to achieve them. Based on the identified issues, the university's budget has been revised according to the relevant categories.
- ❖ It is planned to review the expected outcomes set by the work plans of all reporting departments and leaders, and to specify the timeframe for achieving them.
- ❖ By the directive of the Vice-Rector for Quality Assurance and Strategic Development, within the framework of the current external relations criterion of the Strategic Development Plan, the External Relations Department has analyzed its activities from 2020-2023 and summarized the effectiveness of existing contracts and memoranda of understanding. Based on the decision of the Scientific Council and following expert consultations, a new five-year strategic plan for the External Relations Department is being developed.
- ❖ It is planned to conduct continuous monitoring of the University's Human Resource and Career policy in the 2024-2025 academic year, evaluating the work of the MRC and the

overall department in terms of achieving the strategic objectives outlined in the Strategic Development Plan, and tracking successes and challenges.

- ❖ Based on the needs of stakeholders at the basis of cooperation with local and international organizations and contributing to the improvement of practices and experience exchange processes, memorandums of cooperation have been prepared with the Faculty of Biology of YSU and the Orbel Institute of Physiology. The initiative of the Vice-Rector for Quality Assurance and Strategic Development in this regard was great, as well as participation in the development and discussion of the draft memorandum. At the end of the reporting academic year, memorandums of cooperation were signed with the Faculty of Biology of YSU and the Orbel Institute of Physiology.
- ❖ A consultation was organized by the QA responsible parties with the academic staff on the effective organization and conduct of practical and laboratory courses. The discussion focused on suggestions for improving practical and laboratory sessions as outlined in the subject programs, ensuring interdisciplinary connections in the educational programs, and the clear and complete reflection of assignments. Emphasis was placed on ensuring the task-resource chain needed to achieve the final outcomes.
- ❖ In accordance with the consultation of the expert group for institutional accreditation, the experience of medical universities applying teaching and assessment methods recommended by the World Federation for Medical Education (WFME) has been studied. The university found it appropriate to establish cooperation with medical universities in the neighboring country of Georgia that are accredited by WFME. In the second semester of the 2023-2024 academic year, a business trip was organized to the "Tbilisi Medical Academy," and a bilateral cooperation agreement was signed. Within the framework of the mentioned agreement, from July 22-25, six faculty members of the university participated in a training in Tbilisi on the topic of the "OSCE-digitalized tool for Objective Structured Examination of Clinical Reasoning Skills of Medical Students." This means that the University is consistently working on the PEP of its educational programs.
- ❖ The Vice-Rector for Quality Assurance and Strategic Development and the lead specialist for quality assurance participated in the working group for the business trip to the Tbilisi Medical Academy (April 9-11, 2024). They held a separate meeting with the Head of the Quality Assurance Department of the Medical Academy, Nino Sikharulidze, where they discussed several issues related to quality assurance processes, particularly the work being carried out by QA responsible parties related to the implementation and application of OSPE and OSCE exams.
- ❖ The Vice-Rector for Quality Assurance and Strategic Development presented a report at the Academic Council meeting on the two-day visit to the Tbilisi Medical Academy. Meetings were organized at the university to discuss the details and outcomes of the business trip.

- ❖ To ensure the effective implementation of the actions outlined in the plan-timeline for addressing deficiencies, working groups have been formed by the decision of the Academic Council and the Rector's order:

1. PEP Continuous Monitoring and Review of Medical Programs (order 04.04.2024)
2. Working Group for Review of Internal Normative Documents (order 04.04.2024). The quality assurance responsible parties are included in this group. A report has been presented to the Academic Council on the results. It is planned to follow the revised position descriptions for the 2024-2025 academic year.

The formed working group, based on the experts' recommendations, has clarified the functions of the UTM's Management Council and, taking into account the need for the involvement of external stakeholders, has developed a new draft of the Management Council's regulations. With the approval of the project, there will be a need to form a new composition of the Management Council.

- ❖ Based on the decision of the Academic Council regarding the results of the 2022-2023 academic year's practical training, (October 6, 2023), the lead specialist for quality assurance, together with the clinical work coordinator and the dean, reviewed the regulations for "Organizing and Conducting Students' Educational and Production Practices at the UTM", which include the procedure for approving practice results. Mechanisms for supervising and assessing the practices of international students and other consultations on improving the practices, presented by the expert group, have been included in the deficiency elimination plan-timeline, according to which the responsible departments have planned their work.
- ❖ Following the recommendation of the expert group, the composition of the Quality Assurance Committee, which is attached to the Academic Council and chaired by the Rector (who is also the President of the University's Scientific Council), was reviewed. The experts also noted that the overall management and operational governance of the UTM are carried out by the Rector, who is accountable to the highest governing body of the university, the General Assembly of Founding Members, where the Rector is also included, in accordance with the legal-organizational form of the university and the characteristics of the existing governance system. Therefore, the composition of the Quality Assurance Committee has been revised.
- ❖ The class observation results for the autumn semester of the 2023-2024 academic year, submitted by 7 Chairs, have been analyzed. Relevant conclusions were made and presented at the Academic Council meeting.
- ❖ By the initiative of the Vice-Rector for Quality Assurance and Strategic Development and the Human Resource and Career (MRC) department, a two-day training on "Psychopedagogical Approaches for Teachers in Medical Institutions" was organized on

March 28-29 for the faculty, conducted by the "EI-Pi" Psychological and Educational Consultancy Center. Forty-nine lecturers participated in the training. An agreement was reached with K. Vardanyan, the head of the Research Center at Kh. Abovian Armenian State Pedagogical University, Doctor of Psychology, Professor, to organize a three-phase training.

- ❖ On the advice of the experts, efforts are also being made to improve laboratories designed for the development of students' skills within the framework of prerequisite courses. By the directive of the Vice-Rector for Quality Assurance and Strategic Development, an evaluation of existing resources and preparation of proposals has been conducted in the professional departments. As a result, the departments have submitted a list of essential laboratory equipment for prerequisite courses. According to the submitted list, the accounting department has taken steps to acquire the necessary laboratory equipment.
- ❖ In the second semester of the 2023-2024 academic year, laboratory equipment, simulation mannequins, and microscopes were acquired, with a significant amount of funding allocated for these purchases.
- ❖ The proposals for purchasing medical equipment, educational materials, and supplies for the university have been discussed.
- ❖ The Vice-Rector for Quality Assurance and Strategic Development has responded to approximately 30 written inquiries, which were forwarded to him by the Rector of the UTM during the current academic year.
- ❖ Taking into account the expert group's observations regarding the shortcomings of the needs assessment questionnaires, the lead specialist for quality assurance, M. Hovsepyan, has reviewed the questionnaires on the “*Evaluation of teaching quality*” and “*Effectiveness and the satisfaction of graduates with the education*”, in collaboration with faculty members. These questionnaires have undergone a pilot phase, and were completed in paper form by students from various courses. One of the two proposed options was selected, and in early the second semester of the 2023-2024 academic year, an online survey was conducted among students to evaluate teaching quality and effectiveness, as well as the satisfaction of graduates with the education they received. The results of the survey have been processed and presented to the relevant departments, and will be presented at the upcoming Academic Council meeting.

Thus, during the reporting period, processes aimed at ensuring the quality of education have been carried out at the university, which have encompassed both the educational and research activity development directions outlined by the Strategic Development Plan.

## 9. SCIENTIFIC PART

During the reporting period at the university, 65 specialists were involved in the educational process, 4 of whom hold a doctoral degree, and 24 hold a candidate of sciences degree.

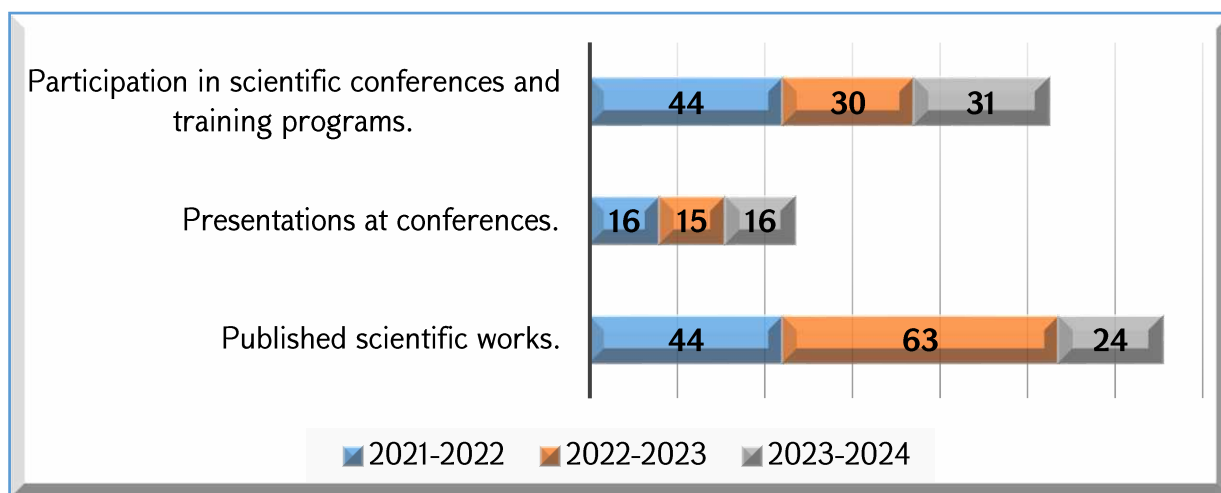
A part of the university's teaching staff is engaged in professional and scientific activities alongside the educational process. During the reporting period, the ABH faculty published one educational-methodological manual and authored or co-authored 23 articles and book chapters, 20 of which were published abroad. UTMA lecturers participated in local and international scientific conferences, some of which included presenting reports and/or publishing articles in the conference proceedings. Seven lecturers completed professional training programs. During the reporting academic year, university lecturers received several research grants.

UTMA students, like in the previous academic year, have been actively engaged in scientific research during the reporting year. Some of them have published scientific analytical articles. One student has had seven articles published, while two others presented poster reports, one of which won 3rd place in an international conference competition. Two students were included in grant-funded research projects.

Below are comparative graphical representations of the scientific activities for the reporting year and the previous two academic years.

***Diagram № 2***

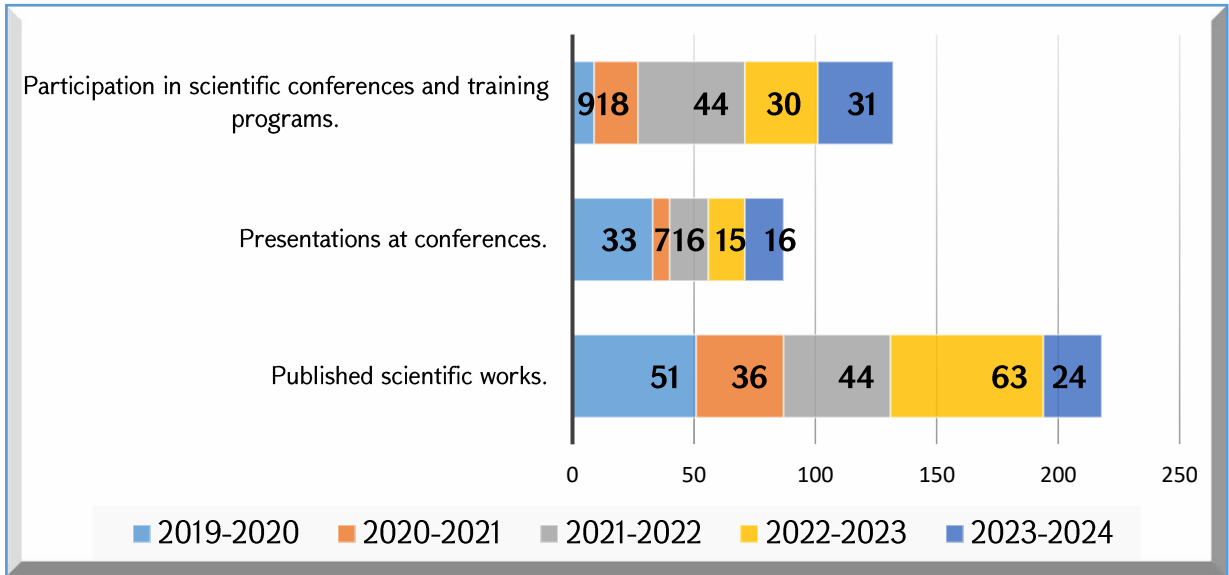
**The comparative overview of the scientific activities of UTMA lecturers for the academic years 2021-2022, 2022-2023, and 2023-2024.**



Thus, according to the data in diagram 1, we can observe that in the reporting year, the participation of ABH faculty in scientific conferences and training programs has increased by one compared to the previous year. However, it has significantly decreased compared to the 2021-2022 academic year. The same trend is seen in the published scientific articles section, where there has been a 38% decrease compared to the previous year.

**The scientific activities of UTMA lecturers over the past four years.**

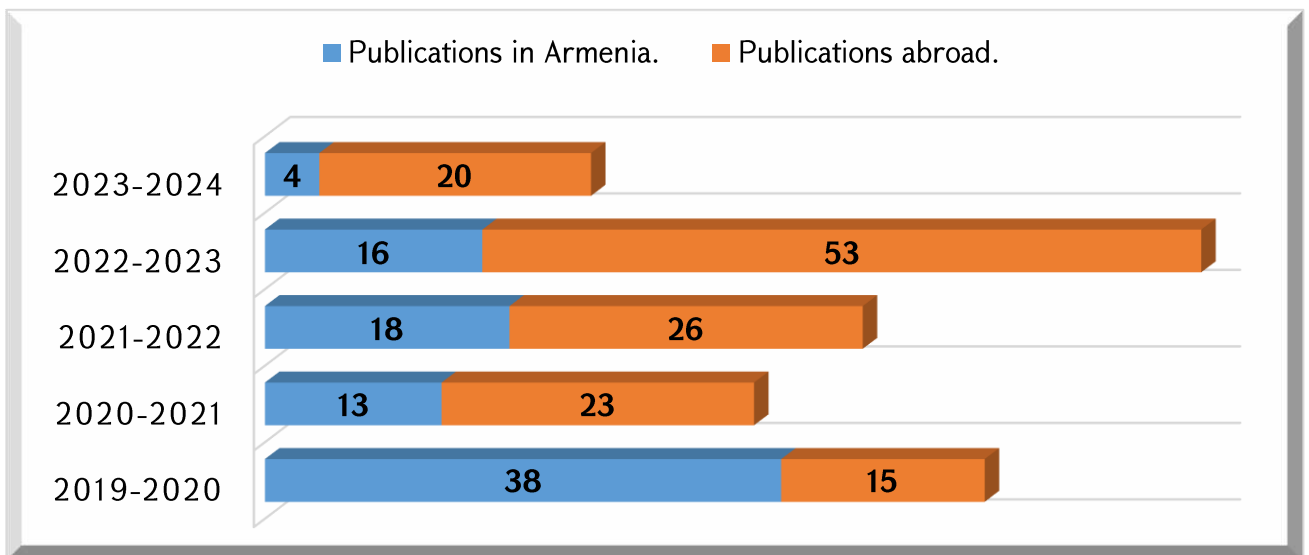
***Diagram № 3***



Summarizing the data from diagram 2, we note that certain indicators have significantly decreased in the reporting year. From this, we can conclude that the scientific department needs to study and analyze the existing data, based on which improvement measures should be developed, and efforts in this direction should be intensified.

***Diagram № 4***

**The scientific publications of UTMA staff in Armenia and abroad over the past four years and their comparison.**



Compared to previous years, the number of scientific research articles, theses, and papers published by the teaching staff has significantly decreased in the reporting year. This should be one of the primary issues for the Scientific Department, which requires considerable attention.

One of the achievements of the reporting year has been the activation of the Student Scientific Society. During the 2023-2024 academic year, university students, under the

leadership of the head of the Scientific Department, V. Grigoryan, participated in several scientific conferences and co-authored several scientific articles. Two students from the Student Scientific Society were included in grant-funded programs.

**10. HUMAN RESOURCES MANAGEMENT AND GENERAL DEPARTMENT**

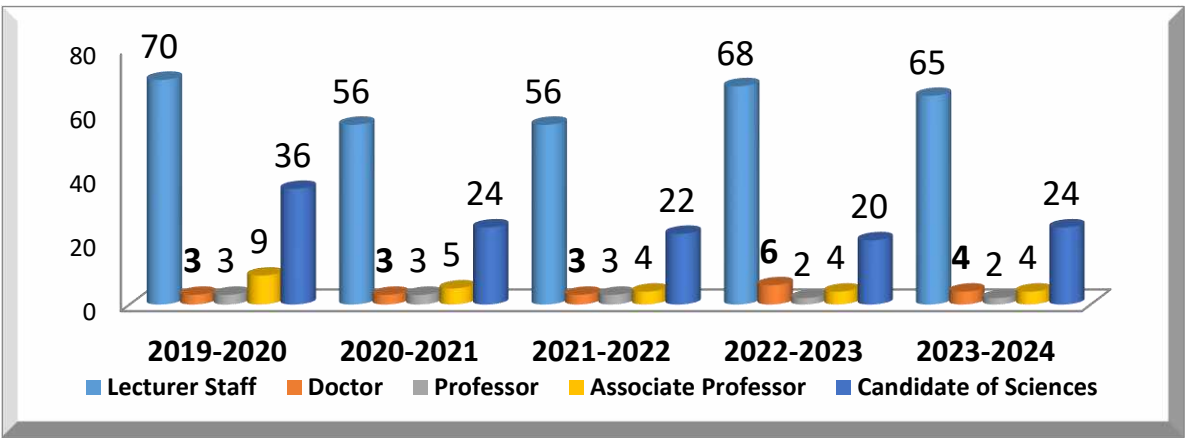
The HRM and General Department continued its operations during the 2023-2024 academic year in accordance with its regulations and the internal regulations of the UTMA.

During the 2023-2024 academic year, the university employed 94 staff members, which is 7 fewer than the previous year.

Information about the university staff is presented below (in Diagrams 5 and 6).

***Diagram № 5***

**Comparative Data of the Teaching Staff**

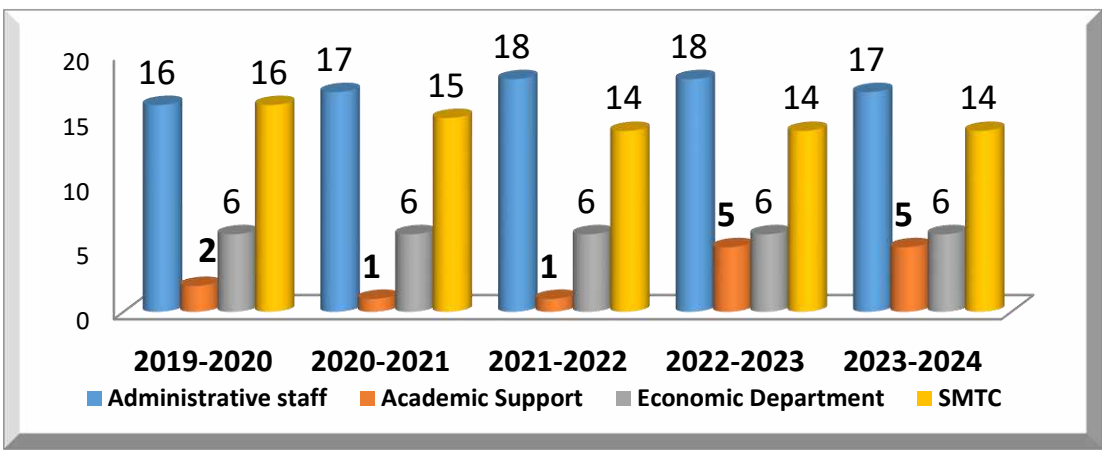


The number of teaching staff is 65 (47 of whom are women), with 4 lecturers holding administrative positions concurrently.

Compared to the previous academic year, the number of teaching staff decreased by 3, but the number of women increased by 1. Additionally, the number of Candidates of Sciences increased by 4 in the reporting year.

***Diagram № 6***

**University Administrative Staff**





In the reporting year, the administrative staff decreased by 1 employee. During the 2023-2024 academic year, 73 employment contracts were signed, 3 fewer compared to the previous year. All employees were hired under fixed-term contracts.

Nine employees were dismissed upon personal request (with the termination of their contracts, 6 of whom were full-time staff), while 61 employees' contracts expired.

- A relevant order from the rector was issued to grant the regular vacations for the 2023-2024 academic year.
- The duration of the vacations was calculated in accordance with the Labor Code of the Republic of Armenia and the Government Decision No. 1450-N of November 16, 2017.
  - teaching staff: 42 working days
  - rector, dean, heads of administrative departments: 30 working days
  - SMTC: 26 working days
  - administrative, academic support, and economic departments: 24 working days
- The staff list was compiled on August 28, 2024, and approved during the Scientific Council meeting.
- The university employs 10 retirees of various ages. Relevant statements regarding their work experience have been issued for pension processing and recalculation.
- All orders related to the hiring, dismissal, promotion, and other changes in positions within the department are recorded in the order book. All employees, including hourly employees, have the orders and any changes in legal documents in their personal files.
- The number of orders for the 2023-2024 academic year reached from 1 to 476 (as of July 1, 2024).

Copies and/or extracts of orders have been provided to the recipients, which have been recorded in the registry. Throughout the year, the registration of incoming and outgoing documents was carried out in the corresponding registries (outgoing-1051, incoming-115). The registration of applications and reports has been carried out.

- At the beginning of the new academic year, a statistical report was provided to the academic department, mainly concerning the academic staff, their positions, and salary rates. The number of women is highlighted in all the data.
- During the reporting period, 416 certificates were issued (46 for employees, 370 for students) for submission to banks, embassies, schools, and regional departments of social services.
- At the university, the career advancement of the academic staff is carried out by considering the candidate's individual path, teaching and research abilities, and professional experience in the field. In the 2023-2024 academic year, 5 employees received a salary increase as part of their career advancement.
- 27 lecturers who actively participated in the process of reviewing the educational programs of the UTMA have been nominated for monetary rewards.

- The job descriptions of UTMA positions have been reviewed by the working group responsible for reviewing the internal normative documents of the university.
- In the reporting year, the UTMA Ethics Committee, chaired by the Head of the HRM and General Department, did not record any cases of ethical violations.
- At the suggestion of the Vice-Rector for QA and Education Reforms, continuous monitoring of the HRM and General Department's activities is planned to be implemented.

### ***Trainings***

- ❖ The Head of the HRM and General Department, N. Tarjumanyan, and the Senior Specialist of the HRM and General Department, Vard Gabrielyan, participated in a training organized by the EDUX Training Center on the amendments to the Labor Code of the Republic of Armenia, which took place from February 19, 2024, to February 20, 2024.
- ❖ The Head of the Foreign Relations Department, Ani Sargsyan, and the Senior Specialist of the department, Heghine Gyulnazaryan, participated in the conference-training on the topic "Equipping education stakeholders with competencies to detect and fight against fraud/DETECT," organized by the National Information Center for Academic Recognition and Mobility (ENIC Armenia) under the auspices of the Council of Europe (CoE) on October 31, 2023.
- ❖ The Head of the Foreign Relations Department, Ani Sargsyan, and the Senior Specialist of the department, Heghine Gyulnazaryan, participated in the "Erasmus+ Project Launch Day 2024" event, organized on June 20, 2024, in collaboration with the Ministry of Education, Science, Culture, and Sports of Armenia and the Erasmus+ National Office in Armenia.
- ❖ At UTMA, under the initiative of the Vice-Rector for QA and ER, A.Gyozalyan, a training on "Psychological and Pedagogical Approaches for Medical Institution Instructors" was organized by Laura Petrosyan, Head of the Department of Psychology, Pedagogy, and Political Science at the Academy of Public Administration of the Republic of Armenia, expert, PhD, Associate Professor. The training took place from March 28, 2024, to March 29, 2024. Upon completion of the training, certificates were awarded to 49 participants.
- ❖ Under the leadership of the Vice-Rector of University of Traditional Medicine, Arayik Gyozalyan, a working group of 15 staff members was formed. From April 9, 2024, to April 11, 2024, the group was on a business trip to Tbilisi, Georgia, where they signed a memorandum of cooperation with Tbilisi Medical University. They also studied the main accreditation approaches of the World Federation for Medical Education (WFME) for Georgian medical universities, approaches to integrating curricula, and active teaching methods.
- ❖ As a result of the cooperation, we received an official invitation from the Head of Educational Programs of the "Petre Shotadze Tbilisi Medical Academy" to participate in training on the topic "Virtual OSCE - Digital Tool for the Objective Structured Clinical Examination of Medical Students." Under the leadership of the Assistant to the Head of the

"Objective Structured Clinical Examination" Working Group, Senior Lecturer Eleonora Manukyan, the Head of the Department of Therapeutic Subjects, PhD Maro Nazlukhanyan, and lecturers PhD Harutyun Stepanyan, Nina Khldgatyán, and Rozi Yeremyan were sent on a business trip to Tbilisi, Georgia, from July 21, 2024, to July 26, 2024, to participate in the international training at the "Petre Shotadze Tbilisi Medical Academy."

Overall, the department's activities have been carried out properly, smoothly, diligently, and on time. All reports were submitted within the deadlines.

## 11. FACULTY ACTIVITIES

In the 2023-2024 academic year, the University of Traditional Medicine has prepared medical specialists in the fields of "**General medicine**" and "**Dentistry**" through continuous and integrated educational programs.

In the 2023-2024 academic year, both Armenian and international students studied at the university.

Teaching at the university is conducted in Armenian and English.

As in previous years, in the reporting academic year, the work of the dean's office was organized in accordance with the existing work plan.

Compared to the 2022-2023 academic year, the number of Armenian students at the university increased in the reporting year. This was due to the fact that 19 applicants, who graduated with high marks from medical colleges, were admitted to the second year of the Dentistry Faculty, in accordance with the Ministry of Education, Science, Culture, and Sports letter No. 01/10.1/11160-2023 dated May 12, 2023.

In the 2023-2024 academic year, the geoDiagramical scope of the university's students has mostly remained the same.

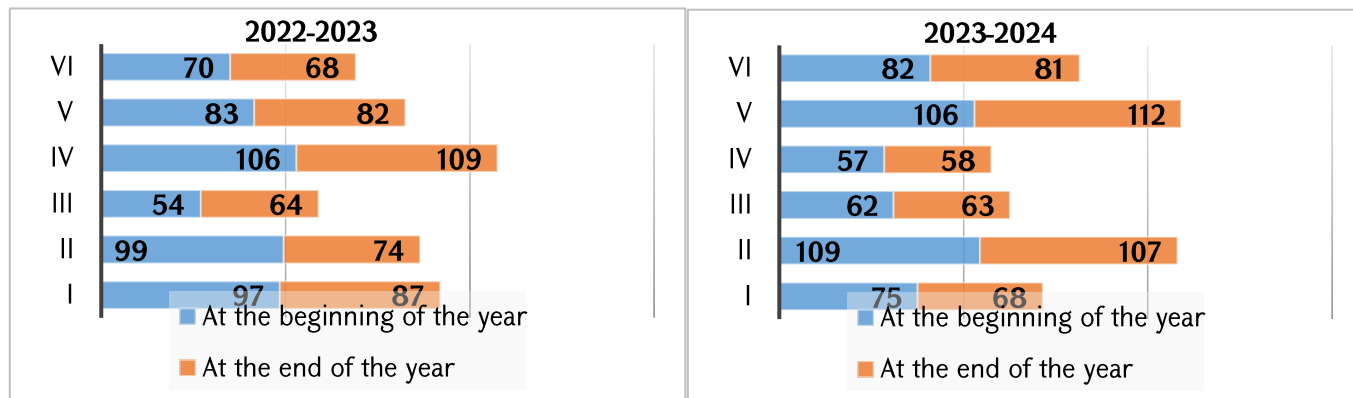
In the reporting academic year, students at the university were from Armenia, India, Iraq, Iran, Germany, Ireland, the United Kingdom, Jordan, Sweden, Ukraine, Sri Lanka, the Philippines, as well as from Vanuatu, Ghana, Egypt, Syria, Italy, and Dubai.

As in previous years, unfortunately, there was no admission of Armenian students to the first year in the 2023-2024 academic year. Of course, there were a few, but an academic group was not formed, and as a result, the Ministry of Education, Science, Culture, and Sports has allocated them to other medical universities.

In the 2023-2024 academic year, 474 students were enrolled in the continuous and integrated educational programs of the General Medicine and Dentistry Faculties at the beginning of the year (compared to 619 in the previous year), and by the end of the year, the number decreased to 465 (compared to 578 in the previous year), with 84 graduates.

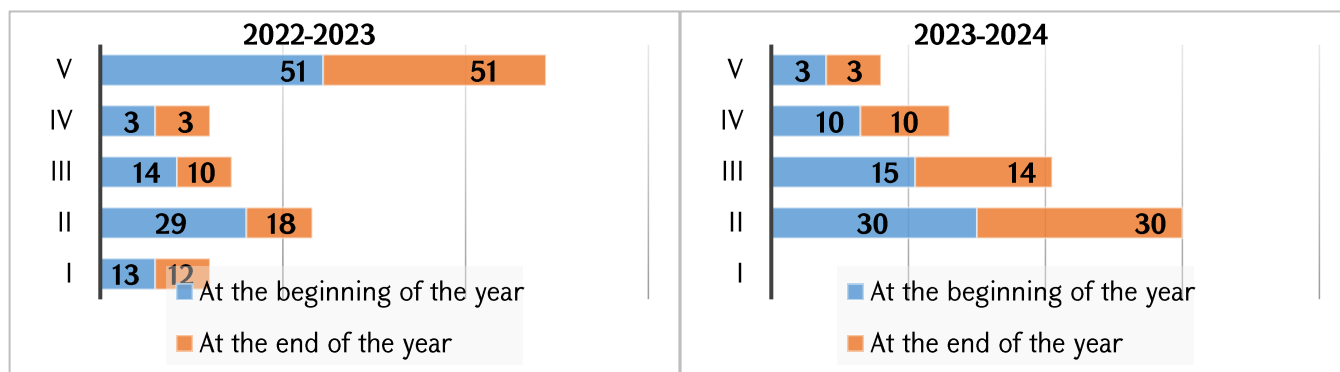
**COMPARATIVE DATA ON THE NUMBER OF STUDENTS  
"General Medicine" Faculty**

***Diagram № 7***



**"Dentistry" Faculty**

***Diagram № 8***

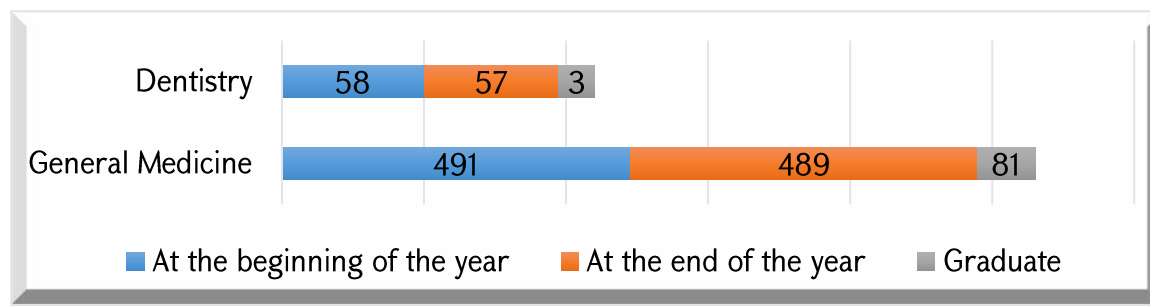


Comparing the results of the previous year's admission, a significant decrease in the number of applicants is observed in both faculties; in the reporting academic year, there were no first-year admissions to the specialty of dentistry.

Having studied and analyzed the problems, we can state that this is not related to the work of the university.

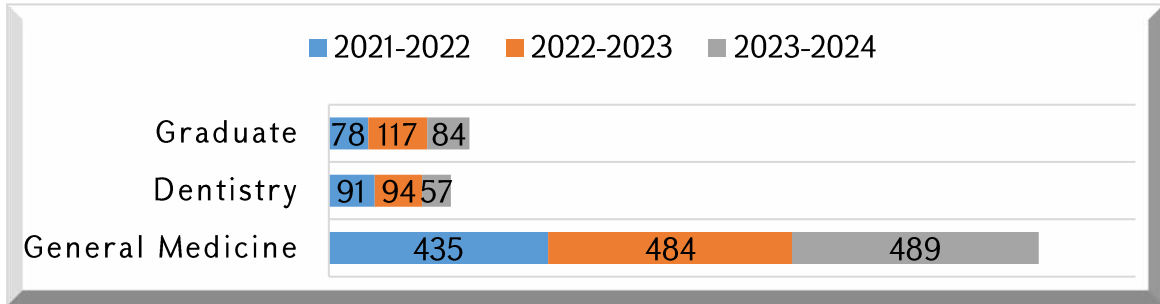
***Diagram № 9***

**Total number of students studying at UTMA**



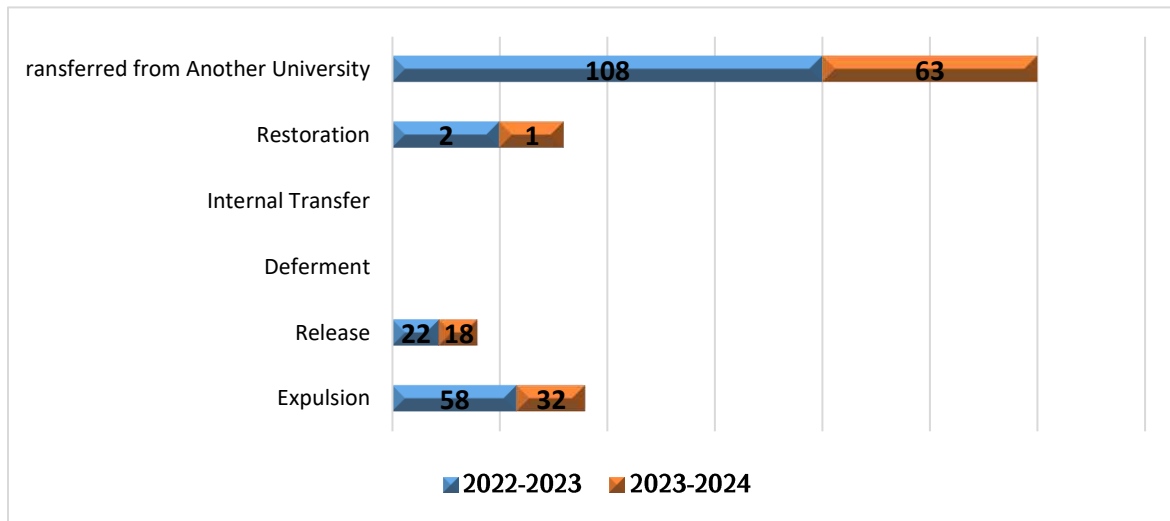
**Comparative Data of Students by Academic Years**

**Diagram N° 10**



**Comparative Data on Student Mobility by Academic Years**

**Diagram N° 11**



The mobility of students in the Faculty of General Medicine and Dentistry during the 2023-2024 academic year is presented in Diagram 5, where the mobility of the 2022-2023 academic year is also shown with comparative data.

During the reporting academic year, the academic calendars for the two faculties, as well as the timetables for the autumn and spring semesters, midterm exams, examination periods, reexaminations, internships, and the schedules for submitting academic differences, were prepared on time and approved by the rectorate. All of this, in both electronic and paper formats, was made accessible to stakeholders through various social platforms, the university's Facebook page, and the relevant notice boards in the university.

The timetables for the winter and summer exam periods, as well as reexaminations, were agreed upon with the students prior to being approved by the rectorate.

During the 2023-2024 academic year, departmental meetings were held during both semesters, where the organization of academic and educational activities within each department was discussed. The results of student progress, the outcomes of reexaminations, and various issues were analyzed, including those related to internships, the evaluation system, the improvement of students' practical skills and abilities, and other matters.

In the reporting year, the dean, specialists from the Department of Foreign Relations, and course advisors organized numerous individual meetings and discussions. These were held not only with students who had low academic performance or frequent absences, where appropriate measures were taken through consultations, but also to address issues related to interpersonal relationships among students, lecturer-student relationships, tuition fees, students' health problems, and other concerns.

**Table № 2**

**2023-2024 academic year**  
**The number of midterms and exams in the Faculty of General Medicine and**  
**Faculty of Dentistry.**

Faculty	Winter examination period		Summer examination period		Annual	
	Midterm	Exam	Midterm	Exam	Midterm	Exam.
<b>General Medicine</b>	33	18	26	23	56	41
<b>Dentistry</b>	27	12	26	15	53	27
<b>Total</b>	<b>60</b>	<b>30</b>	<b>52</b>	<b>38</b>	<b>109</b>	<b>68</b>

The winter and summer examination periods, as well as reexaminations, for the 2023-2024 academic year were properly organized and conducted, and their progress was monitored. During the winter exam period, a total of 90 subjects were organized and conducted in the Faculty of General Medicine and Faculty of Dentistry, including 60 midterm tests (33 in General Medicine, 27 in Dentistry) and 30 exams (18 in General Medicine, 12 in Dentistry).

In the summer examination period of the 2023-2024 academic year, a total of 90 subjects were organized and conducted, including 52 midterm tests (26 in General Medicine, 26 in Dentistry) and 38 exams (23 in General Medicine, 15 in Dentistry).

**Table № 3**

**GENERAL MEDICINE**  
**Academic Progress during the Winter and Summer Examination Periods (2023-2024**  
**Academic Year)**

Course, Group	Winter examination period		Summer examination period		Annual academic progress	
	Overall progress. %	Qualitative progress. %	Overall progress. %	Qualitative progress. %	Overall progress. %	Qualitative progress. %
<b>101.</b>	97.7	73.0	91,0	68,0	94,4	71,0
<b>102.</b>	93.3	54,5	81,0	48,0	87,2	51,3
<b>103.</b>	83.7	66,2	81,0	65,8	82,4	66,0
<b>I</b>	<b>92.0 %</b>	<b>65.0 %</b>	<b>84,0%</b>	<b>60,6%</b>	<b>88,0%</b>	<b>63,0%</b>
<b>201.</b>	93.7	79.0	92,0	70,3	93,0	75,0
<b>202.</b>	88.1	71.5	86,0	75,0	87,1	73,3
<b>203.</b>	63.3	36.6	64,0	40,3	64,0	38,5
<b>204</b>	70.2	37.0	73,0	47,8	72,0	42.4
<b>II</b>	<b>79.0%</b>	<b>56.0 %</b>	<b>79,0%</b>	<b>58,4%</b>	<b>79,0%</b>	<b>57,3%</b>

301.	82,7	58,0	80,0	64,6	81,4	61,3
302.	75.9	29.0	73,0	47,4	74,5	38,2
303.	77.8	42.3	88,0	66,4	81,0	54,4
<b>III</b>	<b>79.0 %</b>	<b>43.0 %</b>	<b>80,0%</b>	<b>59,5%</b>	<b>79,1%</b>	<b>51,3%</b>
401.	97.1	76.2	91,0	69,5	94,1	73,1
402.	92.8	73.5	98,0	77,1	95,4	75,3
403.	68.1	35.2	73,0	42,8	70,6	39,0
404.	86.6	53.4	79,0	48,5	83,0	51,0
<b>IV</b>	<b>86.2 %</b>	<b>60.0 %</b>	<b>85,0%</b>	<b>59,5%</b>	<b>86,1%</b>	<b>60,0%</b>
501.	95.8	82.6	95,0	75,0	95,4	79,0
502.	94.2	79.2	96,0	80,7	95,0	80,0
503.	93.4	80.0	83,0	62,1	88,2	71,1
504.	96.8	80.0	83,0	66,9	90,0	73,5
505.	92.4	65.6	86,0	60,2	89,2	63,0
<b>V</b>	<b>94.5 %</b>	<b>77.5 %</b>	<b>89,0%</b>	<b>69,0%</b>	<b>92,0%</b>	<b>73,3%</b>
601	94.0	76.3	100	75,0	97,0	76,0
602	91.5	83.0	100	76,0	96,0	80,0
603	85.6	67.0	99,0	60,0	92.3	64,0
604	93.5	82.0	99,0	69,1	96,3	76,0
605	85.3	61.0	98,5	57,3	92,0	59,2
<b>VI</b>	<b>90.0 %</b>	<b>74.0 %</b>	<b>99,2%</b>	<b>67,5%</b>	<b>95,0%</b>	<b>71,0%</b>
<b>Total</b>	<b>87.0%</b>	<b>63.0 %</b>	<b>86,0%</b>	<b>62,4%</b>	<b>86,5%</b>	<b>63,0%</b>

- In the reporting year, the results of academic progress and midterms related to the winter and summer examination periods were presented to the academic council.
- ❖ In the 2023-2024 academic year, the overall academic progress in the Faculty of General Medicine during the winter examination period was 87.0%, and the qualitative progress was 63.0%. These figures showed a slight increase compared to the previous 2022-2023 academic year, where the overall progress was 83.0% and the qualitative progress was 58.0%.
- ❖ The number of academic debts during the winter examination period in the Faculty of General Medicine was... (Please provide the specific number if needed).
  - The number of academic debts during the winter examination period in the Faculty of General Medicine was 534 (unsatisfactory: 403, absent: 131), which shows a significant decrease compared to the previous academic year (690/339/351). Of these, 276 debts were cleared during the reexamination period.
  - In the 2023-2024 academic year, the overall academic progress in the Faculty of General Medicine during the summer examination period was 86.0%, and the qualitative progress was 62.4%. These figures are in the same range as the previous academic year.

The number of academic debts during the summer examination period was 471 (unsatisfactory: 263, absent: 208), of which 217 debts were cleared during the reexamination period.

**2023-2024 academic year**  
**Academic progress in the Faculty of General Medicine and Faculty of Dentistry**

Faculty	Winter examination period		Summer examination period		Annual academic progress	
	Overall progress .%	Qualitative progress .%	Overall progress .%	Qualitative progress .%	Overall progress .%	Qualitative progress .%
<b>General Medicine</b>	<b>87.0 %</b>	<b>63.0 %</b>	<b>86,0 %</b>	<b>62,4 %</b>	<b>86,5 %</b>	<b>63,0 %</b>
<b>Dentistry</b>	<b>93.2 %</b>	<b>68.3 %</b>	<b>96,0 %</b>	<b>72,3 %</b>	<b>94,5 %</b>	<b>70,4 %</b>
<b>Total</b>	<b>90,1 %</b>	<b>66,0 %</b>	<b>91,0 %</b>	<b>67,4 %</b>	<b>91,0 %</b>	<b>67,0 %</b>

Thus, the overall annual academic progress for both faculties in the 2023-2024 academic year was 91.0%, and the qualitative progress was 67.0%, showing a slight increase compared to the previous academic year (88.0% and 60.5%, respectively).

Table 5 presents the results of the I and II phases of reexaminations for both examination periods in the 2023-2024 academic year.

Table № 5

**The number of academic debts and their outcomes in the Faculty of General Medicine and Faculty of Dentistry.**

Faculty	Winter examination period		Summer examination period	
	Unsatisfactory / Absent.	Passed / Not Passed	Unsatisfactory / Absent	Passed / Not Passed.
<b>General Medicine</b>	<b>403/131</b>	<b>276/258</b>	<b>263/208</b>	<b>217/254</b>
<b>Dentistry</b>	<b>30/17/</b>	<b>27/20</b>	<b>16/8/</b>	<b>8 / 16</b>
<b>Total</b>	<b>433/148</b>	<b>303/278</b>	<b>279/216</b>	<b>225/270</b>

The analysis of the academic progress results of the Faculty of General Medicine and Faculty of Dentistry during the 2023-2024 academic year revealed that, similar to the previous year, the teaching outcomes in the courses "Human Anatomy," "Histology, Embryology, Cytology," "Normal Physiology," and "TopoDiagramic Anatomy" remain relatively low and need improvement.

In the 2023-2024 academic year, final certifications for the graduation courses in the specialties of "General Medicine" and "Dentistry" were organized continuously and through an integrated educational program, according to the schedule.

In the reporting year, the university had approximately 82 graduates:

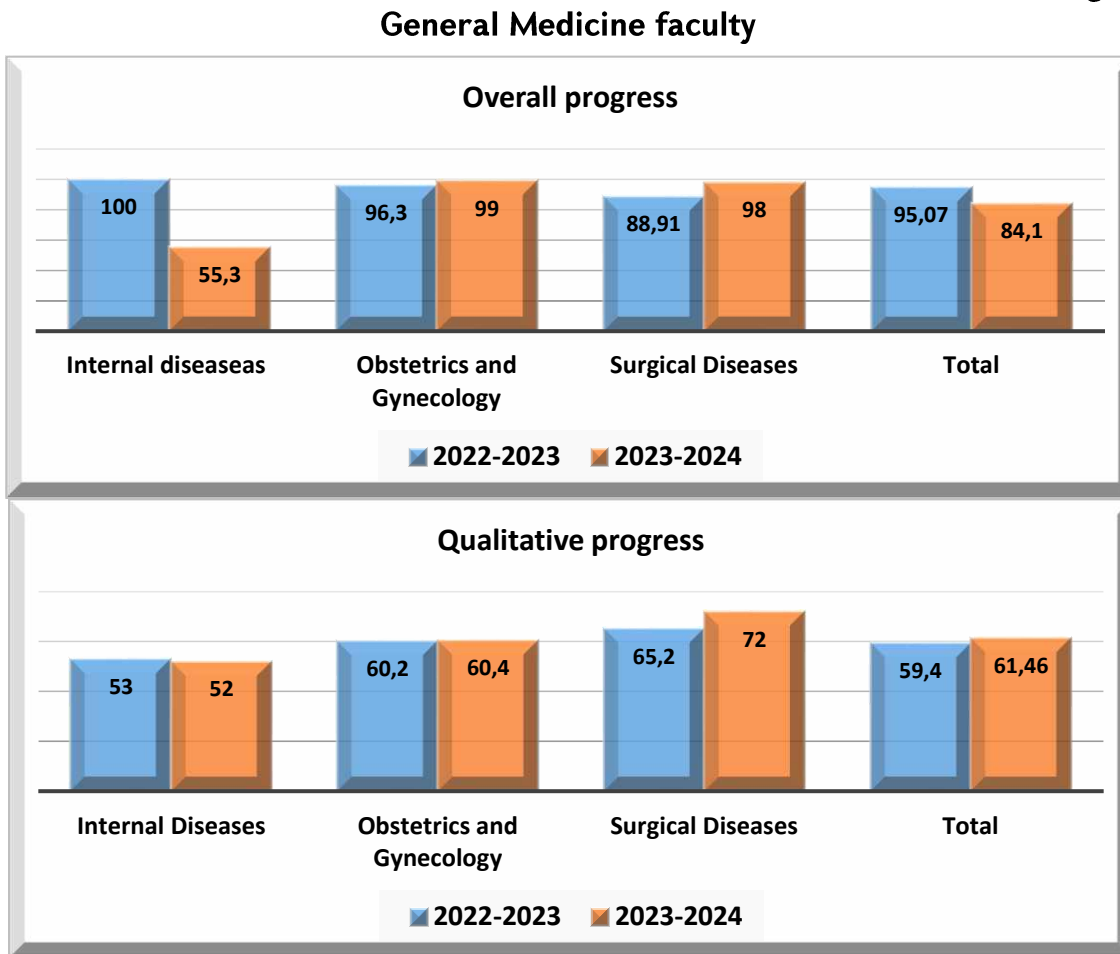
- ❖ General Medicine specialty: 77 + 2 graduates from the previous year,
- ❖ Dentistry specialty 3:

In the 2023-2024 academic year, 81 students were allowed to participate in the final certification for the "General Medicine" specialty. However, 77 students graduated, along with 2 students from the previous year.



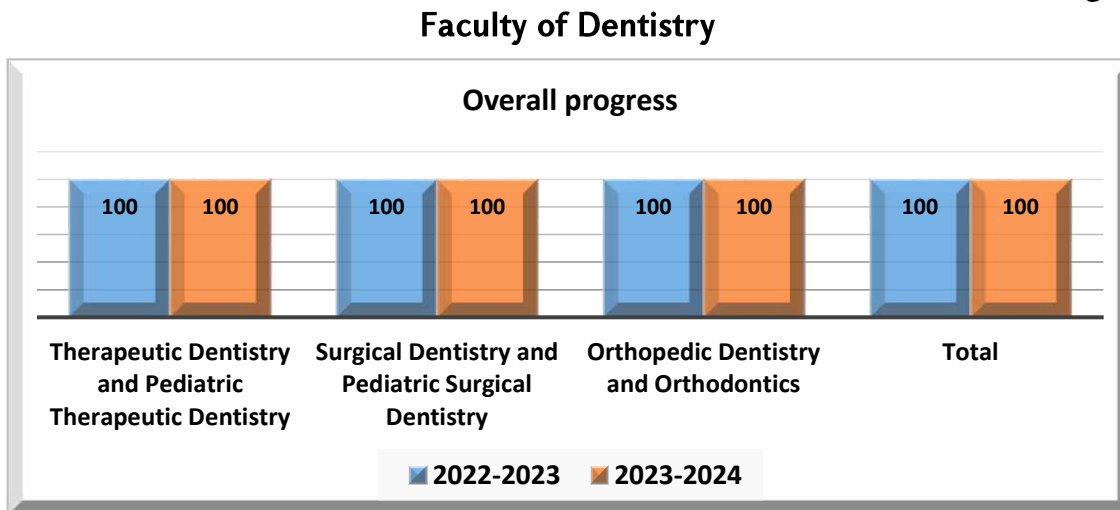
In Diagram 12, the comparative data of the final certification results for the graduation courses in the "General Medicine" specialty for the 2022-2023 and 2023-2024 academic years are presented.

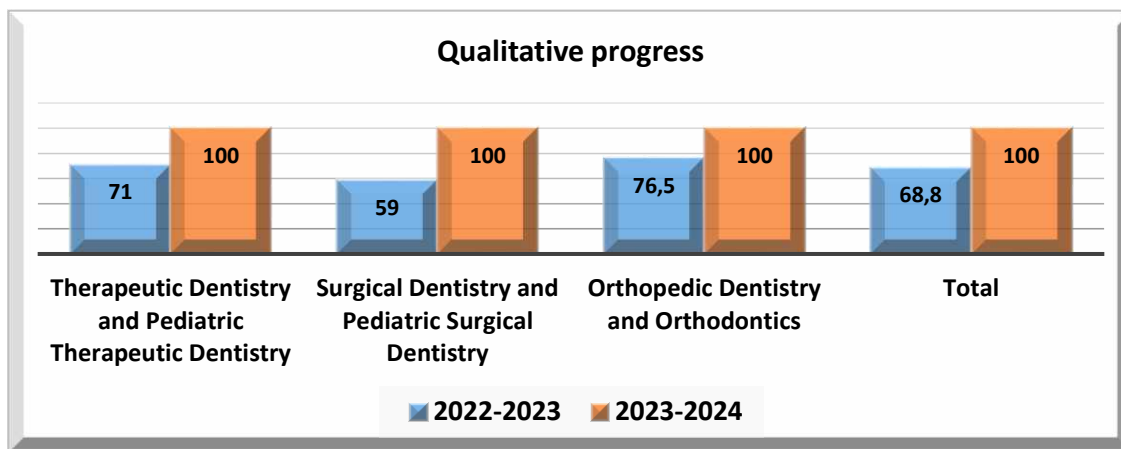
**Diagram № 12**



In Diagram 13, the comparative data of the final certification results for the graduation courses in the "Dentistry" specialty for the 2022-2023 and 2023-2024 academic years are presented.

**Diagram № 13**





In summary of the final certification progress results for the 2023-2024 academic year, it was noted that, overall, the committees were satisfied with the students' knowledge.

The qualitative academic progress in the final certifications of the Faculty of Medicine has shown a slight increase compared to the previous 2022-2023 academic year (59.4%), reaching 61.46%.

This academic year, similar to the previous one, the qualitative progress results were relatively high in the subjects "Obstetrics and Gynecology" (60.4%) and "Surgical Diseases" (72.0%).

Compared to the 2022-2023 academic year, the overall academic progress in the Faculty of Dentistry remained the same at 100%, while the qualitative progress has significantly increased to 100% (compared to 68.8% in the previous year). The results of the three exam subjects during the final certification were very high.

Table 4 presents the results of the final certifications for the graduation courses in the "General Medicine" and "Dentistry" specialties for the 2023-2024 academic year.

**Table № 6**

The comparative picture of the academic progress in the final certifications for the Faculty of General Medicine and Faculty of Dentistry.

N	Faculty	2022-2023		2023-2024	
		Overall progress %	Qualitative progress %	Overall progress.%	Qualitative progress %
1.	General Medicine	95,1 %	59,5 %	97.4 %	61.4 %
2.	Dentistry	100 %	69,0 %	100 %	100 %
<b>Total</b>		<b>97,6 %</b>	<b>64,3 %</b>	<b>98.7%</b>	<b>80.7%</b>

Thus, compared to the 2022-2023 academic year, the overall and qualitative academic progress in the final certifications for the Faculty of General Medicine and Faculty of Dentistry in the 2023-2024 academic year have relatively increased to 98.7% and 80.7%, respectively, compared to 97.6% / 64.3% in the previous year.

The internships planned for the 2023-2024 academic year according to the curricula of both faculties were carried out according to the approved schedules, and the students completed the term tests successfully.

Internships that serve as a difference for newly admitted/transferred students were also organized as part of the academic-production practice.

During the 2023-2024 academic year, a total of 60 students were admitted or transferred to different courses of the Faculty of General Medicine and Faculty of Dentistry from other medical universities and medical colleges (41 in Medicine, 19 in Dentistry). This group also includes students who transferred to the second year of the Faculty of General Medicine from the first-year graduates of the "Success Point" University in Dubai, who had no subject differences.

During the reporting year, the dean's office has actively participated in... (Please provide more details to complete the sentence).

- ❖ The university delegation's business trip to the Tbilisi Medical Academy of the Republic of Georgia from April 11-14, 2024. The main goal was to expand the university's international connections at the academic and programmatic levels, contribute to the internationalization of the educational process, exchange experiences, and, in consultation with the institutional accreditation expert group, study the teaching and assessment methods recommended by the World Federation for Medical Education (WFME), such as OSPE, OSCE, Bedside Teaching, CBL, and PBL, and apply them in Armenian medical universities.
- ❖ Participation in organizing sports and cultural events.
- ❖ Attending the university's student social evening, including a chess tournament.
- ❖ Visits to historical and cultural sites, including the Genocide Memorial.

## **12. THE EDUCATIONAL DEPARTMENT'S ACTIVITY**

In the 2023-2024 academic year, the university's educational department has carried out its activities in accordance with its work plan, as a result of which:

- The lists of students by courses and groups, academic registers, department scheduling, the scope of educational activities, calendar-thematic plans, consultation registers, and other forms have been compiled and prepared on time.
- The academic calendars for the 2023-2024 academic year for the two faculties, class schedules, timetables for mid-term exams, retakes, final exams, resolutions, and practical sessions have been prepared on time. All necessary documents, both in paper and electronic formats, have been provided to the academic departments (chairs).
- In the 2023-2024 academic year, a lease agreement was signed with the "Aregak" Dental Center. A new lecturer was invited from this center to teach the subjects "Surgical Dentistry" and "Oral and Maxillofacial Dentistry."

In the reporting year, based on the results of the entrance exams for foreign citizens organized at the university in accordance with the relevant letters from the Ministry of Education,

Science, Culture, and Sports of the Republic of Armenia, a total of 77 students were admitted to the first year, which is a decrease compared to the previous year. The majority of applicants are from the Republic of India. There were also applicants from Jordan, the Philippines, Syria, and Iran.

- During the 2023-2024 academic year, we also had 44 foreign students who transferred (were admitted) to different courses of the Faculty of General Medicine from other medical universities.
- In the 2023-2024 academic year, there was one group formed in the 2nd year of the Faculty of Dentistry, consisting of 19 Armenian students, who applied to continue their studies in the UTMA and presented diplomas from medical secondary vocational educational institutions with good and excellent academic performance. Unfortunately, the 2nd year of the Faculty of General Medicine was not formed in the 2023-2024 academic year.
- The lists of students for all courses in the Faculty of General Medicine and the Faculty of Dentistry have been compiled, along with the academic groups. As a result, there were 24 academic groups in the Faculty of General Medicine and 6 academic groups in the Faculty of Dentistry, of which 2 groups were of Armenian students, and the remaining groups were foreign students.
  - In the 2023-2024 academic year, new lecturers were invited to teach certain subjects:
    1. "Pharmacology," "Clinical Pharmacology" – Rosie Yeremyan
    2. "Biochemistry" – PhD, Nikolay Avtandilyan
    3. "Surgical Diseases" – Ara Tadevosyan
    4. "Obstetrics and Gynecology" – Haykuhi Agajanyan
    5. "Section Course," "Forensic Medicine" – Gor Sargsyan
- During both semesters of the reporting academic year, consultations were held in all courses together with the respective course advisor, dean, and the student council president. During these consultations, the academic progress of the courses, attendance, and other organizational issues were discussed.
- In collaboration with the Department of Foreign Relations, the printing of graduates' diplomas and their supplements was organized, and the management of the diploma distribution register was carried out.
- Due to the presence of 5 groups in the final VI year of the Faculty of General Medicine, in the 2023-2024 academic year, two heads were invited for the final certification exams of the graduating courses, in order to ensure efficiency and save time, with two separate streams.
- In the reporting year, the university graduated 82 students: 3 graduates from the "Dentistry" program under the continuous and integrated educational program, and 77+2

graduates from the "General Medicine" program under the continuous and integrated educational program.

With absolute excellence, 11 graduates from the "General Medicine" program completed their studies. Diplomas and their supplements were handed over to the graduates within the set deadlines.

In the 2023-2024 academic year, the university merged the "Surgical Subjects No. 1" and "Surgical Subjects No. 2" departments, resulting in a total of 7 departments, each staffed with the appropriate lecturers:

1)Humanitarian, 2)Natural Sciences, 3)Medical-Biological Sciences, 4)Therapeutic, 5)Surgical, 6)Social Medicine, 7)Dentistry subjects.

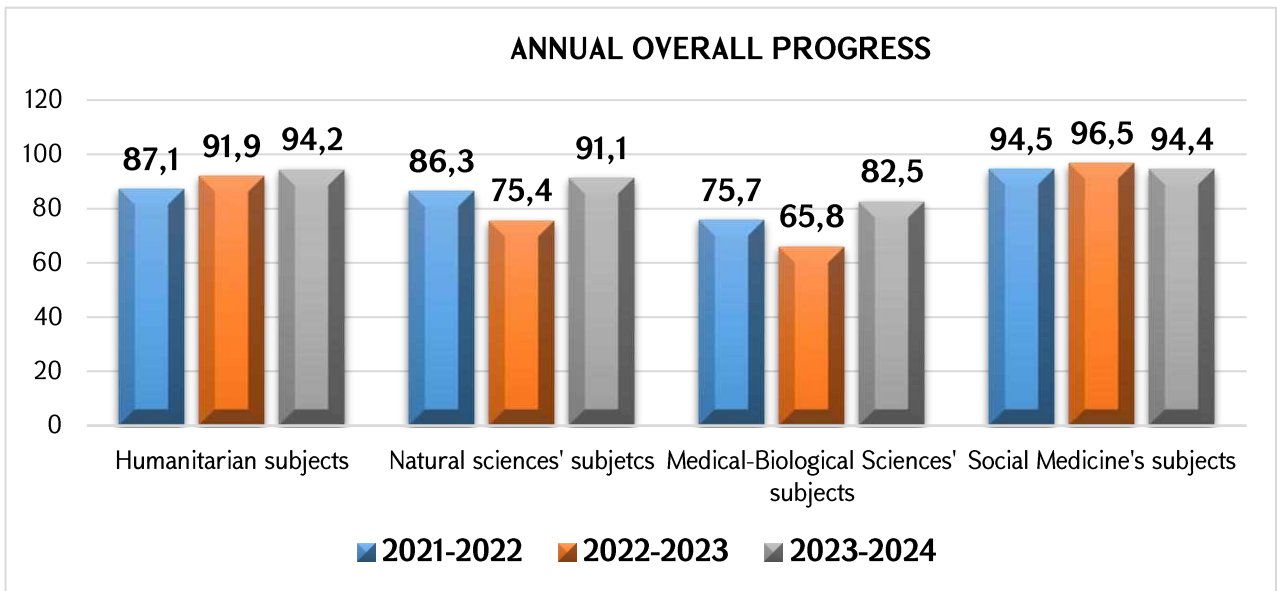
Over the course of the year, the overall academic progress of the departments was 91.7%, while the quality progress stood at 64.6%. The highest percentage of overall academic progress was recorded in the "Dentistry" department, while the lowest was in the "Medical-Biological Sciences" department. The highest percentage of quality progress was also in the "Dentistry" department, while the lowest was in the "Natural Sciences" department. The full breakdown is presented in Table 7.

**Table № 7**

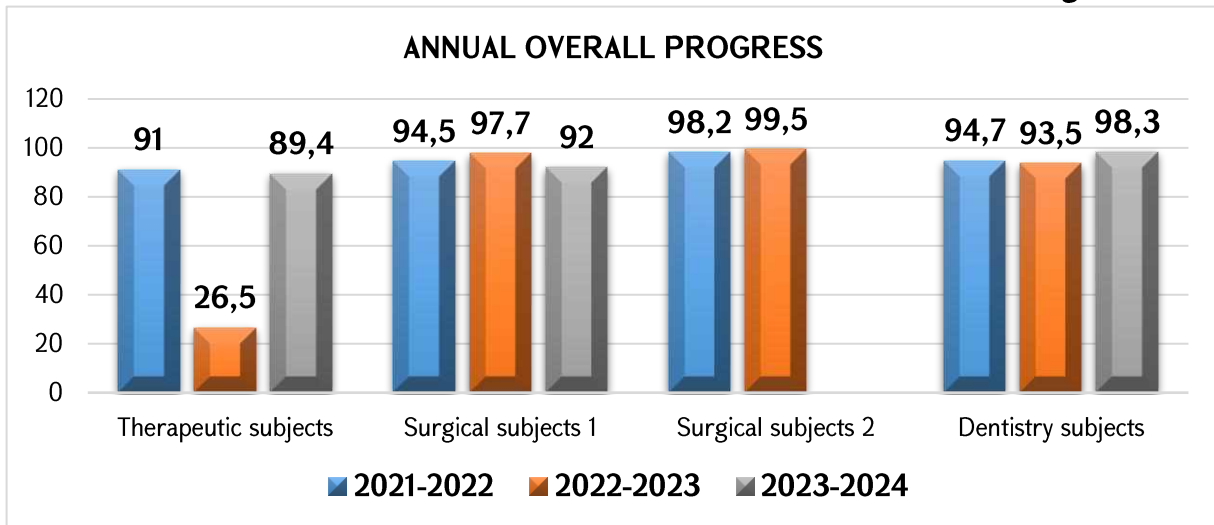
N	Department	Autumn Semester		Spring Semester		Annual Progress	
		General progress	Quality progress	General progress	Quality progress	General progress	Quality progress
1	Humanitarian subjects	94,75	68,88	91,2	74	94,2	58,79
2	Natural Sciences' subjects	90,6	52,5	91,6	62,8	91,1	57,6
3	Medical-Biological Sciences' subjects	82,9	57,2	79,5	52,9	82,5	58,2
4	Social Medicine's subjects	93,6	55,3	95,1	71,3	94,4	63,3
5	Therapeutic subjects	83,7	65,7	95,25	74,6	89,4	70,2
6	Surgical subjects	91,7	65,6	92,4	74	92	70
7	Dentistry subjects	98,35	75,9	98,3	71,9	98,3	73,9
<b>Total</b>		<b>90,8</b>	<b>63,0</b>	<b>92,0</b>	<b>68,8</b>	<b>91,7</b>	<b>64,6</b>

The comparative analytical data of the annual overall academic progress of the university's 8 departments, compared to the previous year, are presented in Diagrams 14 and 14.1.

**Diagram № 14**



**Diagram № 14.1**



According to Diagrams 14 and 14.1, which present the annual overall progress of 7 departments over the past 3 years, the following observations are made: The Department of Humanities improved its overall progress by 4%. The Departments of Natural Sciences and Medical-Biological Sciences have shown some progress, with an improvement of about 15%. The Department of Therapeutic Subjects experienced a significant improvement in the reporting year, with an increase of 62% compared to the previous year. The Department of Dentistry also saw a slight improvement, around 5%.

Diagrams 15 and 15.1 present the comparative analytical data of the annual quality progress of the university's 7 departments, compared to the previous 2 years.

Diagram № 15

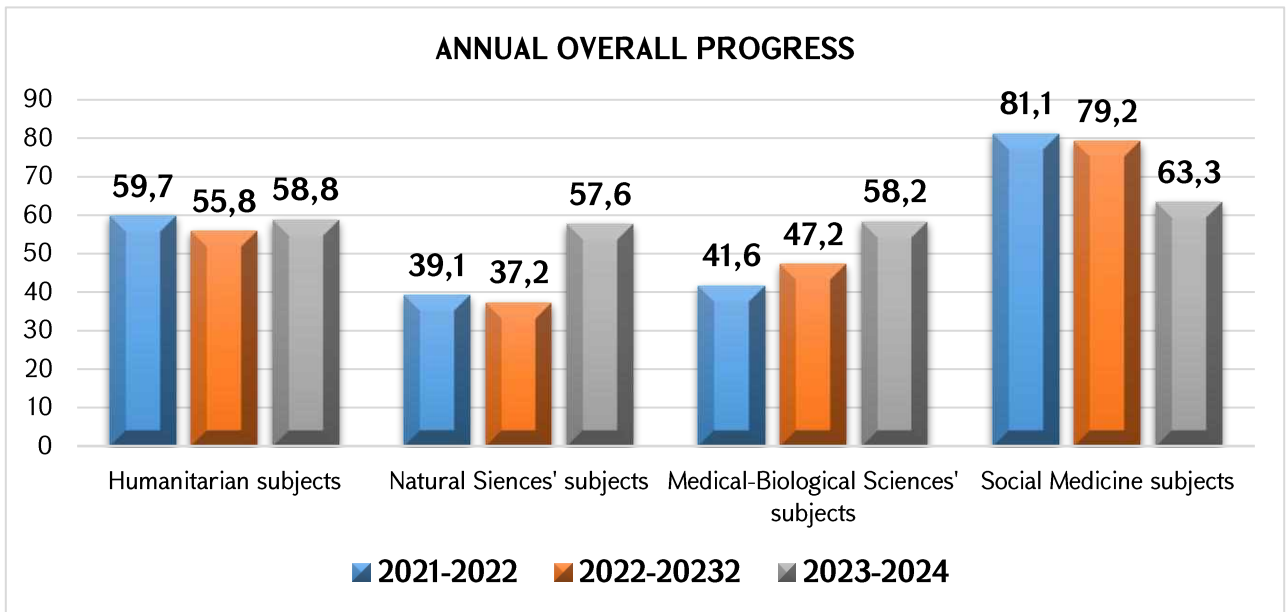
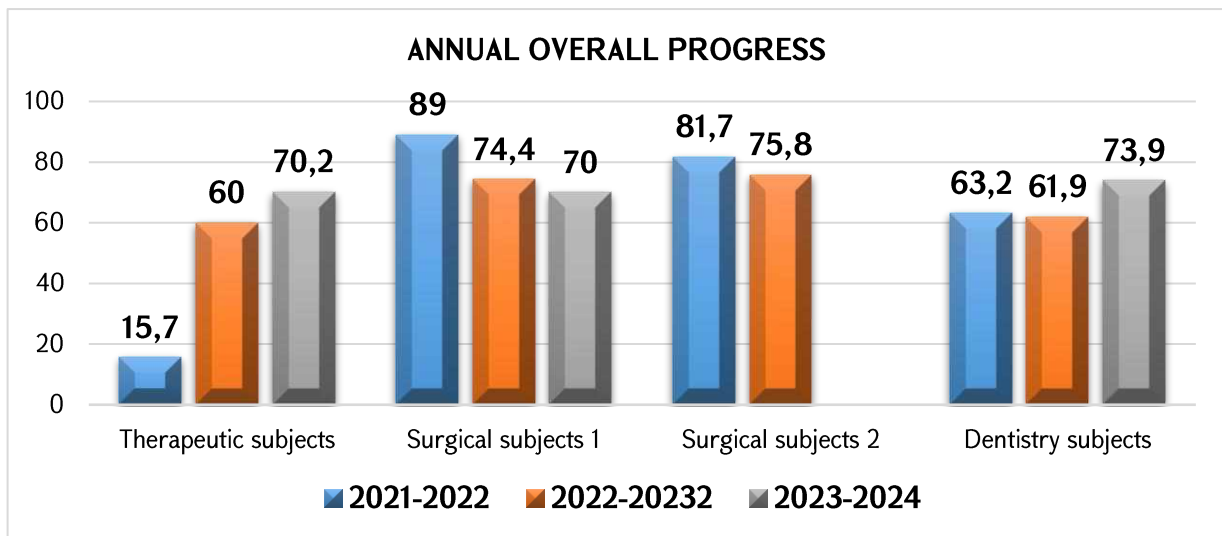


Diagram № 15.1



According to Diagrams 15 and 15.1, which show the annual quality progress of the 7 departments over the past 3 years, it is clear that in the Departments of Therapeutic, Dentistry, Natural Sciences, and Medical-Biological Sciences, there has been a certain improvement of about 10%. In contrast to the previous year, the Department of Social Medicine experienced a decline of about 6%.

Thus, based on the analysis of the annual reports submitted by the departments, this quality progress in the reporting year can be attributed to the significant influx of students in the second semester of the 2021-2022 academic year, which was carried out in accordance with the order of

the Minister of ESCS of the Republic of Armenia, due to the closure of St. Teresa Medical University.

### 2023-2024 academic year workload performance indicators

*Table № 8*

<b>N</b>	<b>Department</b>	<b>Plan</b>	<b>Performance</b>	<b>Deviation</b>
1.	Humanitarian subjects	1679	1524	-155
2.	Natural Sciences' subject	2651	2487	-164
3.	Medical-Biological Sciences' subjects	6483	6107	-376
4.	Therapeutic subjects	8442	8331	-111
5.	Surgical subjects	6650	6091	-559
6.	Social Medical subjects	2638	2576	-62
7.	Dentistry subjects	3721	3320	-401
<b>Total</b>		<b>32 264</b>	<b>30 436</b>	<b>-1828</b>

Throughout the year, the academic activities and operations of the university departments were monitored.

In the 2023-2024 academic year, the total volume of educational work for all 7 departments amounted to **37,882** hours at the beginning of the year, which decreased compared to the previous year.

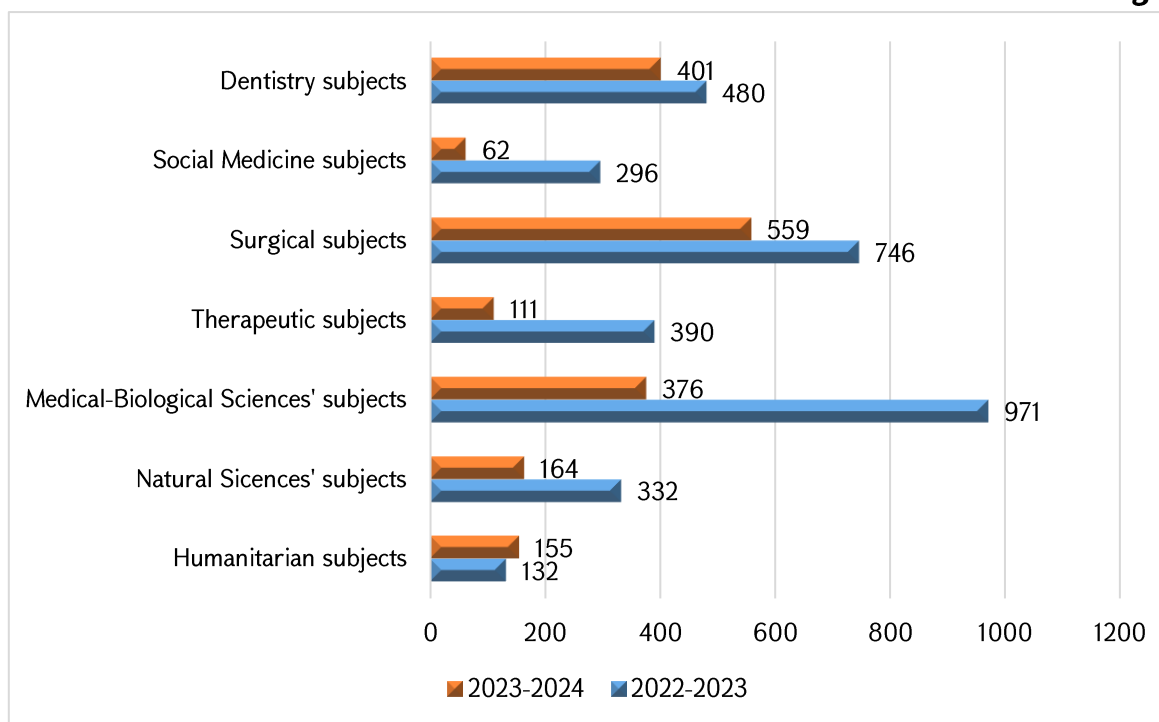
The calculations of the teaching staff's workload for the 2023-2024 academic year across the 7 departments were organized and verified, and the summary of these calculations is presented in Table 2.

In the 2023-2024 academic year, the planned total workload for the 7 departments was 32,264 hours. By the end of the year, according to the reported performance, a total of 30,436 hours were completed. In total, 1,828 hours of the planned workload were not fulfilled during the year.



## Comparative picture of the deviations in the performance indicators of the academic workload over 2 years

**Diagram № 16**



In contrast to the previous 2022-2023 academic year, only the Department of Social Medicine has 62 unfulfilled hours, which can be explained by non-working days throughout the year.

According to the performance reports provided by the departments, the worst performance was recorded in the Department of Surgical Subjects, with 559 unfulfilled hours.

As for the overall deviation of 1,828 hours of workload during the reporting year, these discrepancies can be attributed to the following reasons:

- The presence of holidays,
- Not all hours allocated for consultations were fulfilled,
- Incomplete execution of the planned educational and production internships, as some courses conducted their scheduled internships in their home countries.

Throughout the year, the educational department participated in the meetings of the chairs, rectorate, and academic council, in class observations, and various cultural events.

Thus, summarizing the performance of the academic department for the 2023-2024 academic year, it can be stated that all planned activities were fully and flawlessly carried out within the specified deadlines. The academic process at the university was organized according to the active academic plans, adjusted workloads, subject curricula, and calendar plans.

In the reporting year, the workload of the educational department also partially increased, which was related to the influx of students and the growth in the number of academic groups and lecturers. Due to the increase in the number of academic groups, and in order to organize

practical sessions in clinical subjects more effectively, the teaching staff was also expanded. Additionally, Armenian groups were formed in the 2nd year during the reporting year.

### 13. EDUCATIONAL PRACTICE

#### 1. Preparatory work of the departments and academic division for organizing the internship:

For the purpose of organizing and conducting the educational-production internship for the 2023-2024 academic year at UTMA, routine organizational work was carried out in collaboration with the heads of the academic division and clinical departments. Specifically, internship supervisors were appointed according to the subjects and courses, and a detailed internship schedule was created.

The clinical bases for conducting the internships have been selected according to the professional orientation, based on bilateral agreements signed with the university.

According to the regulations for organizing and conducting educational-production internships at UTMA and the submitted applications, 45% of students carried out their internships at non-university clinical bases of their choice (both within Armenia and abroad), after coordinating with the internship supervisor in advance.

Before the internships, meetings were organized with the internship supervisors and students. Information was provided regarding their rights and responsibilities, as well as the requirements for conducting the internship.

#### 2. The summarized information regarding the internship schedule is presented in the annexes 1 and 1.1 of the report by the person responsible for clinical work.

#### 3. Information on the implementation of internship programs: The educational-production internship for the 2023-2024 academic year at UTMA's Faculty of General Medicine and Faculty of Dentistry was organized and conducted in accordance with the schedule and internship programs approved by the rectorate. During the reporting period, the internships were conducted by 12 supervisors for various courses, and the reports submitted by them were summarized by the person responsible for clinical work.

❖ During the internships at **the Faculty of General Medicine**, students became familiar with the activities of preventive healthcare institutions, the rights and responsibilities of nurses, practical skills in carrying out nursing interventions, patient care specifics for different diseases, the rules for prescribing, receiving, storing, and distributing medications, and the implementation of nursing interventions according to medical prescriptions. They also gained skills in diagnosing emergency situations and providing first aid. The main principles of medical ethics and deontology were also discussed, focusing on nurse-patient and nurse-doctor relationships, with emphasis on the importance of the healthcare worker's appearance and moral character. The interns became familiar with preventive work conducted in healthcare institutions and acquired

skills in subcutaneous, intramuscular, and intravenous injections. During the internship, the interns participated in rounds, collected anamnesis data, developed diagnostic and treatment plans, and analyzed the results of laboratory and instrumental studies. The main goal of the internship was to reinforce, improve, and apply theoretical knowledge in practice, as well as to develop clinical thinking.

- ❖ During the internship at **the Faculty of Dentistry**, the interns became familiar with the structure and organization of work at a dental medical institution, including the work of the reception area, disinfection cabinet, and dental technical laboratory. They learned the rules for completing medical documentation and acquired practical skills in performing nursing interventions. Depending on the course, students became acquainted with the work of therapists-dentists, surgeons-dentists, and orthodontists-dentists. Their practical skills were reinforced, and they gained new ones.

Thus, the internship has contributed to reinforcing, improving, and applying the students' theoretical knowledge in clinical practice, as well as acquiring practical skills.

During the internship, we encountered the following issues:

- ✚ Communication difficulties for international students with healthcare facility staff and patients due to insufficient language proficiency. This issue has been highlighted by the instructors of the "Armenian Language" course, but noticeable improvements have not yet been observed.
- ✚ Monitoring of students completing internships abroad has been challenging, as communication with these students is only conducted via email. This issue has been partially addressed by requiring students to submit photos of their activities during the internship, and by designating days for the defense of their internships. On these days, students present their internships in the form of a slideshow.
- ✚ Large number of students in groups.
- ✚ Lack of simulation exercises and mannequins.

**4. Interns' work characteristics:** Summarizing the completed portfolios of the interns, there has been a noticeable increase in interest regarding the completion of the portfolio. This may be attributed to the implementation of the improved version of the portfolio, especially with the mandatory inclusion of photos from the internship site and the preparation of a slideshow for presenting the internship.

**Strengths** as identified by students:

- ✚ Acquisition of clinical knowledge,
- ✚ Development of skills in various medical interventions,
- ✚ Working with different specialists.

**Weaknesses:**

- ✚ Language barriers,
- ✚ Insufficient duration of the internship,

- ✚ Lack of mannequins and simulation exercises.

**Opportunities:**

- ✚ Self-improvement,
- ✚ Ongoing enhancement and consolidation of theoretical knowledge,
- ✚ Formation of clinical thinking and application of theoretical knowledge.

Overall, the expectations of the interns were rated as satisfactory.

**5. The evaluations of the internship are presented in Appendix 2, Appendix 2.1, and Appendix 2.2 of the report by the person responsible for clinical work.**

**6. The progress of the internship, expressed in percentages, is presented in Appendix 3 and Appendix 3.1 of the report by the person responsible for clinical work.**

**7. Strengths and weaknesses of the internship supervisors:**

- The internships were led by experienced professionals.
- The workload of the supervising doctors is high.
- They face difficulty completing the internship portfolios due to their busy schedules.
- Not all tasks in the portfolio can be completed.

**8. The internship supervisor's suggestions for improving the internship organization process are as follows:**

- ✚ Reduce the number of students in each group.
- ✚ From the 2023-2024 academic year, the management of the internship has been carried out with an updated portfolio:
  - In the "General Medicine 'Individual Work Diary'" section of the internship portfolio, columns and rows for attendance, ongoing, and final assessments have been added.
  - The evaluation scales in the portfolio have been simplified and placed at the end to facilitate grading by the instructor.
  - Students who complete their internship abroad are required to submit it in the form of a slideshow, aimed at increasing responsibility for the internship.

Based on the decision of the Rectorate of UTMA dated 08.05.2024, Protocol No. 24, the regular internship programs for the "Dentistry" and "General Medicine" specialties, for the 2nd to 5th-year students of the Dentistry Faculty and the General Medicine Faculty were organized and held during the periods of 11.01-24.01.2024 and 25.05-19.06.2024.

The regular internship programs for the "Stomatology" specialty were organized at UTMA SMTC and "Aregak" Medical Center as follows:

In the 2nd year, the "Nurse Assistant" internship was led by D. Ansari (Group 201 with 5 foreign students) and K. Sargsyan (Group 202 with 13 Armenian students). At the end of the internship, 21 students passed the final exam with the following results: in Group 201, 5 excellent grades; in Group 202, 3 excellent, 9 good, and 1 satisfactory grade.

In the 3rd year, the "Therapist-Stomatologist Assistant" internship was led by A. Zeynalyan (Group 301 with 5 foreign students) and L. Barseghyan (Group 302 with 4 Armenian students). At the end of the internship, all 9 students passed the final exam with excellent grades.

In the 4th year, the "Surgeon-Stomatologist Assistant" internship was led by H. Melkonyan. At the end of the internship, 3 students passed the final exam with the following results: 1 excellent, 1 good, and 1 satisfactory grade.

In the 4th year, the "Orthopedic-Stomatologist Assistant" internship was led by D. Ansari. At the end of the internship, 4 students passed the final exam with the following results: 3 excellent and 1 good grade.

In the final (5th) year, the "Pediatric Dentistry" clinical internship was scheduled from January 11, 2024, to January 24, 2024, including Saturdays. However, all 3 students from Group 501 completed the internship in their countries and submitted portfolios verifying this, all of which received excellent grades.

The clinical internships for the "General Medicine" specialization were organized as follows:

In the 2nd year, the "Nurse Assistant" internship was held at UTMA SMTC and Saint Gregory the Illuminator Hospital, under the supervision of the following instructors: Krasnikova A., Davidian M., Nalbandyan A., Arshakyan J., and Avetisyan K.

In the 3rd year, the "Manipulative Nurse Assistant" internship was conducted at UTMA SMTC and Saint Gregory the Illuminator Hospital, under the supervision of Davidian M. and Nurijanian A.

In the 4th year:

- The "Medical Assistant/Therapy" internship took place at UTMA SMTC and Saint Gregory the Illuminator Hospital, supervised by H. Hovhannisyan, K. Avetisyan, and J. Arshakyan.
- The "Medical Assistant/Surgery" internship was held at "Shengavit" Hospital, under the supervision of A. Tadevosyan.

In the 5th year: "Medical Assistant/Obstetrics and Gynecology" internship took place at Saint Gregory the Illuminator Hospital, supervised by T. Arshakyan and A. Asatryan. "Medical Assistant/Emergency Medical Aid" internship was conducted at "Emergency Medical Station No. 2" CJSC, under the supervision of Ohanian H. and Danielyan D.

In the 2023-2024 academic year, the clinical practice for the General Medicine specialization was also organized for students transferred from other universities, who had subject-related differences compared to the previous academic years' clinical practices.

Information on the completion of subject-related differences in the clinical practice:

1. Students from different courses of the "General Medicine" specialization have completed their subject-related differences in clinical practices as follows:

The "Nurse Assistant" practice took place from 06.04 to 27.04.2024 (on Saturdays) at the UTMA SMTC, supervised by E. Manukyan (7 students).

The "Manipulative Nurse Assistant" practice took place from 06.04 to 27.04.2024 (on Saturdays) at the UTMA SMTC, supervised by E. Manukyan (5 students).

The "Medical Assistant/Therapy" internship took place from June 20 to June 25, 2024, at St. Grigor Lusavorich Medical Center, supervised by M. Davidians (6 students).

The "Medical Assistant/Surgery" internship took place at St. Grigor Lusavorich Medical Center, supervised by H. Ohanyan (6 students). The internship was held in March and April of 2024, on the supervisor's duty days.

Thus, 57% of foreign students of the 2023-2024 academic year completed their academic-production internships at the following medical institutions of Armenia: "Shengavit" Medical Center, "St. Grigor Lusavorich" Medical Center, UTMA SMTC, "Emergency Medical Service Station №2" CJSC, "Aregak" Medical Center.

43% of foreign students completed their internships at various medical institutions based on their place of residence and submitted the relevant documents to confirm the educational component, including photos from the internship location. 8 students did not complete the internship.

According to the UTMA students' academic-production internship organization and implementation regulations, students who did not complete their internships are required to fulfill the internship, which is considered an academic obligation, by the end of the next academic year.

**Suggestions and recommendations for improving the internship organization process:**

- ✚ Improving the means of ensuring the connection between theoretical and practical knowledge during the internship, as well as fostering clinical thinking.
- ✚ Continuous preparation of students and lecturers for the effective conduct of the internship (familiarization with the internship regulations, completing the internship portfolio, etc.).
- ✚ Evaluating the effectiveness of the practical application of the refined internship portfolio.
- ✚ Conducting satisfaction surveys among students after each internship, analyzing the results, and discussing them in the relevant departments.
- ✚ Students who complete internships abroad must present them in the form of a slideshow, aimed at increasing their responsibility toward the internship.

## 14. FOREIGN RELATIONS' DEPARTMENT

The Department of Foreign Relations of the University of Traditional Medicine (hereinafter also the Department of Foreign Relations) is an infrastructure contributing to the internationalization of the university, which operates in accordance with the legislation of the Republic of Armenia, on the basis of the regulations of the Ministry of Foreign Affairs and the Department of Foreign Relations.

The work of the Department of Foreign Relations is carried out by the head of the department and the leading specialists of the department in cooperation with the rector and the departments of the university.

The main goal of the Department of Foreign Relations is to ensure cooperation between domestic and foreign educational institutions and scientific centers, to expand international cooperation, to promote student and faculty exchange programs, to strengthen permanent communication and development of cooperation between the university and other international structures, to attract students from other countries and to increase the geography of countries.

### **1. Admission and enrollment of the students of UTM.**

**1.1.** In May-June of 2023 preparation of admission documents and criteria for foreign applicants was carried out by the Department.

**1.2.** The personal applications and cases of the applicants were examined and submitted to the RA the Minister of Education, Science, Culture and Sports for examination within the terms set by the Minister of Education, Science, Culture and Sports of the Republic of Armenia:07.05.2021-15.10.2021 (letter N27/15.2/13738-2023, 01.06.2023).

**1.3.** Together with the head of the educational department and the Dean, the selection and decree of the composition of the admission committee for foreign applicants was made.

**1.4.** Until September 29, 2023, the registration of students was carried out based on the relevant instructions of the Minister of Education, Science and Sports of the Republic of Armenia.

**1.5.** In October, the results of admission of foreign students of the university were confirmed in cooperation with the head of the educational department and the Dean.

**1.6.** One of the main functions of the Foreign Relations Department is the process of organizing temporary residence cards for foreign students, for which the department cooperates with the Central Passport Department of the RA Passport and Visa Department. The work related to the residence cards was done in September-November 2023 and February-May 2024, after enrolling the students in the university and receiving the approval of the RA ESCS. The necessary documents were prepared by the department and submitted to the RA ESCS, as well as to the RA Passport and Visa Department. In 2023-2024 academic year, the temporary residence cards of students who are already students of UTM were also reformulated.

### **2. The process of foreign students' enrollment**

**2.1.** The Department of Foreign Relations cooperates with foreign organizations engaged in the involvement of students (Campus International, Study Medicine Europe, etc.).

**2.2.** Student recruitment was also done directly by the department on the basis of individual applications received from abroad. The involvement of students in the educational process of the university was carried out in accordance with the regulations developed by the Ministry of Education, Science, Culture and Sports of the Republic of Armenia, as well as the Ministry of Foreign Affairs of the Republic of Armenia.

**2.3.** The Foreign Relations' Department, being in constant contact with extra-university organizations (by e-mail, by phone, etc.), regularly informed them about the changes in the

admission procedure, as well as provided them with the necessary advice, information and support throughout the working year.

**2.4.** Applicants' applications have been submitted to the official email addresses of the university or the Department of Foreign Relations ([info@utm.am](mailto:info@utm.am), [tradmeduni@mail.ru](mailto:tradmeduni@mail.ru) ).

At the initial stage, the department verified the applicant's citizenship/passport data and availability of secondary/higher education certificate/other certificates, presented the services, advantages and opportunities offered by the university.

**2.5.** The student recruitment process was carried out throughout the year.

**2.6.** The Department of Foreign Relations worked with the RA Ministry of Foreign Affairs to issue an entry permit to foreign citizens, made inquiries and received clarifications.

**3.** During the year, the Head of the Foreign Relations' Department, as necessary, prepared and submitted reports to the RA Ministry of Education, Science and Technology, the Ministry of Foreign Affairs, etc. Upon the instruction of the Vice-Rector for Quality Assurance and Educational Reforms, the Head of the Foreign Relations' Department prepared the "Report, Summary of the Current Status of Existing Contracts" (13.05.2024) and the "Analysis of the Criteria of Foreign Relations' Department of the Current SDP of the University of Traditional Medicine" (15.05.2024), which is kept in the daily records of the department.

**4.** The Department of Foreign Relations, together with all departments, participated in the work with students, acting as a coordinating link between students and university departments. During the year, together with the dean, the Head of the Educational Department, and the professors, meetings were held with students regarding disciplinary, academic progress and other issues. The department supported foreign students in educational as well as in legal, daily and other matters, creating the most favorable conditions for students. Throughout the year, active contact was maintained with students and their parents through social networks, electronic communication and telephone communication, and their questions were promptly resolved and an operative solution was given to their problem. The department also collaborated with the departments of the university on issues related to student attendance and progress.

**5.** Summing up the admission results, it should be noted that compared to the 2022-2023 academic year, a decrease in the number of applicants was observed in the 2023-2024 academic year.

Diagram 16 below presents the admission results of students for the 2023-2024 academic year compared to the 2022-2023 and 2021-2022 academic years.



Diagram №16

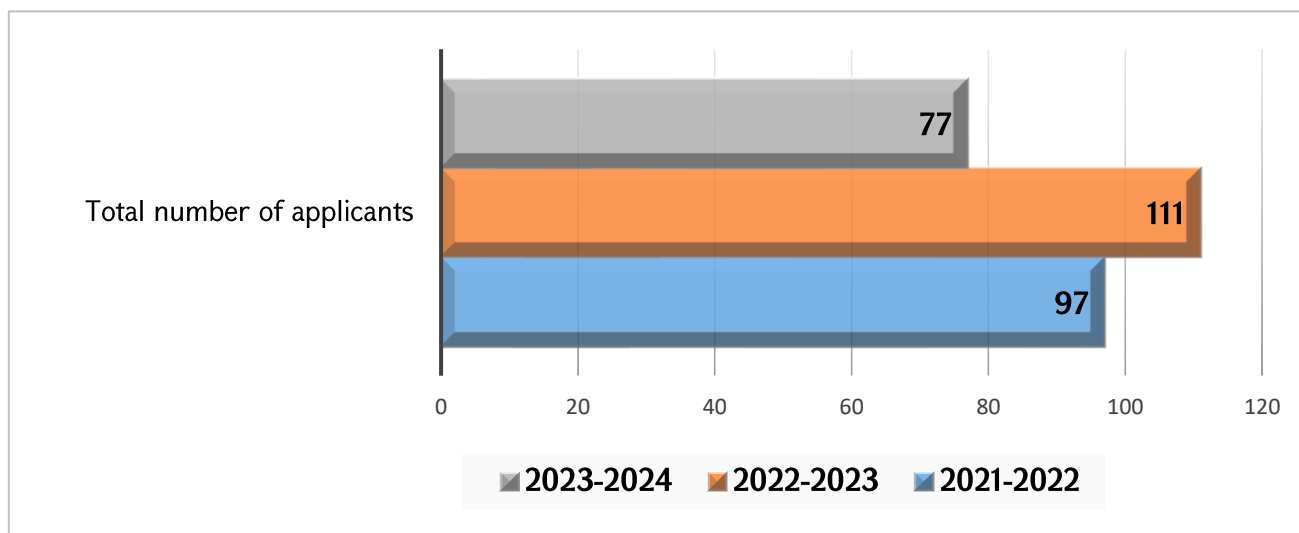
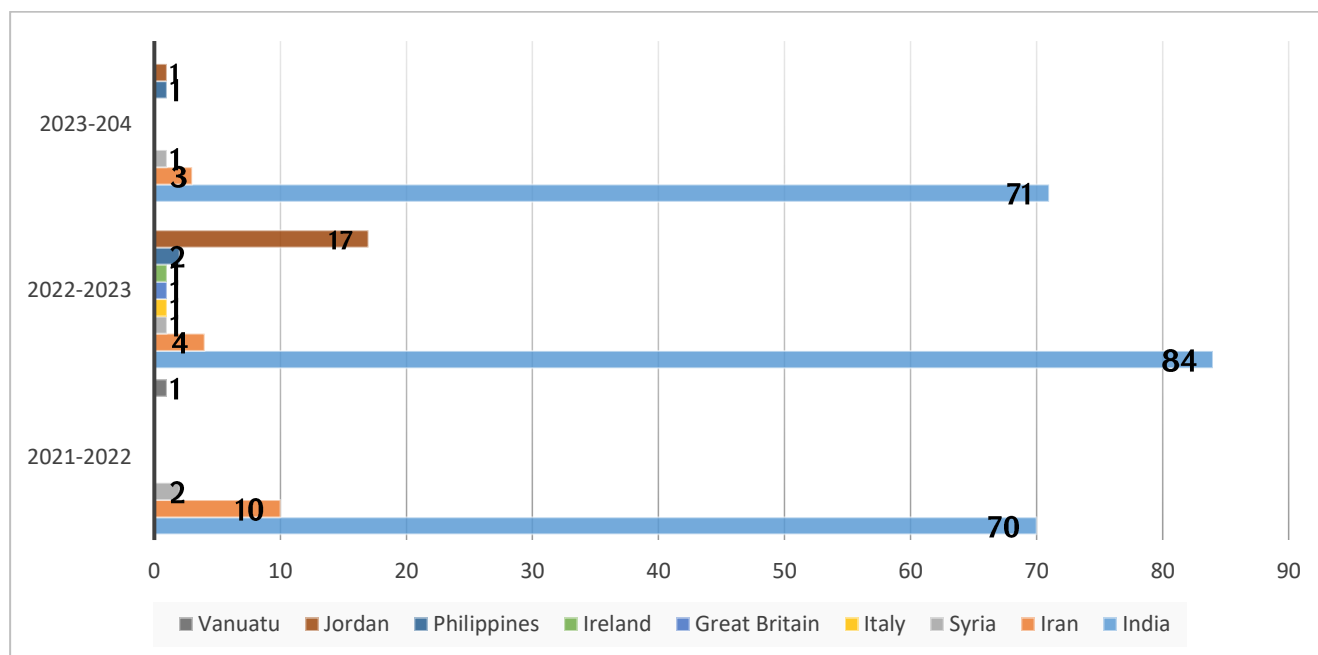


Diagram №17

Diagram 17 presents the results of student admissions for the 2021-2022, 2022-2023, and 2023-2024 academic years by country.



- ✚ In the fall semester of the 2023-2024 academic year, 38 foreign students transferred to the University of Traditional Medicine:
  - Faculty of Medicine II year: 24 (India: 20, Philippines: 2, Egypt: 1, Bangladesh: 1)

✚ 20 Indian students transferred to the University of Traditional Medicine in the spring semester of the 2023-2024 academic year:

- General Medicine II year' 1
- General Medicine III year' 5
- General Medicine IV year' 4
- General Medicine V year' 10

Let's present the total number of foreign and Diaspora Armenian students admitted and decreed to the first year of "General Medicine" and "Dentistry" specialties, as well as the total number of foreign and Diaspora Armenian students transferred to the corresponding course at the beginning of 2023-2024 academic year, according to countries and gender.

### Faculty of General Medicine

**Table № 9**

Year	Total	Country
I	73	India-70; Jordan-1; Philippines-1; Syria-1
II	111	India-95; Jordan-7; Philippines-3; Egypt-1; Bangladesh-1; Syria-1; Italy-1; Great Britain-1; Ireland-1
III	74	India-65; Jordan -8; Iran-1
IV	64	India-59; Great Britain-2; Sweden-1; Iraq-1; Sri Lanka-1
V	109	India-101; Jordan -5; Philippines-2; Great Britain-1
VI	82	India-58; Great Britain-12; Iraq-3; Jordan-2; Ghana-1; Ireland-2; Iran-1; Sri Lanka-1; Sweden-1; Egypt-1
<b>Total</b>	<b>513</b>	India-448; Jordan-23; Iraq-4; Great Britain-16; Iran-2; Sweden-2; Ireland-3; Philippines-6; Sri Lanka-2; Italy-1; Syria-2; Ghana-1; Egypt-2; Bangladesh-1

### Faculty of Dentistry

**Table № 10**

Year	Total	Country
I	4	Iran-3; Jordan-1
II	13	Iran-4; Jordan-9
III	9	Iran-3; Jordan-5; Vanuatu-1
IV	10	Jordan-6; Iraq-1; Iran-1; India-2
V	3	Iraq-1; Iran-1; Jordan-1
<b>Total</b>	<b>39</b>	Iraq-2; Iran-12; Jordan-22; India-2 Vanuatu-1

## Faculties of General Medicine and Dentistry

**Table № 11**

<b>N</b>	<b>Country</b>	<b>Number</b>
1.	India	450
2.	Iraq	6
3.	Great Britain	16
4.	Jordan	45
5.	Iran	14
6.	Philippines	6
7.	Ireland	3
8.	Sweden	2
9.	Sri Lanka	2
10.	Italy	1
11.	Egypt	2
12.	Vanuatu	1
13.	Bangladesh	1
14.	Syria	2
15.	Ghana	1
<b>Total</b>		<b>552</b>

6. In October-November 2023, the department, together with the Vice-Rector for Academic Affairs Arsen Minasyan, actively participated in the process of recognition of the Primary Medical Qualification of the University of Traditional Medicine by the General Medicine Council of the United Kingdom. Having submitted all the necessary and requested documents, the General Medicine Council of the United Kingdom recognized the Primary Medical Qualification (PMQ) of the University of Traditional Medicine as meeting GMC standards. This means that any doctor with a primary medical qualification from the UTM can apply to take part in the PLAB test and have GMC registration number. This is a great achievement for the university, as it will contribute to the growth of applicants and the expansion of geographical scope.

7. This is a great achievement for the university, as it will contribute to the growth of applicants and the expansion of geographical scope. The event was organized by “Campus International” company. The department also actively participated in organizational matters. The event was attended by the management and employees of the university, employees of the “Campus International” center, Aditya Kumar Pandey, the second secretary of the Embassy of India in RA, other distinguished representatives of India and students of different nationalities of the university. Anahit Karapetyan, dean of the University of Traditional Medicine, gave a welcome speech at the opening ceremony thanking Head of “Campus International” center Ashok Karuvarathodi and the employees of the center for initiating and organizing the event. During the party, students of different nationalities presented their national dance, song and music,

contributing to the unification of students of different nationalities, deepening of friendly and friendship relations.

**8.** The National Information Center for Academic Recognition and Mobility (ENIC Armenia) organized a conference-training on "Equipped with competencies for education stakeholders to detect and combat fraud /DETECT" on 31.10.2023 under the auspices of the Council of Europe (CoE). The conference-training was attended by Ani Sargsyan, Head of the Foreign Relations' Department and Heghine Gyulnazaryan, Leading Specialist of the Department.

**9.** On the initiative of the Student Council of UTMA and with the support of the Yerevan Avan Chess Sports School, an intra-university chess tournament was held at the University of Traditional Medicine on the 14th of October, in which 24 Armenian and foreign students of the university participated.

The tournament took place in an interesting and intense atmosphere, as a result of which the best chess players of the University were recognized:

✓ 1st place: Erfan Aghaei /Faculty of Dentistry, 4th year/

✓ 2nd place: Kabilan Manivel /Faculty of General Medicine, 2nd year/,

✓ 3rd place: Yazan Bilal Abbass Alkhatib /Faculty of Dentistry, 3rd year/.

Davit Hunanyan, who is the director of Avan Children and Youth Chess School, member of the Yerevan Chess Federation, FIDE master of sports of chess, gave medals, certificates and gifts to the students who took the 3 best places in the chess tournament.

**10.** Many of the Indian graduates of UTM have successfully passed the FMGE exam in India, which is a great pride for the university.

**11.** On January 17, Aditya Kumar Pandey, the second secretary of the Embassy of India in Armenia and Georgia, paid an official visit to the University of Traditional Medicine.

The purpose of the visit was to get acquainted with the academic environment of the educational institution, to meet the management and students of the university, as well as the university's partner Campus International company.

The honorable secretary had interactive discussions with the students. Aditya Kumar Pandey also welcomed the first-year Indian students within the framework of the official visit and wished them success in the field of study.

**12.** On 18.02.2024, for the purpose of bilateral cooperation, representatives of the St. Francis World School of India, Ajit Kumar Vasudevan Nair and Smita Jos, visited the University of Traditional Medicine. The purpose of the meeting was to develop joint educational and cultural programs, organize mutual visits for the professional orientation and involvement of applicants, provide professional advice, etc. Within the framework of the visit, the guests got acquainted with the educational programs of the University of Traditional Medicine, the admission regulations, and the educational environment of the university.

**13.** On 26.04.2024, the Ambassador Extraordinary and Plenipotentiary of the Republic of India to the Republic of Armenia, Nilakshi Saha Sinha, was hosted on an official visit at the University of Traditional Medicine. The purpose of the visit was to get acquainted with the academic environment of the university, meet with the university's management and students. First, all the students present introduced themselves one by one, and then answered the

questions of concern to the ambassador. The meeting took place in a warm, friendly and direct atmosphere.

14. According to the information provided by the Ministry of Foreign Affairs, the Education USA Global Showcase was held in Washington on July 31, 2024, organized by the US Department of State, during which the participating countries had the opportunity to organize a demonstration of programs provided to foreign students by their countries' higher education and educational institutions in the pavilions provided to them. In order to ensure proper participation in the exhibition, the University of Traditional Medicine provided the Committee on Higher Education and Science with information booklets and brochures about the institution.

15. The “Erasmus+ Projects Launch Day 2024” event, organized in cooperation with the Erasmus+ National Office in Armenia, was held at the Ministry of Education, Science, Culture and Sports of the Republic of Armenia on 20.06.2024. The event was attended by Ani Sargsyan, Head of the Foreign Relations' Department of UTM, and Heghine Gyulnazaryan, Leading Specialist of the Foreign Relations' Department. The aim of the event was to present the main objectives and expected results of the projects implemented by universities and VET institutions that received grants as a result of the last Erasmus+ program, the 2023 competition, and to hold discussions aimed at identifying the implementation of these projects, challenges in the sector, and ways to solve them. Representatives of higher and secondary vocational educational institutions, policymakers in the field of education, non-governmental organizations, representatives of the business sector, and other interested parties.

16. On 08.07.2024, the solemn ceremony of the oath and awarding of diplomas to the graduates of the 2023-2024 academic year of the Medical and Dental Faculties of the Armenian Medical University took place. At the beginning of the event, the Dean of the Armenian Medical University Anahit Karapetyan, the Head of the Department of Foreign Relations of the Armenian Medical University Ani Sargsyan, lecturers-course leaders Nina Khlgatyan, Naira Hunanyan addressed greetings and congratulations to the graduates. The seniors of the graduating classes also delivered their speeches of gratitude. The event was attended by the Armenian Medical University employees, representatives of various embassies, parents of students, relatives.

## **15. SCIENTIFIC MEDICAL TRAINING CENTER**

There are four types of medical care and services at the SMTC: general medical practice, dentistry, dental technology, and reflexotherapy.

The total number of employees is 14, of which 9 are doctors: 1 homeopath, 4 reflexologists, 1 gastroenterologist, 3 dentists. The average medical staff includes: 2 nurses, 1 orderly, 1 dental technician.

The center provides practical training and medical services according to specialties, as well as scientific work in the field of traditional medicine.

- Patient analysis is performed with the participation of students, a treatment plan and integrative treatment are developed.
- Therapeutic procedures are performed, the technique and safety rules are introduced.

- Acupuncture therapy, multi-needle exposure, therapeutic massage are performed, acupuncture therapy is combined with phytotherapy and pharmacotherapy.

In 2023, 167 patients underwent treatment, and 138 in the dental office.

In addition to patient care, the dental department conducts practical training and educational internships, during which students acquire relevant skills and abilities.

Some of the foreign students, upon their request, conducted their internships at the University's Department of Pediatric Dentistry, which were conducted by our lecturers. The internships for "Nursing Assistant" (2nd year), "Assistant Dentist-Therapist" (3rd year), "Assistant Dentist-Surgeon" (4th year), "Assistant Dentist-Orthopedician" (4th year), and "Assistant Pediatric Dentist" (5th year) were conducted at the SMTC.

Within the scope of the subjects "Propaedeutics of Therapeutic Dentistry" and "Prevention of Dental Diseases", students studied the furnishing of dental offices, dental instruments, disinfection of dental instruments, their types, autoclaves, deontology and ergonomics in dentistry.

In the spring semester of the 2023-2024 academic year, the "Nurse Assistant" /II year/, "Stomatologist-Therapist Assistant" /III year/, "Stomatologist-Orthopedic Assistant" /IV year/ and "Stomatologist-Surgeon Assistant" internships were also held at the SMTC according to the schedule.

They studied the characteristics of childhood dentition (milk, mixed, permanent), the prevention and treatment of caries in childhood, and the characteristics of the removal of milk teeth.

## **16. LIBRARY**

The improvement and expansion of library services continued in the 2023-2024 academic year. The flow of students to the reading room was also active this academic year /number of student visits: 885/.

Book visits have also increased, and many library cards have been opened.

In the reporting academic year, UTM signed a memorandum of cooperation with the "National Institute of Healthcare named after Academician S. Avdalbekyan" of the Ministry of Health of the Republic of Armenia. According to the memorandum, UTM students can use the NIH library, reading room, computer center of the scientific-medical library, and electronic medical databases. The text of the "Obligation" for students wishing to use the NIH library has also been drawn up, by which the student undertakes not to damage the property of the NIH library.

In order to inform students, information about the collaboration was posted in Armenian and English on UTM social media platform and official website.

This academic year was also marked by the extension of the membership term of UTM Library with the Armenian Digital Libraries Association (ADLA). The two organizations will cooperate until 2025.

Within the framework of cooperation with the latter, agreements have been signed for the use of a number of international electronic databases.

According to a report by the "Association of Digital Libraries of Armenia", the number of UTM students accessing online libraries has increased.

On 14.11.2023, the "Association of Digital Libraries of Armenia" submitted a report to UTM on our students' attendance rate, the picture of which is as follows:

We have received a number of proposals from the "Association of Digital Libraries of Armenia", including an invitation to a webinar held on 16.11.2023 within the framework of the 16th Berlin Conference on Public Access. One of the most important topics of the webinar was the protection of authors' rights when publishing articles in public repositories.

During the webinar, they also discussed issues related to agreements, including how to prevent abuse by publishers. Options for helping to preserve all rights of authors were discussed.

INSTITUTION	2021	2022
American University of Armenia	12758	11442
Yerevan State University	0	978
Dilijan International School of Armenia Foundation	653	961
Armenian-Russian University	7	957
Armenian State University of Economics	150	951
Yerevan Brusov State University	6	839
National Library of Armenia	47	779
Eurasia International University	0	555
Armenian National Lyceum after Anania Shirakatsy	32	272
University of Traditional Medicine	0	220
Shirak State University named after M.Nalbandyan Foundation	2	169
Khachatour Abovyan Armenian State Pedagogical University	0	165
Northern University LLC	2	82
City Central Isahakyan Library	2	61
Armenian State Institute of Physical Culture and Sport	33	19

The aforementioned information was also translated into English, then posted in a bilingual version on the website and Facebook.

The librarian has attended 2 events this academic year. On 14.12.2023, the librarian participated in the seminar on "Open Science" organized by the "Association of Digital Libraries of Armenia". Among the topics discussed were the public accessibility of electronic databases, the importance of national policy, and the need for legislative regulation. The librarian participated in a seminar held at the National Library on 15.04.2024. Topic: EBSCO search on the National Library website.

The UTM Library has received an offer from the "Association of Digital Libraries of Armenia" to publish an article in the prestigious journal "Science".

The university has decided on the candidacy of Naira Hunanyan, whose contacts have been sent to the corresponding email address.

In the 2023-2024 academic year, the library has been replenished with e-books and new lectures.

In addition, a number of books were donated to the UTM library.

Vahe Mkrtychyan, an employee of SMTC, donated 8 medical books to the Armenian Medical University. Anahit Karapetyan, Dean of the Armenian Medical University, also donated 44 books to the university. Donation deeds were drawn up for both donations.

As every year, this year too, new books have been completed and the books have been registered in the appropriate book registers. New e-books have also been placed in the appropriate folders created for the subject.

All books, both electronic and hard-copy, are listed in separate electronic lists.

## **17. UTM WEBSITE**

During the 2023-2024 academic year, work was carried out on the official website of the University of Traditional Medicine in several directions: content changes, updates and additions to information, regulations and other documents. Informational materials were also prepared and posted.

This academic year is distinguished by the development and implementation of a very important document - the "PR Strategy" of the University of Traditional Medicine. When compiling it, special attention was paid to the use of a full range of PR tools /advertising and information, advertising, social, marketing means, actions, communications that are used to influence the subject of PR activity/.

### **Updates and logins**

During the 2023-2024 academic year, the composition of the Scientific, Student and Student Scientific Society, the reports and work plans of the Student and Scientific Student Councils, as well as the work plans and reports of other departments of the ABU, the activity reports of the Academic Year, statutes, regulations, monitoring, analyses, specifications and a number of other documents were added. All additions were made in two languages: Armenian and English.

### **Informational materials**

Numerous informational materials have been compiled and posted on the website in the "News and Events" and "Announcements" sections. Informational materials posted on the website and Facebook page (including announcements) have been separated into separate folders with their photos. The work done in each year is included in a folder titled with the corresponding year.

### **Facebook**

During the 2023-2024 academic year, the official Facebook page of the University of Traditional Medicine was also active. All posts were made exclusively bilingually, in Armenian and English. According to statistical data, the number of views, reach, number of likes, and distribution among users of posts increased.

## **18. STUDENT COUNCIL**

The UTM Student Council has carried out sufficient work during the reporting period in accordance with its Diagramer and work plan in 2023-2024 academic year. All sessions have been recorded



The SC provided students with required information in the course of 2023-2024 academic year. Students were informed about their rights and responsibilities, as well as familiarized themselves with educational process organization, learning assessment results documents, etc.

There are several mechanisms for highlighting educational needs of UTM students: discussions and surveys organized with lecturers, the Dean, and the educational department. Due to the work of consultants, educational process organization, knowledge assessment system, awareness of one's rights and other issues are revealed.

Students have the opportunity to discuss their problems and issues with the Rector, specialists of the Foreign Relations Department, and the Head of Scientific Department.

In reporting year, a change was made in SC structure. i.e. SC selection, establishment of new unit.

The SC includes the president, vice president, sports and cultural leaders, secretary and 4 members.

Students also took part in online surveys conducted in order to organize educational process more effectively, besides, graduates participated in a survey regarding satisfaction with the education received. The SC participated in these activities by providing necessary quantity of students' participation and encouraging them.

The president and vice-president of the SC, as university's Scientific Council members, participated in SC sessions.

The SC participated in management consultations performed in courses related to insufficient progress, academic debts, undue absences, dismissal of students, tuition fees and, when necessary, made recommendations.

Ensuring students' mobility is key indicator of quality assurance of educational programs of the university.

### **UTMA proudly presents its inaugural TEDxUTMA event 2023**

"Integrative Approach on Health": this was the theme of the event of TEDxUTMA held at the University of Traditional Medicine. It comprehensively covered a wide variety of health-related aspects, from psychology and toxicology to tissue engineering and orthopaedics, from science and medical education to clinical practice. The speakers invited to the event were: the director of the L.A.Orbeli Institute of Physiology NAS RA, prof. N. Ayzvazyan; clinical psychologist, lecturer, Dr. M. Naghdalyan; adjunct-assistant professor of the George Washington University Z. Karabekian; head of the Department of Orthopaedics and Traumatology of the NIH Armenia, founder of Gyumri Orthopedic School Dr. N. Zakharyan. In correspondence to the format, the event was meant to share "ideas worth spreading". In that context, it provided UTMA students and professionals, as well as invited guests, with an opportunity to acquire new knowledge, establish new connections and exchange innovative ideas. The TEDxUTMA event was organized as per the official TEDx event license (issued on December 4, valid for 1 year, event type: University, licensee: V.Grigoryan).

## **An intra-university chess tournament was held at the University of Traditional Medicine**

On the initiative of the Student Council of UTMA and with the support of the Yerevan Avan Chess Sports School, an intra-university chess tournament was held at the University of Traditional Medicine on the 14th of October, in which 24 Armenian and foreign students of the university participated. The tournament took place in an interesting and intense atmosphere, as a result of which the best chess players of the University were recognized:

1st place: Erfan Aghaei /Faculty of Dentistry, 4th year/

2nd place: Kabilan Manivel /Faculty of General Medicine, 2nd year/,

3rd place: Yazan Bilal Abbass Alkhatib /Faculty of Dentistry, 3rd year/.

Davit Hunanyan, who is the director of Avan Children and Youth Chess School, member of the Yerevan Chess Federation, FIDE master of sports of chess, gave medals, certificates and gifts to the students who took the 3 best places in the chess tournament. Davit Hunanyan congratulated the winners, wishing them new victories in the upcoming interuniversity tournaments. The tournament was held in accordance with international standards: competitors were selected by a special computer program ([www.chess-results.com](http://www.chess-results.com)), which could be followed by parents and relatives of students from different corners of the world.

## **The student scientific seminar was held at the University of Traditional Medicine under the title "Access to Diabetes Care"**

November 14 is the World Diabetes Day. On this occasion, a student scientific seminar was held at the University of Traditional Medicine under the title "Access to Diabetes Care". The seminar was organized by the UTMA Chair of the Therapeutic subjects (coordinated by the head of the Chair of Therapeutic subjects Dr. M.Nazlukhanyan and endocrinologist Dr. H.Danielyan). During this scientific event, reports regarding the etiology, pathogenesis, diagnosis and treatment of diabetes mellitus were presented by UTMA students, as well as interactive clinical case discussions were held

UTMA Student Scientific Society president Samuel Adomah and members of SC of UTMA and head of the Department of Science V.Grigoryan served as moderators.

**The ceremony of taking oath and handing out diplomas to UTMA graduates took place** the ceremony of oath and handing out diplomas to the graduates of the "General Medicine" and "Dentistry" faculties of the UTMA took place for the academic year 2023-2024.

At the beginning of the event, UTMA Dean Anahit Karapetyan, head of Foreign Relations Department of UTMA Ani Sargsyan, lecturers-supervisors Nina Khlghatyan, Naira Hunanyan addressed the graduates with words of welcome and congratulations. The leaders of the graduating students also gave their speech of thanks. The event was attended by UTMA employees, representatives of various embassies, students' parents, and relatives. During the event, the attendees enjoyed a number of Armenian and various national performances.

At the request of SC and students, UTM management gave days off to celebrate their main national holidays (Diwali, Nowruz, Ramadan, Holi).

The SC uses Facebook social website as information dissemination platform.

Additionally, paying great attention to students' troubles and providing full solution to these problems has always been university management and SC's primary focus.

Thus, the 2023-2024 work plan and other current works have been implemented.

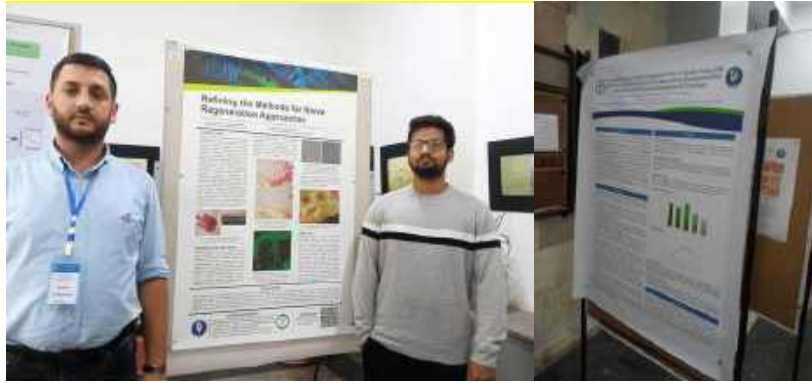
## 19. STUDENT SCIENTIFIC SOCIETY

During the reporting academic year, the members of the UTMA SSS was revised. A new SSS President was appointed for a 1-year term, Samuel Adomah. The SSS continued to actively cooperate with the UTMA Scientific Department and student facilitators in organizing scientific events and involving students in scientific work and programs.

On November 14, 2023, the student scientific seminar "Access to Diabetes Treatment" was organized by the UTMA Department of Therapeutic Subjects, under the coordination of the Head of the Department, Dr. M. Nazlughanyan, and the Endocrinologist H. Danielyan. The SSS also took an active part in the organizational work. During the event, students presented presentations, reports and interactive cases.



UTMA students P. Anjankumar (co-authored by the Head of the Scientific Department of ABM) and M. Kamali presented poster presentations at the BIO-SEE Jubilee Conference held on October 16-18, 2023, at the L.Orbel Institute of Physiology NAS RA, Yerevan.



SSS members and students actively participated in the FABO scientific methodological courses, organized by UTMA student, M. Kamali, Ph.D.

- UTMA students actively participated in numerous scientific events, including conferences and seminars organized by the Bio-SEE International Bioimaging Association and the L.A. Orbel Institute of Physiology NAS RA; “Neuroscience Week”, “Brain Awareness Week” scientific events organized by Yerevan State Medical University, etc.



UTMA students S. Avagyan (left picture), P. Anjankumar (right picture), participating in scientific events



An organizing committee for the TEDxUTMA event (agenda below) was formed and operated on the basis of the UTMA SSS. SSS President S. Adomah acted as the moderator of the event.

<b>Registration</b> 3:00 pm - 3:15 pm
The Attendees will check in and receive TEDxUTMA badges, notes on the Agenda.
<b>Dr. Mirar Naghdelyan - "The Underdog of Health Industry - Psychotherapy"</b> 3:15 pm - 3:25 pm
Mental health is an occasionally underrated crucial aspect of human health. Let's explore it deeper!
<b>Short break</b> 3:25 pm - 3:30 pm
A short formal between topics, to allow your nervous system "hear and digest" the knowledge gained.
<b>Prof. Naira Ayvazyan - "Snakebites: Inspiration, Innovation &amp; Investment"</b> 3:35 pm - 3:50 pm
Snakebites, often overlooked, are a critical neglected tropical disease with deadly consequences. Awareness is key for addressing the problem.
<b>Coffee Break</b> 3:50 pm - 4:15 pm
Enjoy Coffee and Network.
<b>Prof. Zaruhi Karabekian - "Ready-Made Solutions in Tissue Engineering: Are We There Yet?"</b> 4:15 pm - 4:25 pm
Tissue engineering, revolutionizing healthcare, holds the key to regenerating damaged organs. Join the quest to transform medical!
<b>Another short break</b> 4:25 pm - 4:30 pm
For managing your satisfaction after the amazing speeches you've just heard, and for mentally preparing for yet another amazing talk!
<b>Dr. Norajir Zaqaryan - "Orthopedic Frontiers: Exploring Breakthroughs in Bone Health"</b> 4:35 pm - 4:50 pm
Unlocks the secrets: Explore cutting-edge orthopedic breakthroughs in bone health.
<b>Closing Remarks</b> 4:50 pm - 5:00 pm
Take-home messages and Farewells.

P. Anjankumar - participation in the work of a research group (led by the head of the UTMA department of science), topic: regenerative medicine/neuroscience.

UTMA students P. Anjankumar and S. Adomah completed a training course in the field of Atomic Force Microscopy organized by the BIO-SEE Association. Upon completion, they received certificates.



SSS members P. Anjankumar and S. Adomah at the Atomic Force Microscopy course

The HealthWise project was founded by SSS President S. Adomah, within the framework of which it is planned to create educational video materials.



The introductory video for the HEALTH-WISE UTMA project, authored by UTMA student, SSS President S. Adomah

<https://www.youtube.com/watch?v=aD7cQp-u04I>

### Student Publications

Hamzeh Ghorbani – articles

- D. Aghabalyan, H. Ghorbani and R. Rituraj, "Relationship of Medicine and Philosophy: Mathematical Modeling of Moral Structures-Etometry," 2023 IEEE 17th International Symposium on Applied Computational Intelligence and Informatics (SACI), Timisoara, Romania, 2023, pp. 000567-000574, doi: 10.1109/SACI58269.2023.10158582.

- H. Ghorbani et al., "Improving the Estimation of Coronary Artery Disease by Classification Machine Learning Algorithm," 2023 IEEE 6th International Conference and Workshop Óbuda on Electrical and Power Engineering (CANDO-EPE), Budapest, Hungary, 2023, pp. 000159-000166, doi: 10.1109/CANDO-EPE60507.2023.10418014.
- H. Ghorbani et al., "Prediction of Heart Disease Based on Robust Artificial Intelligence Techniques," 2023 IEEE 6th International Conference and Workshop Óbuda on Electrical and Power Engineering (CANDO-EPE), Budapest, Hungary, 2023, pp. 000167-000174, doi: 10.1109/CANDO-EPE60507.2023.10417981.
- Hamzeh Ghorbani, Arsen Minasyan, Harutyun S. Hovhannisyan, Parvin Ghorbani, Simin Ghorbani, Mehrdad Babak Rad, Marieta Davidyan, Natali Minasian, Anahit Mkrtychyan, Eduard Avagyan, Mehdi Ahmadi Alvar and Ali Ghazanfari. STATE-OF-THE-ART MACHINE LEARNING FOR PREDICTION OF CHRONIC KIDNEY DISEASE, International Journal of Applied Engineering & Technology Copyrights @ Roman Science Publications Ins. Vol. 6 No.1, January, 2024 International Journal of Applied Engineering & Technology 1058
- Hamzeh Ghorbani, Mehrdad Babak Rad, Harutyun S. Hovhannisyan, Parvin Ghorbani, Lilit Sukiasyan, Delaram Ansari, Simin Ghorbani, Arsen Minasyan, Anahit Mkrtychyan, Natali Minasian, Aregnazan Ikilikyan, Rozi Yeremyan, Alla Krasnikova, Eduard Avagyan, ENHANCING DIABETES MELLITUS PREDICTION AND SURVEILLANCE: A HYBRID MACHINE LEARNING APPROACH. International Journal of Applied Engineering & Technology Copyrights @ Roman Science Publications Ins. Vol. 5 No.4, December, 2023 International Journal of Applied Engineering & Technology 2448
- Hamed Fadaei, Raghad Mimar, Sheida Shourabadi Takabi, Hamzeh Ghorbani, Mahdiyeh Haj Hosseini and Mehrdad Babak Rad, THE IMPACT OF COVID-19 VACCINE ADMINISTRATION ON BALANCE AND COORDINATION IN COVID-19-NAÏVE, HEALTHY MEN. ISSN: 2633-4828 Vol. 5 No.4, December, 2023 International Journal of Applied Engineering & Technology Copyrights @ Roman Science Publications Ins. Vol. 5 No.4, December, 2023 International Journal of Applied Engineering & Technology 2293
- Ding H, Wang C, Ghorbani H, Yang S, Stepanyan H, Zhang G, Zhou N, Wang W. The impact of magnesium on shivering incidence in cardiac surgery patients: A systematic review. Heliyon. 2024 May 28;10(11):e32127. doi: 10.1016/j.heliyon.2024.e32127. PMID: 38873687; PMCID: PMC11170178.

#### Poster presentations

##### P. AnjanKumar

- Grigoryan V.S., Sevoyan G.P., Gasparyan S.S., AnjanKumar P.V., Karabekian Z.I. - "Refining the Methods for Nerve Regeneration Approaches"
- Grigoryan V.S., Sevoyan G.P., Gasparyan S.S., AnjanKumar P.V., Karapetyan S., Karabekian Z.I. - "REFINEMENT OF DECELLULARIZED GRAFTS FOR PERIPHERAL NERVE TISSUE ENGINEERING"

##### M. Kamali

- M.Kamali, S.Gasparyan, O.Kalinovskaya, Z.Karabekian - "NeuroRevolution: Tissue-Engineered Nerve Grafts Using Silk-Fibroin and Polycaprolactone Fibrous Mats, Enhances with Quercetin for Advanced Antibacterial Dressings."

## 20.ECONOMIC SECTION

According to the 2023-2024 work plan, the economic section has utilized the potential of its staff in organizing the internal university economy.

The functions of the economic staff have been clarified, and the quality of the work performed by the staff in the economic section has been emphasized. Regular checks have been conducted, deficiencies have been identified, and measures have been taken to address them.

- For the organization of the 2023-2024 academic process, the allocated financial resources have been used for the following purchases:
  - Stationery – 364,800 AMD
  - Registers, student ID cards, and booklets – 322,000 AMD
  - Dental materials – 65,000 AMD
  - Essential medicines, glucometer, tonometer – 138,250 AMD
- For equipping and furnishing classrooms and offices, the following purchases have been made:
  - Models, work desks – 12,747,000 AMD
- For servicing the university's computer network, the expenditure was: 1,161,100 AMD
- For membership in the digital library association, the expenditure was: 70,000 AMD
- For printing in the university directory, the expenditure was: 56,000 AMD
- For training, the allocation was: 40,000 AMD
- In collaboration with the accounting department, an inventory has been carried out.

## SUMMARY

The performance summary of the University's subdivisions for the 2023-2024 academic year includes an analysis of the performance of all structural subdivisions of the University. The numerical data presented by the subdivisions are depicted in 14 charts, 11 tables, and content-related images.

Thus, summarizing the work carried out in various fields of activity at the University of Traditional Medicine during the 2023-2024 academic year, the following can be highlighted and recorded:

- During the reporting year, work was carried out in alignment with the University's mission, aimed at the institution's strategic priorities and the implementation of the actions outlined in the strategic plan.
- Several new bilateral cooperation agreements were signed with academic and non-academic institutions.
- Participation in grant programs was initiated.
- As part of the University's internationalization efforts, business trips were organized to foreign educational institutions.
- Modern simulation equipment was acquired during the reporting period, particularly for obstetrics and gynecology, and therapeutic subjects.
- Necessary equipment and materials were obtained for the departments of medical-biological, natural sciences, and surgical subjects.
- During the reporting period, the University successfully underwent institutional reaccreditation, resulting in a 4-year accreditation.

Along with several achievements, there are also areas that need improvement, such as:

- Completing the foreign-language pages of the University's website, which are especially important for international visitors, particularly potential foreign applicants.
- Continuing the modernization of the University's electronic library.
- Organizing staff training to effectively address strategic issues, ensure and improve the quality of education.

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