

Alumni Satisfaction Analysis, Employment Figures, Academic Growth

Alumni Satisfaction Analysis (2013-2018)

This analysis is aimed at seeing the existed situation of BNTU as a whole on the basis of the summarized results of opinion surveys conducted during several years (period: 2013-2018; method: questionnaires, oral questioning; number of respondents – 153); Studying of alumnus' opinions was carried out in two directions:

1) Questioning of the alumnus employed by profession (questionnaire survey, oral enquiry), the purpose of which was to survey opinions of the alumnus employed by profession and according to them to state favorable and unfavorable factors for employment by profession, which competences are preferable and precondition for employment. The goal of the conducted questioning was to find out to what extent alumnus' opinions coincide with potential employers' answers to the analogous questions. The summarized analysis of the results of survey showed that despite employment by different professions:

By the employed alumnus priorities in favorable competences of employment were distributed in the following way: high level of theoretical and practical training – 92% of the questioned alumnus; information competence (knowledge of working with different sources of information, main methods, ways and means of receiving, saving and processing of information) - 90% of the questioned alumnus; technical competence (skills of working with a computer, using of modern information-communication technologies, working in global computer networks, skills of information management) - 89% of the questioned alumnus; technological competence (using of modern hardware and modern information-communication technologies for performance of communication tasks) - 87% of the questioned alumnus; operative competence (reliability of fulfillment of a task, accuracy and execution speed) – 80%; linguistic competences (no less than one foreign language, knowledge of professional terminology) – 79% of the questioned; adaptation competence (formation and transformation speed of professional skills 60% of the questioned; psychological competences (emotional stability in stressed situations) – 20% of the questioned; communication competences - (business written and oral communication and skills of using professional terminology, skills of establishing business relations – 15% of the questioned. Employed alumnus deem as favorable factors of employment: a) "I have profession in demand"- 85% of the questioned, b) "My professional properties" (competences: knowledge, skills, values)" - 70% of the questioned, "My parents' contacts and acquaintances" - 57% of the questioned.

According to the alumnus employment might be hindered: by the lack of vacancies – 95% of the questioned; insufficient level of practical training – 80% of the questioned; low level of theoretical knowledge – 70% of the questioned; low level of professional training – 65% of the questioned; low motivation level or absence of self-development - 5% of the questioned; low motivation level of working by profession – 1%. It should be noted that alumnus not working by profession are substantiating it with absence of vacancies (99%).

2) Questioning of alumnus of BNTU (questionnaire survey, oral inquiry), the aim of which was to study satisfaction with education got in BNTU. The summarized analysis of questioning results of several years showed that from the results of questioning of alumnus of different professions can be said the following "estimation of the education quality by the alumnus (meet expectation)" (100% -system) – answers were distributed as follows: "conforms fully" (69%), "more or less conforms"(21%),

"does not conform"(03%), "I have no answer" (07%); answers to the question – "will you recommend Batumi Navigation Teaching University?" were distributed as follows: "Yes, and probably yes" (90%), "No, and probably no" - (6%), "I have no answer" (4%); answers to the question: "Do you want to take part in measures organized by BNTU?" were distributed as follows: : "Yes, and probably yes" (75%), "No, and probably no" - (15%), "I have no answer" (10%). Number of alumnus of Marine-Engineering Faculty, which exceeds 50% of the alumnus contingent of BNTU, remarked that they probably will not be able to participate in BNTU measures, because 98% of the alumnus of this faculty is employed by profession in marine sphere. 76% of the questioned thinks that lecturers involved in educational activities are interested in students' results, objectively and fairly assess their achievements and assist students in gaining the necessary knowledge and skills for their future profession. 63% of the questioned thinks that lecturers favor development of the students' intellectual potential. 85% confirmed that is satisfied with organizing and conducting practices and the skills, acquired after practice. It was found out that 93% of the questioned had not missed more than 50%, and only 3% had missed more than half of classes. According to

them the reason of missing was “illness” or “unforeseen circumstances”. 97% is satisfied with BNTU infrastructure, 87% is satisfied by the library work, 93% - is satisfied with accessibility to information-communication technologies (opportunity of using computer hardware, modern computer programs and others), 95% is satisfied with administrative, academic and informative provision, 89% - with curators work. It is important that to the question: “If you were an enrollee”, 97% answered that they would choose BNTU, 3% would choose other education institution, because there he/she would study with those educational programs, which are not learned in BNTU. (The figures denoted above are arithmetic mean values in compliance with the rounding off rule - less than 0.5 – rounding downward, 0.5 and more – rounding upward).

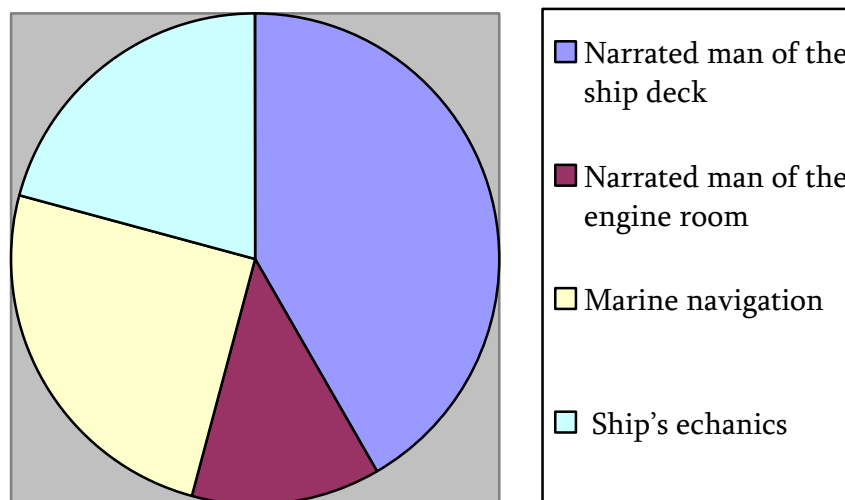
So in connection with the first direction of questioning it should be noted the following: basing on the analysis of the results of opinion survey it was clear that for the alumnus employed by different professions and for potential employers important is not only special knowledge and abilities of the alumni, but also other skills and personal properties, for example, motivation of self-development, ability of independent performance of the tasks, motivation of perfection of competences knowledge of a foreign language, modern information-communication technologies and special computer programs and ability of using the in their professional activities, communication, self-organization and self-presentation abilities, ability of using special literature, learning and working independently, responsibility, ability of team working, motivation of professional development and others. It should be also noted that the priorities of alumnus and employees practically coincided with the employers’ opinions. Based on the above for the purpose of facilitating employment of alumnus it is necessary not only training of the student in profession, but also developing actual competences for employment and personal properties by means of choosing and using corresponding teaching methods. As for the second direction the following measures must be taken: a) mechanisms of increasing students’ satisfaction; b) new questionnaires for inquiring of students, by means of which integrated study of students’ opinions and needs will be possible.

Employment Indicators (2013-2018)

On 16-19 April of 2018 Quality Assurance Service of Batumi Navigation Teaching University organized a non-recurrent inquiry (questionnaires are attached to the document) of potential alumnus of Marine Engineering and Logistics Faculties by means of which was stated a number of BNTU alumnus employed in 2013-2018 by Crewing and Logistics companies, having contract relations with BNTU.

Survey showed that in reporting period 9 Crewing Companies employed 242 graduates of Marine Engineering faculty, among them 138 graduates of vocational education programs (narrated men of the ship deck - 71, narrated men of the engine room – 67), graduates of higher education programs – 104 ship driver -56, ship mechanic – 48).

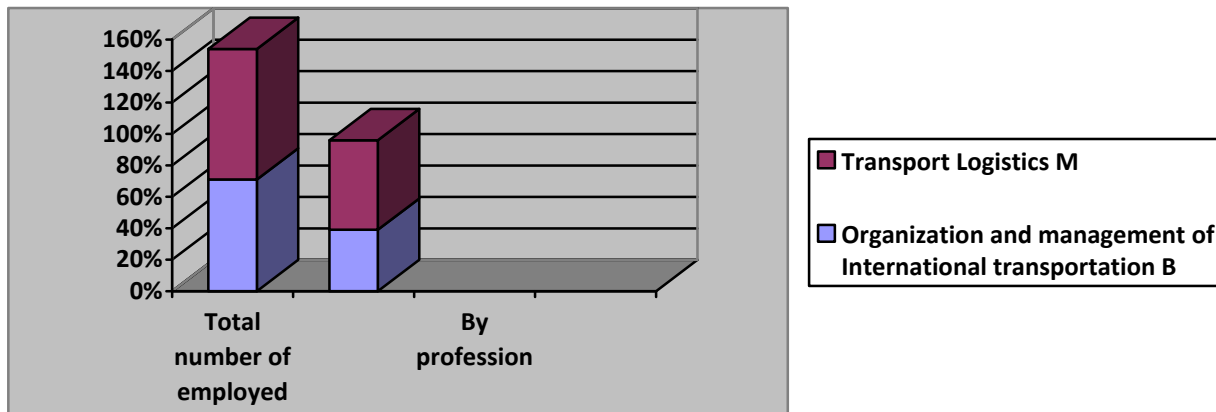
It should be noted that the represented indicator of employment partly comprises also a certain number of graduates of before 2013-18.



According to the diagram we can conclude that the biggest share in employment comes on the graduates of the vocational program of narrated men of the ship deck and bachelor’s educational program Marine Navigation; less share – on the graduates of bachelor’s educational program “Ship Mechanics” and the vocational program of narrated man of the engine

room. The remarked fact is due to the demands existed on employment market and is envisaged in calculation process of the contingent announced by BNTU for the vacancies on corresponding educational programs.

At the same time Control Assurance Service of BNTU carried out questionnaire survey of graduates of Logistics Faculty, according to which it was concluded that 71% are employed from the graduates of bachelor's educational program "Organization and Management of International Transportation", among them 39% by profession; at present from the graduates of Master's educational program "Transport Logistics" 83% are employed, among them 57% - by profession.



These indicators are somehow due to the fact that in the period of development-establishment of logistics there is job shortage. In spite of this fact the Quality Assurance Service of BNTU recommends Logistics Faculty and administration of the university to involve more employers in the teaching process of BNTU. It is necessary for Practice and Employment Service of BNTU to activate its work in the direction of logistics connected with provision of probation and professional orientation of students.

Academic development of the graduates

In connection with academic development of BNTU graduates it should be emphasized that Batumi Navigation Teaching University is a profession-oriented teaching institution. Since 1999 it (with a status of college) was preparing specialists of marine field: narrative men and naval officers of exploitation level. Since 2008 it has been preparing officers of heading level. In 2009 in parallel with Marine-Engineering Faculty there was established Logistics Faculty, which is training specialists of international transportation and guiding team of transport field. Accordingly BNTU maintains its educational profile in transport field.

In Georgia, as all over the world marine education is regulated by the main document of seafarers training – International Convention on Standards of Training, Certification and Watchkeeping, which makes provision for three levels of seafarers training: auxiliary, exploitation and management. In Georgia getting education corresponding to the management level for future or/and serving seafarers is possible after getting bachelor's education. After that as a result of collecting the corresponding sailing census a graduate of bachelor's program can take positions of high managing composition on a ship. It is one of the main defining factors, which show that graduates of Marine Engineering Faculty are not motivated for academic growth. From the graduates of Marine-Engineering Faculty of BNTU in 2013-2018 only one graduate got master's education. Here is also important to note that because the absence of needs there are not corresponding master's programs.

All the above preconditions a low indicator of further university education and academic development of graduates of bachelor's program of Marine-Engineering Faculty of BNTU, though serving seafarers have been continuing education and vocational perfection in certifiable and controllable conditions.

As for the graduates of Vocational Education Department of BNTU 86% of them understands the necessity of continuing education and decides to get further education at bachelor's level for the purpose of career advancement from auxiliary to governing level.

Accordingly norms of international marine law regulate intensity of career advancement as well as of further education planning and carrying out.

From oral survey (by telephone survey) of educates of bachelors of Logistics Faculty of BNTU is clear that 78% is planning to get master's education, among them 84% with Master's education program of BNTU, educates of master's program is not planning to continue education with doctoral program, 40% can't answer and only 12% confirms the necessity of the further education.



Logistics Faculty of BNTU is advised to activate consultations of students connected with further education, academic development and career improvement.

Quality Assurance Service