



ASIIN Accreditation Report

Bachelor's Degree Programmes
Management (Logistics)
Transport Technologies

Provided by

**O.M. Beketov National University of Urban Economy
in Kharkiv**

Version: 11th December 2015

Table of Content

A About the Accreditation Process.....	3
B Characteristics of the Degree Programmes	5
C Peer Report for the ASIIN Seal	13
1. Formal Specifications	13
2. Degree programme: Concept & Implementation.....	14
3. Degree Programme: Structures, Methods & Implementation	19
4. Examination: System, Concept & Implementation.....	21
5. Resources	23
6. Quality Management: Further Development of Degree Programmes.....	24
7. Documentation & Transparency	25
D Additional Documents	28
E Comment of the Higher Education Institution (30.04.2014)	29
F Summary: Peer recommendations (28.04.2014)	29
G Comment of the Technical Committees	30
Technical Committee 01- Mechanical Engineering/Process Engineering (05.06.2014)	30
Technical Committee 06- Industrial Engineering (05.06.2014).....	31
H Decision of the Accreditation Commission (27.06.2014)	32
I Fulfilment of Requirements (26.06.2015).....	34
J Fulfilment of Requirements (11.12.2015).....	34

A About the Accreditation Process

Title of the degree Programme	Labels applied for ¹	Previous accreditation	Involved Technical Committees (TC) ²
Ba Management (Logistics)	ASIIN, EUR-ACE® Label	--	FA 06
Ba Transport Technologies	ASIIN, EUR-ACE® Label	--	FA 01, 06
<p>Date of the contract: 21 January 2013</p> <p>Submission of the final version of the self-assessment report: 18 November 2013</p> <p>Date of the onsite visit: 18/19 February 2014</p> <p>at: O.M. Beketov National University of Urban Economy in Kharkiv</p>			
<p>Peer panel:</p> <p>Prof. Dr. Bernhard Fleischmann, Augsburg University;</p> <p>Prof. Norbert Grünwald, University of Applied Sciences Technology, Business and Design;</p> <p>Dipl.-Ing. Rupert Schmitt, (formerly) BMW Group;</p> <p>Prof. Dr.-Ing Martin Wölker, Fachhochschule Kaiserslautern - University of Applied Science;</p> <p>Anastasia Zvorykina, NTUU Kiewer Polytechnisches Institut</p>			
<p>Representative of the ASIIN headquarter: Johanna Höderath</p>			
<p>Responsible decision-making committee: Accreditation Commission</p>			
<p>Criteria used:</p>			

¹ ASIIN Seal for degree programmes; EUR-ACE® Label: European Label for Engineering Programmes

² TC: Technical Committee for the following subject areas: TC 01 – Mechanical Engineering/Process Engineering; TC 06 – Industrial Engineering;

European Standards and Guidelines, version 10.05.2005

ASIIN General Criteria, version 28.06.2012

Subject-Specific Criteria of Technical Committee 01 – Mechanical Engineering/Process Engineering as of 19.12.2011

Subject-Specific Criteria of Technical Committee 06 – Industrial Engineering as of 19.12.2011

In order to facilitate the legibility of this document, only masculine noun forms will be used hereinafter. Any gender-specific terms used in this document apply to both women and men.

B Characteristics of the Degree Programmes

a) Name & Final Degree	b) Areas of Specialization	c) Mode of Study	d) Duration & Credit Points	e) First time of offer & Intake rhythm	f) Number of students per intake	g) Fees
Ba Management (Logistics)		Full time	8 Semester 240 CP	Autumn semester 2004 Autumn semester	N° 50 per year	1250 / year
Ba Transport Technologies		Full time	8 Semester 240 CP	Autumn semester 2003 Autumn semester	N° 175 per year	1250 / year

For the degree programme Management (Logistics) the self-assessment report states the following **intended learning outcomes**:

Knowledge:

- Basics of philosophy, psychology, pedagogy, and ethics, which encourage the development of general culture and personality specifics;
- Basics of home and world history and culture, understanding cause-and-effect relationships in the social development and skills to use this knowledge in professional and social activities;
- Basics of fundamental sciences, mathematics, computer science, information technologies and statistics in the scope, required to master general professional courses and use their techniques in the selected profession;
- Modern concepts of the principles of structural and functional organization and logistic systems;
- Modern management thought and the system of specific knowledge of the national and regional management;
- Modern outlook on establishment, operation and evolution of organizations;
- Modern concepts of the basic principles, major categories, modern competencies, theoretical provisions and practical techniques in the core business management;
- Modern concepts of forming and implementing the contemporary corporate human resources policy;

- Theoretical basics of the contemporary strategic management;
- Modern concepts of general laws in the development of modern financial and monetary relations of society;
- Basics of the Fundamentals of State and Law, basics of the Civil, Labour, Family, Administrative and Criminal Law;
- Basics concepts of business finance and economy;
- Fundamentals of accounting and audit as the information basis to make efficient management decisions;
- Knowledge of marketing theory and methods;
- Knowledge and understanding of concepts, strategies and practices in Management (logistics), principles and laws of forming potential flows;
- Knowledge of needs and prospects of the development of international business relations;
- Knowledge of objective laws, conditions, processes and specific features of international business relations;
- Knowledge of creating safe and healthy life and work conditions, labour safety.

Skills

- To apply the acquired knowledge of philosophy, psychology, pedagogy, sociology and ethics; home and world history and culture in professional activity;
- Individually work on mathematical papers, find solutions for case studies and simulate their models;
- In management, carry out statistical research, find out averaged indices using the knowledge of computer science and information technologies;
- To apply forms and techniques of national and regional management in further practical activities
- To build different types of organizational structures, study their performance;
- To analyse internal and external environment, make adequate managerial decisions, run business innovative activity;
- To apply knowledge of different forms of law in further practical activities;
- To efficiently use the knowledge of theoretical and practical problems of the financial system;
- To evaluate the content and interrelations within business financial activities, according to the system of criteria;
- To apply knowledge of accounting and auditing in justifying managerial decisions;
- To apply corporate managerial functions based on marketing;

- To analyse operation of logistic systems, evaluate interrelations between their elements and the efficiency of logistic decisions;
- To apply the knowledge of international business relations to organize international business activity of an entity;
- To use the knowledge of labour and health safety to create safe working conditions for the staff.

Competencies

- To build statistic charts, diagrams, find out the laws and tendencies in the development of the phenomena under consideration;
- To solve case studies and simulate their models;
- To develop measures of the business transformation, on the whole or its elements, taking into account environmental factors;
- To set up efficient communication in management using their respective knowledge and skills, develop technologies of making and implementing managerial decisions, delegate, determine and evaluate management performance;
- To ensure high level of employee morale in the company and improve it, evaluate the efficiency of working with the staff according to different indices;
- To enforce the law in public management, settle group and individual disputes, prepare public management acts and make managerial decisions;
- To select optimal ways to solve operational tasks in corporate finance;
- To evaluate business performance and competitiveness of its products;
- To develop marketing programme and marketing events, taking into consideration interrelations between the marketing elements, analyse internal and external environmental factors;
- To develop suggestions as to the formation and improvement of logistic systems and their operation mechanisms;
- To keep accounts, stock, warehousing, shipping, customer service, supplies, production and sales in the logistic system;
- To evaluate cost-effectiveness and effects of logistic decisions;
- To manage material, information, financial flows in the logistic system, create and ensure operation of logistic systems, optimally run logistic processes.

B Characteristics of the Degree Programmes

The following curriculum for the degree programme Management (Logistics) is presented:

Subject	Semester	The number of credits
Philosophy	2	3,5
History of Ukraine	1	3
History of Ukrainian Culture	2	2
Ukrainian language (vocational orientation)	2	3
Foreign Language (vocational orientation)	1,2,3,4	6,5
Psychology	1	2
Sociology	3	2
Religious Studies	1	1,5
Ecology	1	2
Political Science	4	2
Urban Transport and Roads	3	2
Integrated Material Flows	6, 7	8
Operations Research II	5	2
Higher and Applied Mathematics (Higher Mathematics)	1	2,5
Higher and Applied Mathematics (Probability theory and mathematical statistics, mathematical programming)	2	2,5
Higher and Applied Mathematics (Operations Research)	3	2
Statistics	4	4,5
Information Systems and Technology	2	3
Economic Theory	2, 3	6
State and regional governance	4	3
Management and administration (Theory of Organizations)	3	3
Management and Administration (Management)	4	2,5
Management and Administration (Operations Management)	5	3,5
Management and Administration (Self-Management)	6	2,5
Management and Administration (Innovation Management)	7	4,5
Management and Administration (Human Resource Management)	8	4,5
Management and Administration (Strategic Management)	8	4,5
Management and Administration (Administrative Management)	8	2
Law (Law, Administrative Law)	1	4
Law (Labour Law)	3	1,5
Law (Commercial Law)	7	3,5
Finance, Money and Credit	7	4,5
Economics and finance companies	5	6
Accounting and Auditing	5	4,5
Marketing	6	4,5
Logistics	5	3
Foreign trade	6	3
International Economic Relations	5	3
Life Safety	2диф	1,5
Occupational Safety and Health	8	1,5
Functional logistics	6,7,8	8,5
Risk management in logistics	8	4
Logistics service	7,8	5
Introduction to specialty	1	6
Organization and Technology Transport	3, 4	8,5
Fundamentals of the Theory of Systems	5	4,5
Logistics infrastructure	3	6,5
City Logistics	5	3,5
Ergonomics	7	6,5
Basic Scientific Research	8	5
General course of transportation	2	4
Legal Support Logistics	2	3
International Shipping	6	9,5
Supply Chain	3	5,5
Management in Logistics	4	7
Theoretical Foundations of Logistics	1	7

For the degree programme Transport Technologies the self-assessment report states the following **intended learning outcomes**:

- Basics of philosophy, psychology, pedagogy, and ethics, which encourage the development of general culture and personality specifics;
- Basics of home and world history and culture, understanding cause-and-effect relationships in the social development and skills to use this knowledge in professional and social activities;
- Basics of fundamental sciences, mathematics, computer science, information technologies and statistics in the scope required to master general professional courses and use their techniques in the selected profession;
- Basics of the safety and environmental sustainability of technologies and processes;
- Basics of the assessment of emergency situations and decisions on safety measures;
- Contemporary concepts of the fields of using different means of transport to carry passengers and cargos by the routes within the national and regional transport systems;
- Basics of accounting and auditing (purchasing and selling goods, work costs, service costs);
- Justification of the net cost of services and evaluation of the effect of operating indices on the net cost of transportation by cargo and passenger transport;
- Regulations and basics of the public control in transport;
- Legal status of transport and shipping companies and procedures of controlling transport activities on the global market;
- Design of means of transport and their operation features (towing and speed performance, brake features, fuel economy, behaviour and flexibility, travelling comfort, vibration, noise level, off-road capabilities, resistance);
- Basics of Management (logistics), based on the principles of managing quality, procurement, stock and distribution of goods in the logistic system. Know the major requirements to carriage in the logistic system;
- Main transport features of cargos, use of advanced packing and packaging for carriage and storage;
- Basic specifics of the cargo shipping process, compatibility of transportation by different means of cargo transport;
- Concepts of passenger carriage by different means of passenger transport. Operating performance of passenger transport, methods of forming the route system, methods of the passenger traffic arrangement within the route system;

- Basic interactions between different means of transport, technology of mixed carriage and measures to coordinate the capability of different means of transport. Concepts of forecasting passenger and cargo flows in the transport system. Methods of coordinating different means of transport and features of the unified process flow involving different means of transport;
- Basics of transport system analysis. Concepts of the passenger and cargo carriage as well as the laws of transport flows operation;
- Major features of the city road network and methods of forming traffic flows

Skills

- To apply the acquired knowledge of philosophy, psychology, pedagogy, sociology and ethics, home and world history and culture in professional activity;
- To individually work on mathematical papers, find solutions for case studies and simulate their models in management, carry out statistical research, find out averaged indices using the knowledge of computer science and information technologies;
- To use the knowledge on hazardous and harmful environmental factors to improve the safety of technologies and processes in case of emergency;
- To identify optimal passenger and cargo carriage routes within the national and regional transport system, determine quality indices of the passenger and cargo carriage process by different means of transport;
- To calculate the net cost of carriage by cargo and passenger transport, taking into account the system of transport service costs and taxation;
- To apply the knowledge of regulations in the field of transport services provided by different means of transport;
- To apply the knowledge of carriage legal control in the global market;
- To apply the knowledge of the design of means of transport, identify performance indices of the transport flow under different operation conditions;
- To design logistic systems, apply the knowledge of managing quality, procurement, stock and distribution of goods; be able to identify the optimal parameters of the logistic system and logistic product flow chains;
- To find cost effective means of transport to carry cargos, apply advanced methods of evaluating cargo carriage process in different conditions, identify appropriate packing and packaging systems;
- To identify the volumes of passenger carriage, apply modern techniques to find the optimal passenger flows by routes;

- To find passenger transport performance indices and the net cost of passenger carriage;
- To identify the optimal means of transport to carry cargos and passengers;
- To forecast transport flows within the transport network system.

Competencies

- To solve the tasks of transport operations management;
- To develop measures of efficient management of resources and environmental protection against negative effects caused by transport;
- To carry out management, research, design and technology activities in organizations, institutions and companies, which ensure traffic safety in cities;
- To design routes using the methods of urban transport flow management;
- To improve traffic regulation and control;
- To improve carriage flow and transport control;
- To analyse transport control system regulations;
- To take into consideration economic specifics of business activity in transport for the cost-effective arrangement of interaction between different means of transport;
- To carry out marketing research and provide transport services to the public;
- To develop optimal schedules and routes of city passenger transport;
- To develop optimal schedules and routes of cargo transport;
- To develop optimal traffic routes in city road systems;
- To apply the latest transport practices to improve passenger and cargo carriage processes.

B Characteristics of the Degree Programmes

The following **curriculum** for the degree programme Transport Technologies is presented:

Subject	Semester	The number of credits
History of Ukraine	1	3
Ukrainian language (vocational orientation)	8	3
History of Ukrainian Culture	2	2
Philosophy	3	3
Foreign Language	2,3,4	5
Political Science	4	2
Higher Mathematics	1,2	10
Theory of Probability and Mathematical Statistics	4	3
Operations Research in Transport Systems	5	6
Basis of the Theory of Systems and Control	5	5
Physics	2	3
Chemistry	2	3
Engineering and Computer Graphics	1,2	3
Technical mathematics	4	3
Computers and Programming	1,2	6
Fundamentals of Ecology	5	2
Principles of Management	6	4
Principles of Marketing	5	4
Claim work	2	2
Customs Law	3	2
Jurisprudence	1	2
Foundations of Economic Theory	1	2
Sociology	6	2
Life Safety	3	2
General Course of Transport	1	3
Fundamentals of Transport Economics	6	5
Transport Law	8	3
Transportation Facilities	1	3
Information Systems and Technology	3	4
Logistics	8	4
Cargo Traffic	5,6	5
Passenger Traffic	6,7	5
Interaction of Transport Means	8	5
Fundamentals of the Theory of Transport Processes and Systems	5	5
Occupational Safety and Health	8	1,5
Practical Training		8
Ergonomic	4	5
Freight Forwarding Operations	4	5
Commercial Work	1	4,5
Traffic Management of Types of Transport	4	7
Traffic Organization	8	7
Project Analysis	6	5
Transport ASC	7	7
Customs Operations	3	6
Basics of Foreign Economic Relations	7	5
Environmental Characteristics of Cities	6	5
Fundamentals of Scientific Research	7	3
Efficiency of transport Processes	7	5,5
Operational Properties of Transportation Facilities	3	4
International Transportation	7	5,5
Properties of Ergonomic Systems	2	6,5
Ergodicity of City Transport	3	8
Prediction of transport systems	5	5,5
Technical means of traffic	8	3

C Peer Report for the ASIIN Seal³

1. Formal Specifications

Criterion 1 Formal Specifications

Evidence:

- Self-assessment report
- Discussions with representatives of the university [study fees]

Preliminary assessment and analysis of the peers:

The names of the degree programmes obviously relate to their curricular content and also reflect their respective intended learning outcomes. Study mode, regular duration of study, awarded degree, enrolment provisions, and annually fixed enrolment numbers are all within an ordinary range. During the session the peers learned that the study programme Management (Logistics) is allocated to the management department. Therewith, the focus on the economical aspects became better understandable for the audit team (cf. 2.2/2.6).

The auditors learned that the maximum of expected intakes per study year is specified by the national ministry: The ministry gives a limit of students who can enroll in the study programmes. The auditors noted that tuition is charged but that, in fact, students receive remuneration for their studies. They also took note of the other formal aspects of the degree programmes and took those into consideration for their assessment.

Final assessment of the peers after the comment of the Higher Education Institution regarding criterion 1:

Overall, they considered the formal specifications to be adequate to determine the name, awarded degree, duration, intake numbers and study fees. Criterion 1 was deemed fulfilled.

³ This part of the report applies also for the assessment for the European subject-specific labels. After the conclusion of the procedure, the stated requirements and/or recommendations and the deadlines are equally valid for the ASIIN seal as well as for the sought subject-specific label.

2. Degree programme: Concept & Implementation

Criterion 2.1 Objectives of the degree programme

Evidence:

- Self-assessment report
- Discussions with representatives of the university [objectives, classification]
- Samples of Diploma Supplements

Preliminary assessment and analysis of the peers:

The programmes under review aim at education of Logistics/Transport Management specialists corresponding to the qualifications of the European Qualifications Framework level 6. The panel considered this objective to be convincing.

Criterion 2.2 Learning Outcomes of the Programme

Evidence:

- Self-assessment report
- Discussions with representatives of the university [objectives, classification]
- Samples of Diploma Supplements

Preliminary assessment and analysis of the peers:

The self-assessment report presented a lengthy list of objectives and intended learning outcomes for the Bachelor's programmes. The stated learning outcomes indicated a detailed insight of the programmes. The audit team reinsured concerning the Bachelor programme Management (Logistics) that the focus is on the economic aspects and deals with economic relationships and regularities of Management (logistics). Management (Logistics) are understood as operational cross-divisional function on the areas of product development, operation management, procurement, production and distribution. In view of this the peers found that the areas of economic competence as set forth by the Subject-Specific Criteria of the Technical Committee 06 - Industrial Engineering to be largely met for the Bachelor's degree programme Management (logistics). Students have a broad understanding of essential micro- and macro-economic contexts, with in-depth theoretical and practical examples. They are familiar with the responsibilities of different business functions and understand operational, macro-economic and management-related processes as well as their reciprocal effects (economic knowledge). They are able to identify structure and solve abstract economic tasks and problems both in a holistic and in an integrative way. Students use the appropriate scientific methods and new findings of economics environment in their practical work while taking into consideration the economic,

ecological, technical and social requirements. The mentioned competencies are focused on Management (Logistics) and business issues, so that as a consequence the intended learning outcomes do not comply with the engineering specific aspects of the Subject Specific Criteria of the Technical Committee 01 - Mechanical Engineering/Process Engineering and 06 - Industrial Engineering. Therefore, they do not recommend the award of the EUR-ACE label.

For the Bachelor's degree programme transport technologies the panel came to the conclusion that competences correspond to the Subject Specific Criteria of the technical committee 01 - Mechanical Engineering/Process Engineering and 06 - Industrial Engineering. The study programme considers economic as well technical issues and deals with technical realisation of transport facilities and arrangements of transport structures. With regard to knowledge and understanding the students should know basics of fundamental sciences, mathematics, computer science, information technologies and statistics. Furthermore, with regard to engineering design the students apply the knowledge of the design of means of transport and identify performance indices of the traffic flow under different operation conditions. They are able to design logistic systems, apply the knowledge of managing quality, procurement, stock and distribution of goods as well as to identify the optimal parameters of the logistic system and logistic product flow chains. The students gain an insight into problem oriented scenarios in order to be able to solve tasks of transport management systems. For this purpose the audit team recommended to award of the EUR-ACE Label.

To this regard, the peers also took note that the intended learning outcomes as they were written in the self-assessment report were accessible in the same manner in any formal documents, on the website or the draft diploma supplement. Furthermore, they also noted that stakeholders had been involved in the formulation of the learning outcomes in order to ensure that they are achievable, valid, and reflect currently foreseeable developments in the subject area.

Criterion 2.3 Learning outcomes of the modules/module objectives

Evidence:

- Module descriptions

Preliminary assessment and analysis of the peers:

Overall, the audit team found the module descriptions an informative basis for the assessment of the students' and graduates' knowledge, skills and competences. Nevertheless the descriptions could be improved in some points:

In most cases, the descriptions mixed or not clearly distinguish between content and intended learning outcomes. The content of the individual descriptions has to be detailed in a clearer, more consistent and a more readable manner. The knowledge, abilities and competencies in the individual modules should be formulated in an outcome-oriented way.

Furthermore the peers considered as recommendable to concretize the form and duration of the examinations. On request, the programme coordinator explained during the audit talks that written examinations are the predominant examination form but with the addition that oral examinations, presentations or business games are also implemented examination types. At present this variance is not contained in the descriptions. From the perspective of the audit team the examination type has to be laid down as well as the duration.

As for both study programmes, the panel considered as recommendable to edit the module descriptions in the following points:

The identification of modules in all parts of the proposal has to be transparent. Thus every named module has to be biunique (name, semester, type of teaching, contact hours, workload, credit points, recommended prerequisites, module objectives / intended learning outcomes, content, examination).

Modules with the same name have to be in both study programmes completely identical.

Modules in both study programmes with the same focus but different content respectively intended learning outcomes should have different descriptions.

Criterion 2.4 Job market perspectives and practical relevance
--

Evidence:

- cf. statistics on graduates employment in terms of numbers and market sector
- Overview of companies for practical training
- Description of expected learning outcomes
- Codification and specific activities of the bachelor in management

Preliminary assessment and analysis of the peers:

Based on the self-assessment report and the discussions onsite, the peers estimated the job market perspectives of the graduates to be good. Furthermore, the peers commended the good contacts of the involved lecturers to the local industry. With regard to the internships they learned that the students completed the practical trainings in different sections: automobile industry, warehouses, parcel dispatch and forwarding and also

in public institutions like Ministry of Transport and Communications. The laboratories in the university were considered to be well developed.

Criterion 2.5 Admissions and entry requirements

Evidence:

- Document/Directive? № 245 dated 15.07.1996 on the provisions of the procedure of transfer, expulsion and readmission of students of higher educational establishments

Preliminary assessment and analysis of the peers:

The peers discussed the admission rules and procedures with the university representatives. The programme coordinators explained that the selection of the applicants in the end is made by the Ministry of Education and Science. For the Bachelor's level requires the completion of secondary education as well as passing nation-wide general tests. Altogether the peers found that the admission requirements are reasonable for maintaining the quality of the Bachelor's degree programmes.

As for the recognition of qualifications gained from other institutions of higher education, in particular abroad, the provision in place is, by and large, directed to grades, credits and content. There is a specific reference made by the regulations presented to the qualifications or competencies to be recognized. Along the Lisbon Convention each university is asked to recognize activities completed externally unless the HEI can prove that the competencies gained at the other HEI are completely different.

Criterion 2.6 Curriculum/Content

Evidence:

- Curriculum / content overview
- Discussions with students and teaching staff

Preliminary assessment and analysis of the peers:

While analysing the curriculum of the degree programmes under review, the peers took into account the fact that it is mainly prescribed by the Ministry of Education and Science and that the individual higher education institutions in Ukraine have only limited possibilities to change modules and courses. Nevertheless, the peers discussed with the university whether the curriculum was suitable for the achievement of the intended aims, especially with a view to the language skills in both Bachelor programmes and the role of ICT (information and communication technology) in the study programme Management (logistics).

From the discussions with the students and teachers the peers took note that English subject-specific skills played a marginal role in the curricular standards. With a view to the internationalisation strategy of the HEI to provide students with all necessary skills required for international mobility and competitiveness at the international labour market the peers recommended to focus more on the English language within the subject-specific teaching.

The concerns of the peers regarding the role of ICT have not been completely eliminated by the discussion during the onsite visit. The peers considered it essential that in the long run students learn more about the influence of ICT on logistical processes. The business is characterized by the growing capacity of supply, global competition, and even increase of consumer expectations. Thus, new technologies in the logistic field, such as telematics, RFID, planning and control software and their integration into a Management (Logistics) strategy become increasingly important. For this reason the peers endorsed to strengthen the curriculum of the Bachelor programme Management (Logistics) in the above mentioned aspects in order to prepare the students not only for the local job market but also for the international market.

The peers assessed the curricula of the programmes under review against the program objectives provided in the self-assessment report as well as against the stipulations of the Subject-Specific Criteria. They considered the curriculum of the Bachelor's degree programme to be overall suitable with the limitation that the Bachelor's degree Management (Logistics) is rather an economic studies programme and did not match in the grid of the quality label EUR-ACE, which is focused on engineering programmes.

Final assessment of the peers after the comment of the Higher Education Institution regarding criterion 2:

The peers positively acknowledged the statement of intent to revise the module descriptions in the above mentioned points. Until the full implementation the peers maintained their decision (A. 2).

The peers deemed this to be a step in the right direction that the HEI would focus more on the foreign languages in order to support the student's mobility. Also the fact that the role of information technologies are planned to find more consideration are viewed positively by the peers. The developments should be reviewed within the framework of the reaccreditation. Accordingly, they maintained the recommendations (E. 2 and E. 5).

3. Degree Programme: Structures, Methods & Implementation

Criterion 3.1 Structure and modularity

Evidence:

- Curricular structures
- Discussions with students and teaching staff

Preliminary assessment and analysis of the peers:

According to the peers, modularisation and structure of the curriculum allow for the completion of the degree programme in time.

The peers discussed with the students and the programme coordinators the possibility for an international exchange in form of a semester or a practical placement abroad. As the peers noticed from the dialogue with the students, they are interested to make use of the mobility window. The HEI and the involved staff fostered the field of international activities, for instance to develop double degree programmes with foreign HEIs. Within the framework of the INFINITY programme Erasmus mundus postgraduate's students and instructors have benefited from the possibility to study and to get a practical training within the consortium of the partner universities. The peers detected that the motivation of programme coordinators and involved staff are distinctive, but the HEI has still room for improvements. In this context they recommended with a view to internationalisation, to expand the mobility of students. In that respect cooperation with other HEIs, in particular HEIs abroad, should be further developed.

Criterion 3.2 Workload and credit points

Evidence:

- Curricular structures
- Module descriptions
- Discussions with students and teaching staff

Preliminary assessment and analysis of the peers:

The peers have got the impression that the HEI set the workload at a level that student have equal distribution per semester and the project time budgets are realistic so that students can complete their studies within the standard period of time. The student's working day included up to 9 academic hours. The students had a six days week with up to 54 academic hours. The panel members also learned that a weekly workload of 54

hours is expected and accepted by students. As a result, this leads to a workload which is higher than that accepted by the ECTS system and equivalent to that of a full-time employee, namely a maximum of 900h per semester. The panel appreciated the fact that the data on student progress and success rates as well as the statements of the students interviewed did not show any concern about the feasibility of the high workload. However, they noted that the university does not have any mechanisms implemented which would check the actual workloads of the students and consequently allow for amendments when necessary. They therefore questioned whether the workload is actually as high as the credit points would suggest or whether it could be ensured with certainty that structural pressure on the training quality is systematically avoided. Therefore, they considered necessary in this aspect. The HEI should also avoid in this context that no full credit points are awarded, in order to facilitate the mobility between different HEIs. Furthermore the peers deemed it for necessary in the long run to reconsider the allocation of credit points to modules. In the case of possible devastations the allocation of credits should be adjusted according to the time budget.

The experts took the view that the practical components are logically integrated into the curriculum. During the semester, the students had a variety of laboratory tests and at the end of the school year, students had sufficient time to pursue internships. During the discussion with the teaching staff, they confirmed that an instructor of the department Transport Systems and Logistics supervised the practical trainings.

Criterion 3.3 Educational methods

Evidence:

- module descriptions
- All educational materials, which ensure training under the degree programmes for the bachelors of transport technologies and Management (Logistics) are kept at the TSL Department, (<http://eprints.kname.edu.ua/>)

Preliminary assessment and analysis of the peers:

The peers learned that the division of teaching methods within the modules is prescribed by the so-called State Standards, but that theoretical teaching also occurred in the practical classes and laboratories. A great importance was also given to the self-study of students. The peers valued positively the student projects and the initiatives supported by the university.

The audit team also noticed that besides compulsory components a small but sufficient range of elective and compulsory elective subjects is offered to allow students to develop an individual focus. A corresponding catalogue of disciplines provided during the visit

supported this assessment. The teaching methods themselves were rather classical from the peers' point of view but appropriate. The ratio of taught contact hours to self-study was considered adequate.

Criterion 3.4 Support and advice

Evidence:

- Self-assessment report
- Discussions with students and teaching staff

Preliminary assessment and analysis of the peers:

The panel members found the relationships between teaching staff and students to be particularly noteworthy. The students convincingly confirmed that the teaching staff would be their first point of advice for any type of problem, not only directly study-related one. The peers thus noted a very good support of the students.

Final assessment of the peers after the comment of the Higher Education Institution regarding criterion 3:

The peers appreciated that the HEI plans to implement the European Credit Transfer System and in this context to reduce the number of hours from 36 to 30. Nevertheless the peers found it necessary to revise and adapt the workload contemporary (A.3). Moreover they see the recommendations remain justified (E. 5 and E. 6)

In order to support the endeavors of the faculty concerning the international cooperation, they upheld recommendation E.3.

4. Examination: System, Concept & Implementation

Criterion 4 Exams: System, concept & implementation

Evidence:

- State Emblem of Ukraine Ministry of Education of Ukraine Order 161 dated 02.06.93

Preliminary assessment and analysis of the peers:

The peers generally considered that all aspects regarding the type, organisation, distribution, and grading of examinations were regulated in a satisfactory manner. The opportunity for repeating a failed exam was thus limited to two times. As this might cause extensions of the standard period of study, the peers considered amendments to be necessary.

The form of exams as found in the module description suggested that mostly written exams were foreseen. The peers learned that individual teaching staff could not change the type of exam as stipulated in the module descriptions but in principle they were open minded towards modifications. The peers explained that the introductions of new didactical examinations could support the achievement of the intended learning outcomes in different ways. The audit team recommended defining the examination form with regard to the intended learning outcomes

The panel considered the number of exams per semester to be acceptable and found their assessment confirmed by the students who commented that sufficient time for preparation before and between the exams was given.

The programme coordinator explained the examination organization: Students are given breaks of 3-4 days to prepare for the following examination. The Examination timetable is announced to the students at least one month before the beginning of the examination period. The HEI also made specific exceptions outside of the examination period in case of disease, family circumstances etc.

Regarding the final thesis the peers learned from the self assessment report as well as from the verbal amendments of the HEI that the study programmes did not end with a final thesis or equivalent. By the transition from the degree Diploma to Bachelor the HEI disestablished the final thesis. Currently the students completed both study programmes with a final attestation. The final attestation of the level of knowledge is held by the transport systems and logistics department in form of a final state qualifications examination (state attestation). The auditors have got the impression that this final attestation is not complex enough to successfully prove that graduates have achieved the objective of coherently and systematically grasping problems in their disciplinary fields at a Bachelor level. From the perspective of the peers, this could best be assessed in a final project or equivalent, wherein the student proves that he is capable to carry out an assigned task independently and at a Bachelor's level of qualification. Because they deemed this as a necessary precondition of graduation, they urged the HEI to integrate such work into the curriculum of the Bachelor's programmes to be accredited.

Compensating disadvantages of handicapped students with regard to time-related and formal guidelines in the studies as well as in the final performance tests and those during the studies is ensured.

Final assessment of the peers after the comment of the Higher Education Institution regarding criterion 4:

The peers made no modifications regarding their proposed decision (A. 1 and E. 1).

5. Resources

Criterion 5.1 Staff involved

Evidence:

- staff handbook
- list of and information about research projects in the self-assessment report

Preliminary assessment and analysis of the peers:

The auditors considered the composition and qualification of the staff to be adequate in order to facilitate the achievement of the objectives of the degree programmes.

The auditors noted that research activities are only carried out on a small scale by the teaching staff. They were informed, though, that some projects in cooperation with industry and research activities were carried out by some staff members. In order to foster more the issue of participation in international environment, the peers would appreciate more options for teaching staff to participate in international conferences, seminars, projects and exchanges, also in non-Russian speaking areas.

Criterion 5.2 Staff development

Evidence:

- Megapolis Centre
- list of staff exchanges and external training in the self-assessment
- report discussion with rectorate and teaching staff (international lectures)

Preliminary assessment and analysis of the peers:

The auditors took note that various instruments to develop and train their didactic and professional skills are available to the staff members already, and that they make use of them.

Criterion 5.3 Institutional environment, financial and physical resources

Evidence:

- Visit of laboratories of the department Transport systems and logistics
- Information on library, indicators, university budget, indicators provided in the self-assessment report

Preliminary assessment and analysis of the peers:

During the on-site visit, the peers visited a variety of labs and lecture rooms. They found the infrastructure including the ordinary classrooms with or without using multimedia

equipment as suitable. Besides the funding of the Ministry of Education and Science of Ukraine the HEI is also endeavoured to cooperate with enterprises. The peers positively noted that the university is making very good use of its close connections to the industry and local and regional companies. Overall, the auditors found that the resources are sufficient in order to facilitate the achievement of the objectives of the degree programmes.

Final assessment of the peers after the comment of the Higher Education Institution regarding criterion 5:

The HEI use the peer's recommendation in a constructive way. They encouraged the university to facilitate the options for teaching staff to participate in international conferences, seminars, projects and exchanges in the long run (E. 4).

6. Quality Management: Further Development of Degree Programmes

Criterion 6.1 Quality assurance & further development

Evidence:

- Means of diagnostics of higher education quality. Requirements of state attestation
- Ministerial standards of higher education in Ukraine

Preliminary assessment and analysis of the peers:

In principle, the means of quality assurance introduced, established and put into practice by the HEI and the department were convincing. Peers took note of the decision of the HEI that responsibility for operating quality management and quality assurance is implemented on the faculty level. The auditors have got the impression that the quality processes are responsive with regard to building a reliable benchmark for substantially checking whether the intended objectives are achievable and reasonable, or for identifying any failure in achieving those objectives. To this end, they found that the feedback loops were consistently implemented. In particular, the discussion with students has brought to light that the results of course evaluations, which were conducted on a regular basis, were effectively communicated to students and discussed with the lecturers. The students mentioned positively the good direct relations to the teachers and the possibility of discussing their problems with them. Supervision, not only for evaluation, but as a tool of developing teaching competencies is implemented and integrated in the cycles of quality management.

Altogether, the auditors were satisfied with the quality management system and continual improvements of the degree programmes.

Criterion 6.2 Instruments, methods and data

Evidence:

- Description of the instruments and results of internal and external evaluation
- Statistics and data from quality management for both programmes

Preliminary assessment and analysis of the peers:

The peers took notice of the set of tools for quality assurance that were already in use. They learned that HEI carried out following assessments: workload survey, student questionnaires, analysis of course projects and examinations, graduates survey and analysis of the labour market and consultation with the employers. Specifically with regard to an adequate and reasonable allocation of credit points and also with view to the conformity of the programmes' objectives and content to the demands of economy and society, the peers understood the activities of the HEI. These tools systematically focus on student workload and graduates' employment success in order to check whether the study objectives and quality expectations of the HEI are achieved.

Final assessment of the peers after the comment of the Higher Education Institution regarding criterion 6:

All aspects of the criterion were considered to be fulfilled.

7. Documentation & Transparency

Criterion 7.1 Relevant Regulations

Evidence:

- Laws of Ukraine "On Education" and "On Higher Education";
- President's decrees № 451/95 dd. 16.06.95 , № 70/99 dd. 27.01.99 , № 109/2000 dd. 28.01.2000 , № 943/2000 dd. 01.08.2000 on the Provisions of the national status of the establishment (institution) in Ukraine;
- Resolution of the Cabinet of Ministers of Ukraine № 1074 dated 05.09.1996 on the Provisions of the state status of the higher educational establishment in Ukraine;
- № 161 dated 02.06.1993 on the provisions of training organization at higher educational establishments;

- № 191/153 dated 06.06.1996 on the provisions of academic leaves and retraining at higher educational establishments;
- № 245 dated 15.07.1996 on the provisions of the procedure of transfer, expulsion and readmission of students of higher educational establishments;
- Letter of the Department of higher education of the Ministry of Education and Science of Ukraine № 41-20/1070 dated 17.04.2006;
- Charter of KhNUME;
- Provisions of training organization at KhNUME ;
- Provisions of the credit transfer and accumulation system at KHNUME;
- Provisions of students' attestation and semester control;
- Procedures of setting and paying study allowance | Resolution N 882 | Cabinet of Ministers of Ukraine | 12.07.04.

Preliminary assessment and analysis of the peers:

The peers took note of the regulations made available. They found that the regulations include all the information necessary about the admission, course and completion of the degree.

Criterion 7.2 Diploma Supplement and Certificate

Evidence:

- Samples of Diploma Supplement for both programmes

Preliminary assessment and analysis of the peers:

The auditors took note of the respective Diploma Supplement for each study programme. They have got the impression that it provides sufficient information as to the study objectives and the learning outcomes, the nature, the level, the content and the status of the studies, the success of graduates as well as about the composition of the final grade.

Yet, the peers were missing statistical data in addition to the final mark according to the ECTS User's Guide so as to assist in interpreting the individual degree, or any regulation concerning the comparability of the individual degree in the European Higher Education Area (EHEA) as well as further details on the national higher education system. At the time of the site visit, the actualized samples of the Diploma Supplement were not available for the peers. In order to make a final assessment they will need the documents for verification.

Final assessment of the peers after the comment of the Higher Education Institution regarding criterion 7:

The University made the statement to prepare the diploma supplements according the European Standards in the nearest future. Until the implementation process is fully completed the audit team enunciated a requirement (A. 4).

All other aspects of the criterion were considered to be fulfilled.

D Additional Documents

Before preparing their final assessment, the panel asks the following missing or unclear information to be provided together with the comment of the Higher Education Institution on the previous chapters of this report:

D 1. Actualized Samples of Diploma Supplement

E Comment of the Higher Education Institution (30.04.2014)

The institution provided a statement.

F Summary: Peer recommendations (28.04.2014)

Taking into account the additional information and the comments given by HEI the peers summarize their analysis and **final assessment** for the award of the seals as follows:

Degree Programme	ASIIN seal	Subject-specific Label
Ba Management (Logistics)	With requirements	EUR-ACE® is not awarded
Ba Transport Technologies	With requirements	EUR-ACE®

Requirements

For all degree programmes

- A 1. (ASIIN 4) The programme must encompass a final thesis (or other equivalent to a final thesis, wherein the student proves that he is capable to carry out an assigned task independently and at the Bachelor level of qualification).
- A 2. (ASIIN 2.3) The module descriptions must be updated according to the comments made in the accreditation report (distinction between content and learning outcomes/form and duration of the examinations/consistency).
- A 3. (ASIIN 3.2) The students' workload per semester must be set at a level that avoids structural pressure on training quality. In line with the ECTS Users' Guide, the workload per semester must not exceed that of a full-time employee (maximum of 900h). The ECTS credits awarded must be adapted accordingly.
- A 4. (ASIIN 7.2) A programme-specific document (e.g. Diploma Supplement) has to be prepared and handed out to graduates on a regular basis providing information

about the objectives, intended learning outcomes, structure and level of the degree, as well as about an individual's performance.

Recommendations

For all degree programmes

- E 1. (ASIIN 4) It is recommended to revise examination methods such that they consistently reflect the intended learning outcomes of the individual modules.
- E 2. (ASIIN 2.6) It is recommended to include the English language into the subject-specific teaching.
- E 3. (ASIIN 3.1) It is recommended, with a view to internationalization, to expand/enhance the mobility of students. In that respect cooperation with other HEIs, in particular HEIs abroad, should be further developed.
- E 4. (ASIIN 5.1) It is recommended to facilitate the options for teaching staff to participate in international conferences, seminars, projects and exchanges.
- E 5. (ASIIN 3.2) It is recommended to avoid fractional credit points.
- E 6. (ASIIN 3.2) It is recommended to reconsider the allocation of credit points to modules and if necessary to adjust the allocation of credit points to the time budget.

For the Bachelor's degree programme Logistics

- E 7. (ASIIN 2.6) It is recommended to strengthen in the curriculum the role of ICT (Information and Communication technology) in logistics and its impact on the logistical processes.

G Comment of the Technical Committees Technical Committee 01- Mechanical Engineering/Process Engineering (05.06.2014)

Assessment and analysis for the award of the ASIIN seal:

The Technical Committee fully agrees with the views and recommendations of the peers.

Assessment and analysis for the award of the EUR-ACE® Label:

The Technical Committee deems that the intended learning outcomes of the degree programmes do comply with the engineering specific part of Subject-Specific Criteria of the Technical Committee 01 - Mechanical Engineering/Process Engineering.

The Technical Committee 01- Mechanical Engineering/Process Engineering recommends the award of the seals as follows:

Degree Programme	ASIIN seal	Subject-specific Label
Ba Transport Technologies	With requirements	EUR-ACE®

Technical Committee 06- Industrial Engineering (05.06.2014)

Assessment and analysis for the award of the ASIIN seal:

The Technical Committee makes a small amendment at the requirement one in order to emphasize the fact that it should be a scientific work. Furthermore the Technical Committee fully agrees with the views and recommendations of the peers.

Assessment and analysis for the award of the EUR-ACE® Label:

The Technical Committee deems that the intended learning outcomes of the degree programme Transport Technologies do comply with the engineering specific part of Subject-Specific Criteria of the Technical Committee 06 - Industrial Engineering. Concerning the degree programme Management (Logistics) the Technical Committee shares the peers view not to award the EUR-ACE label.

The Technical Committee 06- Industrial Engineering recommends the award of the seals as follows:

Degree Programme	ASIIN seal	Subject-specific Label
Ba Management (Logistics)	With requirements	EUR-ACE® is not awarded
Ba Transport Technologies	With requirements	EUR-ACE®

H Decision of the Accreditation Commission (27.06.2014)

Assessment and analysis for the award of the subject-specific ASIIN seal:

The Accreditation Commission discussed the procedure and made minor editorial amendments to the requirements and recommendations. With regard to requirement 1, the Accreditation Commission deleted the second part of the requirement. Furthermore, the Accreditation Commission agreed with the assessment of the peers and Technical Committees.

Assessment and analysis for the award of the EUR-ACE® Label:

The Accreditation Commission deemed that the intended learning outcomes of the degree programme Transport Technologies comply with the engineering specific parts of the Subject-Specific Criteria of the Technical Committee 01 - Mechanical Engineering/Process Engineering and 06 - Industrial Engineering. Concerning the degree programme Management (Logistics) the Accreditation commission agreed with the opinion of the peers and the Technical Committees.

The Accreditation Commission for Degree Programmes decides to award the following seals:

Degree Programme	ASIIN seal	Subject-specific Label
Ba Management (Logistics)	With requirements	EUR-ACE® is not awarded
Ba Transport Technologies	With requirements	EUR-ACE®

Requirements

For all degree programmes

- A 1. (ASIIN 4) The programme must encompass a final thesis or equivalent.
- A 2. (ASIIN 2.3) The module descriptions must be updated according to the comments made in the accreditation report (distinction between content and learning outcomes/form and duration of the examinations/consistency).

- A 3. (ASIIN 3.2) The students' workload per semester must be set at a level that avoids structural pressure on training quality. In line with the ECTS Users' Guide, the workload per semester must not exceed that of a full-time employee (maximum of 900h). The ECTS credits awarded must be adapted accordingly.
- A 4. (ASIIN 7.2) A programme-specific document (e.g. Diploma Supplement) has to be compulsively prepared and handed out to graduates providing information about the objectives, intended learning outcomes, structure and level of the degree, as well as about an individual's performance.

Recommendations

For all degree programmes

- E 1. (ASIIN 4) It is recommended to revise examination methods so that they consistently reflect the intended learning outcomes of the individual modules.
- E 2. (ASIIN 2.6) It is recommended to include English language into the subject-specific teaching.
- E 3. (ASIIN 3.1) It is recommended, with a view to internationalization, to expand/enhance the mobility of students. In that respect, cooperation with other HEIs, in particular HEIs abroad, should be further developed.
- E 4. (ASIIN 5.1) It is recommended to facilitate the options for teaching staff to participate in international conferences, seminars, projects and exchanges.
- E 5. (ASIIN 3.2) It is recommended to avoid fractional credit points.
- E 6. (ASIIN 3.2) It is recommended to reconsider the allocation of credit points to modules and if necessary to adjust the allocation of credit points to the time budget.

For the Bachelor's degree programme Logistics

- E 7. (ASIIN 2.6) It is recommended to strengthen the role of ICT (Information and Communication technology) in logistics and its impact on the logistical processes.

H Fulfilment of Requirements (27.06.2015)

For all degree programmes

A 1. (ASIIN 4) The programme must encompass a final thesis or equivalent.

First Treatment	
Peers	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: The curriculum now incorporates a final graduation project resulting in a paper, which is accorded 15 credits. In return, the optional part 2.2 has been reduced.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>
TC 01	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: The curriculum now incorporates a final graduation project resulting in a paper, which is accorded 15 credits. In return, the optional part 2.2 has been reduced.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>
TC 06	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: The curriculum now incorporates a final graduation project resulting in a paper, which is accorded 15 credits. In return, the optional part 2.2 has been reduced.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>

AC	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: The curriculum now incorporates a final graduation project resulting in a paper, which is accorded 15 credits. In return, the optional part 2.2 has been reduced.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>
----	---

- A 2. (ASIIN 2.3) The module descriptions must be updated according to the comments made in the accreditation report (distinction between content and learning outcomes/form and duration of the examinations/consistency).

First Treatment	
Peers	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: The descriptions of all modules have been revised: The contents are now clearly presented and separated from the objectives. The form and duration of the examination is specified for each module.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>
TC 01	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: The descriptions of all modules have been revised: The contents are now clearly presented and separated from the objectives. The form and duration of the examination is specified for each module.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>

TC 06	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: The descriptions of all modules have been revised: The contents are now clearly presented and separated from the objectives. The form and duration of the examination is specified for each module.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>
AC	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: The descriptions of all modules have been revised: The contents are now clearly presented and separated from the objectives. The form and duration of the examination is specified for each module.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation]</p>

- A 3. (ASIIN 3.2) The students' workload per semester must be set at a level that avoids structural pressure on training quality. In line with the ECTS Users' Guide, the workload per semester must not exceed that of a full-time employee (maximum of 900h). The ECTS credits awarded must be adapted accordingly.

First Treatment	
Peers	<p>Not Fullfiled</p> <p>Justification:</p> <p>Ba Transport: The curriculum still allots 36 academic hours to 1 ECTS credit. The reduction to 30 hours is envisaged following a new law which becomes effective in September 2015.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>

TC 01	Fulfilled
TC 06	<p>Not fulfilled</p> <p>Justification:</p> <p>Ba Transport: The technical committee discussed the requirement 3. By the fact that the reduction to 30 h becomes effective in September the committee considered that the requirement is not yet completely fulfilled. The higher education institution should prove the implementation of the new law.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>
AC	<p>Not fulfilled</p> <p>Justification:</p> <p>Ba Transport: The technical committee discussed the requirement 3. By the fact that the reduction to 30 h becomes effective in September the committee considered that the requirement is not yet completely fulfilled. The higher education institution should prove the implementation of the new law.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>

- A 4. (ASIIN 7.2) A programme-specific document (e.g. Diploma Supplement) has to be compulsively prepared and handed out to graduates providing information about the objectives, intended learning outcomes, structure and level of the degree, as well as about an individual's performance.

First Treatment	
Peers	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: A diploma supplement has been elaborated.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>

TC 01	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: A diploma supplement has been elaborated.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>
TC 06	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: A diploma supplement has been elaborated.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>
AC	<p>Fulfilled (Ba Transport) Not fulfilled (Ba Management Logistics)</p> <p>Justification:</p> <p>Ba Transport: A diploma supplement has been elaborated.</p> <p>Ba Management Logistics: The HEI asked for six month prolongation</p>

The accreditation commission decides the prolongation of the accreditation as follows:

Degree Programme	ASIIN seal	Subject-specific Label
Ba Management (Logistics)	Requirements not fulfilled, six month extension	--
Ba Transport Technologies	Requirement 3 not fulfilled, six month extension	EUR-ACE®

I Fulfilment of Requirements (11.12.2015)

For all degree programmes

A 1. (ASIIN 4) The programme must encompass a final thesis or equivalent.

Second Treatment	
Peers	Fulfilled Ba Logistics Justification: The curriculum now incorporates a final graduation project resulting in a paper (. Appendix B), which is accorded 12 credits
TC 01	Fulfilled Ba Logistics Justification: The curriculum now incorporates a final graduation project resulting in a paper (. Appendix B), which is accorded 12 credits
TC 06	Fulfilled Ba Logistics Justification: The curriculum now incorporates a final graduation project resulting in a paper (. Appendix B), which is accorded 12 credits
AC	Fulfilled Ba Logistics Justification: The curriculum now incorporates a final graduation project resulting in a paper (. Appendix B), which is accorded 12 credits

A 2. (ASIIN 2.3) The module descriptions must be updated according to the comments made in the accreditation report (distinction between content and learning outcomes/form and duration of the examinations/consistency).

Second Treatment	
Peers	Fulfilled Management Logistics Justification: The descriptions of all modules have been revised: The contents are now clearly presented and separated from the objectives. The form and duration of the examination is specified for each module.
TC 01	Fulfilled Ba Management Logistics Justification: The descriptions of all modules have been revised:

	The contents are now clearly presented and separated from the objectives. The form and duration of the examination is specified for each module.
TC 06	Fulfilled Management Logistics Justification: The descriptions of all modules have been revised: The contents are now clearly presented and separated from the objectives. The form and duration of the examination is specified for each module.
AC	Fulfilled Ba Management Logistics Justification: The descriptions of all modules have been revised: The contents are now clearly presented and separated from the objectives. The form and duration of the examination is specified for each module.

- A 3. (ASIIN 3.2) The students' workload per semester must be set at a level that avoids structural pressure on training quality. In line with the ECTS Users' Guide, the workload per semester must not exceed that of a full-time employee (maximum of 900h). The ECTS credits awarded must be adapted accordingly.

Second Treatment	
Peers	Fulfilled for both programs Justification: With the adoption of the new law on Higher Education the workload is now per ETCS credit 30 hours (in the documentation).
TC 01	Fulfilled for both programs Justification: With the adoption of the new law on Higher Education the workload is now per ETCS credit 30 hours (in the documentation).
TC 06	Fulfilled for both programs Justification: With the adoption of the new law on Higher Education the workload is now per ETCS credit 30 hours (in the documentation).
AC	Fulfilled for both programs Justification: With the adoption of the new law on Higher Educa-

	tion the workload is now per ETCS credit 30 hours (in the documentation).
--	---

A 4. (ASIIN 7.2) A programme-specific document (e.g. Diploma Supplement) has to be compulsively prepared and handed out to graduates providing information about the objectives, intended learning outcomes, structure and level of the degree, as well as about an individual's performance.

Second Treatment	
Peers	Fulfilled for Ba Management Logistics Justification: A diploma supplement has been elaborated.
TC 01	Fulfilled for Ba Management Logistics Justification: A diploma supplement has been elaborated.
TC 06	Fulfilled for Ba Management Logistics Justification: A diploma supplement has been elaborated.
AC	Fulfilled for Ba Management Logistics Justification: A diploma supplement has been elaborated.

The accreditation commission decides the prolongation of the accreditation as follows:

Degree Programme	ASIIN seal	Subject-specific Label
Ba Management (Logistics)	Requirements fulfilled	--
Ba Transport Technologies	Requirements fulfilled	EUR-ACE®