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“SWOT ANALYSIS OF INTERNAL QA SYSTEM IN KHMELNYTSKYI NATIONAL UNIVERSITY”

Brief review of key points

February 28, 2017



1.1 Policy for quality assurance

Key indicators

- i1.1.1 The degree of development of institutional internal QAS.
- i1.1.2 Availability of special structural unit for internal QA.
- i1.1.3 The degree of development of institutional regulatory base for QA.
- i1.1.4 Availability of QA's policy as a part of institutional strategic management.
- i1.1.5 Publicity of QA's policy and its accessibility to stakeholders.
- i1.1.6 The degree of stakeholders' activity in QA.
- i1.1.7 The share of staff involved to the procedures for QA.
- i1.1.8 Availability of set of indicators for assessing components of quality of higher education.
- i1.1.9 The number of experts who have been trained in the field of quality assurance.
- i1.1.10 Availability of procedures to prevent academic plagiarism.
- i1.1.11 Reflection of inspection results of theses on the academic plagiarism.



1.1 Policy for quality assurance

Organizational Strengths

- s1.1.1** KhNU created such structural units for QA (i1.1.1, i1.1.2):
- Department of QA of higher education;
 - Permanent committee of the KhNU's Academic Council for internal Quality Assurance of higher education.
- s1.1.2** KhNU developed regulatory base (i1.1.3, i1.1.4):
- Regulations on Department of Quality Assurance;
 - Regulations on internal Quality Assurance System for learning and higher education;
 - Regulations on procedures to prevent academic plagiarism;
 - Part in Strategy of KhNU's development on 2016-2020 which reflect main objectives on QAS.
- s1.1.3** Presentation of normative documents on the KhNU's website (i1.1.5)
<http://www.khnu.km.ua/root/page.aspx?r=700&p=100>.
- s1.1.4** Implementation of measures to prevent and detect plagiarism in the higher education applicants' qualifying works based on its own software product (i1.1.10).
- s1.1.5** Public discussion of results of this activity (i1.1.11).
- s1.1.6** The participation of stakeholders in the examination boards for defending qualifying works (i1.1.6).



1.1 Policy for quality assurance

Organizational Weaknesses

- w1.1.1** Involvement of stakeholder for certain QA procedures is insufficient at this time (**i1.1.6**).
- w1.1.2** Permanent bodies for internal quality assurance at the faculty level are not formed at this time (**i1.1.7**).
- w1.1.3** Low motivation of internal stakeholders to ensure the quality of higher education (**i1.1.7**).
- w1.1.4** Insufficient development of indicators for assessing components of quality of higher education and methods of their measure (**i1.1.8**).
- w1.1.5** Lack of training of professional experts to conduct quality assurance procedures (**i1.1.9**).

Opportunities

- o1.1.1** Developing links of the University with enterprises and institutions of Khmelnytskyi region.
- o1.1.2** Participation of the University's staff in scientific-methodical commissions on developing higher education standards, field expert councils, NAHEQA.



1.1 Policy for quality assurance

Threats

- t1.1.1** Lack of Standards of higher education for new list of knowledge fields and specialties (List 2015).
- t1.1.2** The postponement of beginning of the activity of the NAHEQA.
- t1.1.3** The lack of regulations on licensing and accreditation of EP and requirements (criteria) for quality assurance.
- t1.1.4** Insufficient development of QA procedures on national level.



1.2 Design and approval of programmes

Key indicators

- i1.2.1 The degree of development of institutional regulatory base for design of EP.
- i1.2.2 The number of EPs for training specialists in the University at bachelor's and master's level.
- i1.2.3 The number of students enrolled in specific EP for each educational level.
- i1.2.4 Availability of Department of analytical research.
- i1.2.5 Availability of workgroups for developing EP.
- i1.2.6 Degree of participation of stakeholders in workgroups for developing EP.
- i1.2.7 Frequency of review/revision of EPs.
- i1.2.8 Availability of mechanism for carrying out amendments to EP on the demands of the participants of educational process.
- i1.2.9 Accessibility of training on EPs for various forms of learning (full-time, part-time, distance).
- i1.2.10 Availability of assessment system for designed EPs on different levels (like Department-Faculty-University).



1.2 Design and approval of programmes

Organizational Strengths

- s1.2.1** Availability regulatory base for development EP (Regulations on educational programmes for training specialists of various degrees of higher education in Khmelnytskyi National University) (**i1.2.1**).
- s1.2.2** Availability of bachelor's and master's EPs for all accredited specialties (**i1.2.2**).
<http://www.khnu.km.ua/root/siteres.aspx?r=50>
- s1.2.3** Availability of workgroups for development and periodic review/revision of EPs (**i1.2.5, i1.2.7**).
- s1.2.4** Availability of KhNU's committee for assessment quality of EPs and their conformity to Regulations (**i1.2.5, i1.2.7, i1.2.8, 1.2.10**).
- s1.2.5** Availability of student focus groups to attend higher education applicants in the process of monitoring and periodic review/revision of EPs (**i1.2.6, 1.2.8**).
- s1.2.6** Availability of regulatory base define a participation of higher education applicants in QA procedures (Regulations on participation of higher education applicants in procedures of quality assurance of learning and higher education in KhNU) (**i1.2.1**).
<http://www.khnu.km.ua/root/res/pol11.pdf>
- s1.2.7** Possibility for training HE applicants on various forms of learning, including distance form (**i1.2.9**).



1.2 Design and approval of programmes

Organizational Weaknesses

- w1.1.1** A small number of higher education applicants who are trained for certain EPs (i1.2.3).
- w1.2.2** The low level of analytical researches at the university and advertising certain EPs (i1.2.4).
- w1.2.3** High internal competition among specialties (i1.2.3).
- w1.2.4** Duplication of the content of certain EPs (i1.2.3).

Opportunities

- o1.2.1** Accreditation of EPs by International Agencies.
- o1.2.2** The development of partnerships with foreign universities for training students within academic mobility.
- o1.2.3** Attracting foreign students to study at HEI.
- o1.2.4** Involving external stakeholders to develop new content of EPs and renewal existing EPs.

Threats

- t1.2.1** Negative demographic trends in Ukraine in general and in the Khmelnytskyi region.
- t1.2.2** Strong competition in the domestic educational market and within the EHEA.
- t1.2.3** Lack of Standards of higher education for new list of knowledge fields and specialties (List 2015).
- t1.2.4** Lack of requirements to procedures of accreditation of EPs.
- t1.2.5** Permanent updating rules of enrollment to universities.



1.3 Student-centred learning, teaching and assessment

Key indicators

- i1.3.1 Number of higher education applicants involved to quality assurance procedures.
- i1.3.2 The degree of development of institutional regulatory base for participation of higher education applicants in quality assurance procedures.
- i1.3.3 Number of higher education applicants involved to governing bodies of the University.
- i1.3.4 Availability of mechanism for access to their current results by higher education applicants.
- i1.3.5 Availability of on-line access of higher education applicants to criteria of assessment of module's learning outcomes.
- i1.3.6 Availability of tools to survey higher education applicants on different components of quality of higher education.
- i1.3.7 Availability of elective module choices for higher education applicants.
- i1.3.8 Accessibility of training for various forms of education.
- i1.3.9 Availability of assessing student achievements by more than one examiner.



1.3 Student-centred learning, teaching and assessment

Organizational Strengths

- s1.3.1** The availability of regulatory base of the university that realizes the principles of student-centred learning (**i1.3.2**):
- Regulations on individual student curriculum,
 - Regulations on student self-government
 - Regulations on the Scientific Community of Students, Graduate students, Doctoral students and Young scientists,
 - Regulations on Student Design Bureau,
 - Regulations on the control and assessment of academic achievements of students in KhNU.
- <http://www.khnu.km.ua/root/page.aspx?r=700&p=100>
- s1.3.2** Availability of the bodies of student's self government involved in field of quality assurance (**i1.3.1**).
- s1.3.3** Participation of of higher education applicants in academic committees of the University, faculties (**i1.3.3**).
- s1.3.4** On-line access of students to their current and summative assessments for each module (**i1.3.4**).
- s1.3.5** Periodically survey of students on different components of quality of higher education (**i1.3.6**).
- s1.3.6** On-line access of students to criteria of assessment of module's learning outcomes (**i1.3.5**).
- s1.3.7** Availability of system of distance learning (**i1.3.8**).



1.3 Student-centred learning, teaching and assessment

Organizational Weaknesses

- w1.3.1** Gaps in the regulatory base of University on appropriate procedures for dealing with students' complaints (i1.3.2).
- w1.3.2** Real elective module choice is not implemented at the moment (i1.3.2).
- w1.3.3** The low motivation level in the certain students to learn and to obtain high-quality educational services in higher education (i1.3.1, i1.3.3).
- w1.3.4** Assessing student achievements by more than one examiner currently is not used in practice (i1.3.9).
- w1.3.5** Poor feedback with students on survey their satisfaction about teaching, quality of training, content of EPs etc (i1.3.6).

Opportunities

- o1.3.1** The possibility of involvement of external stakeholders in assessing of student achievements.

Threats

- t1.3.1** The lack of regulated procedures to delay student assessment.
- t1.3.2** The lack of external independent assessment of educational achievements of students.



1.4 Student admission, progression, recognition and certification

Key indicators

- i1.4.1** The degree of development of institutional regulatory base on admission, progression, recognition and certification.
- i1.4.2** Availability of procedures for recognition of achievements of students of foreign HEIs.

Organizational Strengths

- s1.4.1** Availability of regulatory base of the university (**i1.4.1**):
- Regulations on interrupt learning, renewal and transfer of higher education applicants
<http://www.khnu.km.ua/root/res/700-100-49-1.pdf>
 - Regulations on academic mobility of higher education applicants.
<http://www.khnu.km.ua/root/res/700-100-49-2.pdf>

Organizational Weaknesses

- w1.4.1** Lack of organization of learning, convenient for applicants of higher education which combine working and full-time learning (**i1.4.1**).

Opportunities

- o1.4.1** The development of partnerships with foreign universities for training students within academic mobility.

Threats

- t1.4.1** The lack on national level of regulated procedures which relevant to European standards to interrupt learning, renewal and transfer of higher education applicants.



1.5 Teaching staff

Key indicators

- i1.5.1 The degree of development of institutional regulatory base.
- i1.5.2 Availability of a mechanism for annual assessment of teaching staff performance.
- i1.5.3 Availability of an unit at the University that organizes and oversees the training of teaching staff.
- i1.5.4 Availability of the various forms of assistance to young (inexperienced) teachers to acquire pedagogical competences.
- i1.5.1 The degree of development of institutional regulatory base.
- i1.5.2 Availability of a mechanism for annual assessment of teaching staff performance.
- i1.5.3 Availability of an unit at the University that organizes and oversees the training of teaching staff.
- i1.5.4 Availability of the various forms of assistance to young (inexperienced) teachers to acquire pedagogical competences.



1.5 Teaching staff

Organizational Strengths

- s1.5.1** The availability of regulatory base of university on requirements to persons who may occupy posts of teaching staff (**i1.5.1**):
- Statute of the University;
 - Regulations on annual rating assessment of teaching staff;
 - Regulations on Department.
- <http://www.khnu.km.ua/root/page.aspx?r=700&p=100>
- s1.5.2** Availability of opportunities to enhance by teaching staff their skills, qualification, scientific level (**i1.5.3**).
- s1.5.3** Compulsory courses of psycho-pedagogical training for young university teachers who have experience up to 3 years (**i1.5.4**).
- s1.5.4** Participation of teaching staff in international projects (like Tempus, Erasmus+, FP7) (**i1.5.5**)
- s1.5.5** Full time participation of teaching staff in international scientific events (**i1.5.6**).
- s1.5.6** Availability of scientific publications of teaching staff in bibliographic databases (**i1.5.7**).
- s1.5.7** Availability of tools for annual assessment of teaching staff performance. (**i1.5.2**).
- s1.5.8** Involvement of teaching staff to QA procedures (**i1.5.8, i1.5.9**)



1.5 Teaching staff

Organizational Weaknesses

- w1.5.1** Insufficient motivation of teaching staff to develop new approaches and procedures for quality assurance (**i1.5.8**).
- w1.5.2** Insufficient motivation of teaching staff to enhance own qualification (**i1.5.3, i1.5.4**)

Opportunities

- o1.5.1** Involvement of foreign teachers to teaching.
- o1.5.2** Internships of teaching staff in foreign universities.

Threats

- t1.5.1** Insufficient financial support of internships of teaching staff in foreign universities.
- t1.5.2** The low salaries of teaching staff.



1.6 Learning resources and student support

Key indicators

- i1.6.1** Ways of access of higher education applicants to electronic information resources.
- i1.6.2** Availability of free Wi-Fi in the institution.
- i1.6.3** Availability of educational environment and its fullness.
- i1.6.4** Level of information providing of higher education applicants.
- i1.6.5** Availability of modern computer and technical support of access to information.
- i1.6.6** Number of computers per student.
- i1.6.7** Degree of renewal and updating of information providing.



1.6 Learning resources and student support

Organizational Strengths

- s1.6.1** Free access of students to information resources of digital library of the university and libraries of other universities of Ukraine (**i1.6.1, i1.6.4**).
- s1.6.2** Availability of free Wi-Fi in the all buildings of the University (**i1.6.2**).
- s1.6.3** Availability of Modular Learning Environments MOODLE that contains the necessary information materials for each module and a set of tests for assessment and self-assessment (**i1.6.3**).
- s1.6.4** Availability of support system of distance learning (own software) (**i1.6.3**).
- s1.6.5** Permanent renewal and updating of own information providing (**i1.6.7**).



1.6 Learning resources and student support

Organizational Weaknesses

- w1.6.1** Insufficient level of modern technical support of access to information (**i1.6.5**, **i1.6.6**).
- w1.6.2** Low pace of upgrading technical base (**i1.6.5**).

Opportunities

- o1.6.1** Possibility of access to foreign information resources through cooperation with universities in other countries.
- o1.6.2** Possibility of access to foreign digital libraries.

Threats

- t1.6.1** Insufficient funding HEIs



1.7 Information management

Key indicators

- i1.7.1** Availability of information system to manage all kind of activities of the University.
- i1.7.2** Availability of objective mechanisms for assessment of learning outcomes of higher education applicants.
- i1.7.3** Conformity of University's information system to requirements of implementation of quality assurance system.
- i1.7.4** Level of use of cloud technologies to support information management.
- i1.7.5** Availability of electronic workflow system.



1.7 Information management

Organizational Strengths

- s1.7.1** Availability of information system "Electronic University" (own software, developed within FP7 project INURE), which provides electronic control of the educational process, and contains information including (i1.7.1, i1.7.3):
- information about students;
 - lessons schedule;
 - electronic exam information;
 - information about the Department staff;
 - rating of teaching staff;
 - rating of students.
- s1.7.2** Availability of Electronic Journal of student achievement, containing all the necessary information on the current status of student progress (i1.7.1, i1.7.3):
- s1.7.3** Availability of objective mechanism for creation of rating of students on the results of their learning (i1.7.2).
- s1.7.4** Availability of electronic workflow system within information system "Electronic University" (i1.7.5).



1.7 Information management

Organizational Weaknesses

- w1.7.1** Inability to reflect the level of students' satisfaction by educational programmes (i1.7.3).
- w1.7.2** Lack of information about the career paths of graduates (i1.7.3).
- w1.7.3** Lack of use of cloud technologies to support information management. (i1.7.4).
- w1.3.4** Insufficient capacity of servers that support university information system (i1.7.3).

Opportunities

- o1.7.1** Integration of "Electronic University" with USEED towards information exchange.

Threats

- t1.7.1** Diversity of approaches to identify set of indicators for assessment of HEI's activities under different systems of rating evaluation.



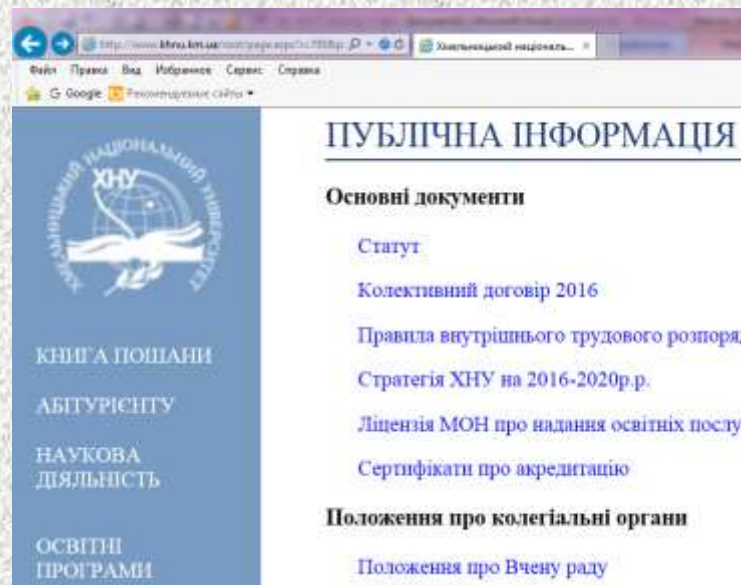
1.8 Public information

Key indicators

- i1.8.1** Availability of public information required by directive documents.
- i1.8.2** Number of foreign languages in which university website is presented.

Organizational Strengths

- s1.8.1** University website contains all information required by the Law of Ukraine on Higher Education (**i1.8.1**).





1.8 Public information

Organizational Weaknesses

w1.8.1 Lack of versions of University website by foreign languages (**i1.8.2**).

Opportunities

o1.8.1 Increase of University's rating and confidence from stakeholders.

Threats

t1.8.1 The possibility to use public information of University for unfair competition among universities



1.9 On-going monitoring and periodic review of programmes

Key indicators

- i1.9.1** The availability of institutional regulatory base for monitoring and review of programmes.
- i1.9.2** The availability of procedures for monitoring and review of programmes.
- i1.9.3** Period of monitoring and review of programmes.
- i1.9.4** Number of EPs that have international accreditation.
- i1.9.5** Availability of higher education applicants in workgroups for periodic monitoring and review of programmes.



1.9 On-going monitoring and periodic review of programmes

Organizational Strengths

- s1.9.1** KhNU has regulatory base for monitoring and review of programmes (**i1.9.1**).
- s1.9.2** KhNU carries out annual monitoring of EPs and their periodic review once every 5 years or as needed (**i1.9.2**).
- s1.9.3** KhNU carried out international peer review of EP for training Masters in Economic Cybernetics and training Bachelors in Applied Mathematics within the international Tempus-project ALIGN in June 2016 (**i1.9.4**).

Organizational Weaknesses

- w1.9.1** Lack of experience on developing OP new generation based on competence approach and in accordance to ESG (**i1.9.3**).
- w1.9.2** Lack of involvement of graduates in procedures of monitoring and review of programmes (**i1.9.5**).



1.9 On-going monitoring and periodic review of programmes

Opportunities

- o1.9.1 Involvement of external stakeholders for monitoring and review of EPs .
- o1.9.2 Accreditation of EPs by international agencies.

Threats

- t1.9.1 Lack of Standards of higher education for new list of knowledge fields and specialties (List 2015).
- t1.9.2 Lack of requirements to procedures of accreditation of EPs.



Thank you for attention,

Project team of Khmelnytskyi National University

