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***UNIVERSITY OF PRISHTINA “HASAN PRISHTINA”
ENVIRONMENTAL ENGINEERING BSc***

RE-ACCREDITATION

REPORT OF THE EXPERT TEAM

2nd June 2022



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1. INTRODUCTION

1.1. Context

Date of online evaluation: 17th of May 2022

Expert Team (ET):

- Prof. Dr. Gábor Dombay
- Expert student Marko Komso

Coordinators from Kosovo Accreditation Agency (KAA):

- Leona Kovaçi, KAA Officer

Sources of information for the Report:

- Self-Evaluation Report (SER) submitted by UP's Faculty of Civil Engineering;
- Information obtained during the online meetings;
- Meetings conducted with the management of the institution and program, quality assurance representatives and administrative, teaching staff, students, graduates, employers of graduates and external stakeholders;

Criteria used for program evaluation:

- KAA Accreditation Manual 2021



1.2. Online meeting schedule

17th May 2021

<u>Time</u>	<u>Meeting</u>	<u>Participants/Comments</u>
09:00 – 09:45	Meeting with the management of the faculty where the programme is integrated	<u>Joint meeting</u> <u>Prof.ass.Dr.Florim Grajçevci, Dean</u> <u>Prof.ass.Dr.Hajdar Sadiku, Vice Dean</u> <u>Prof.ass.Dr.Ymer Kuka, Vice Dean</u> <u>Ms. Valdete Shala, FCE Secretary</u>
09.50 – 10.35	Meeting with quality assurance representatives and administrative staff	<u>Joint meeting</u> <u>Quality insurance</u> <u>Prof. Dr. Naser Kabashi</u> <u>Prof.Ass. Dr Esat Gashi</u> <u>MSc Besnik Loxha</u> <u>Administrative staff:</u> <u>Valon Kurtaj</u> <u>Agon Begiri</u> <u>Meriton Shabani</u> <u>Mevlude Rrmoku</u>
10:45 – 11:45	Meeting with the heads of the study programme	Prof.asoc.Dr.Figene Ahmedi Prof.ass.Dr.Cenë Krasniqi Dr.Sc.Zijadin Guri



11:45 – 12:45	<u>Lunch break</u>	
12:45 – 13:30	Meeting with teaching staff	Prof.Dr.Abdullah Zejnullahi Prof.asoc.Dr.Laura Kusari Prof.ass.Dr.Esat Gashi Prof.ass.Dr.Lavdim Osmanaj MSc.Venera Hajdari MSc.Premton Thaqi
13:35 – 14:10	Meeting with students	Elita Ferati Bleona Kuleta Leonita Mecini Aunita Gallapeni Rigona Gallapeni Blena Vrajolli
14:20 – 15:05	Meeting with graduates	Nuraj Hysaj Rozafa Spahiu Elena Besholli Qëndresa Berisha Arlinda Cakaj Vlerë Krasniqi



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15:10 – 15:55	Meeting with employers of graduates and external stakeholders	Hidroterm, Naser Berisha Alfa I, Halil Jahaj Infraplus, Musa Islamaj Hidroing, Eta Morina KRU Prishtina, Sokol Xhafa
15:55 – 16:00	Internal meeting of KAA staff and experts	
16:00 – 16:10	Closing meeting with the management of the Faculty and program	<u>Joint meeting</u> <u>Prof.ass.Dr.Florim Grajçevci, Dean</u> <u>Prof.ass.Dr.Hajdar Sadiku, Vice Dean</u> <u>Prof.ass.Dr.Ymer Kuka, Vice Dean</u> <u>Ms. Valdete Shala, FCE Secretary</u>



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1.3. A brief overview of the institution and programs under evaluation

The **Faculty of Civil Engineering (FCE)** as an academic unit of the **University of Prishtina** is a public institution of higher education, which organizes and develops university studies, high scientific and professional work. The main role of a modern academic unit for democratic society, is to provide professional education and upgrades by following contemporary scientific developments in the relevant field of studies.

The FCE The mission of FCE is based on the mission of the University of Prishtina for the development of academic activities, research, scientific work and to create professional staff of higher education for the labor market for the fields of civil engineering in accordance with strategic and developmental interests in country level.

Teaching and research are the main activity of this academic unit. The activity of an academic unit is characterized by the interaction between the teaching activity and the scientific-research activity. This is due to the fact that, in order to achieve the desired results in studies, teaching must be inseparable from scientific research.

Within the ongoing activities developed at the FCE, the main focus is on below listed orientations and achievements:

- teaching - learning, which at the same time represent one of two main activities,
- continuous scientific research in the service of society and the country in general,
- professionals compatible with market requirements,
- development of activities required according to the market demands,
- providing services and expertise to third parties,
- research on patent development by academic staff.

The purpose of the FCE is to have a leading role in the development of education, science, society and the economy, as well as to create and support the highest standards in teaching and learning, without leaving aside the scientific research. The FCE seeks to fit into the European standards and to be fully integrated into the European Higher Education Area according to the Bologna Declaration.

The FCE vision is to create, develop, protect and transmit knowledge through teaching and research work, as well as provide opportunities for all residents of Kosovo, who would benefit from this education throughout their lifelong experience, without any constrains.

In addition, the university level studies within academic units, are able to prepare students to easily adapt to the basic positions at the labour market. At the same time, the university level



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creates good premises for continuing further studies at higher levels, through easily transferable knowledge in related disciplines.

At the Faculty of Civil Engineering the following programme is for re-accreditation:
- Bachelor Environmental Engineering (BSc)

The Environmental Engineering BSc (BScEE) study programme is summarized in the following tables:

Name of the Institution:	University of Prishtina "Hasan Prishtina"
Faculty/Department:	Faculty of Civil Engineering
Main and/or Branch Campus:	Main Campus
Specify the Branch you are applying for:	NA
Name of the Study Programme:	Program of Environmental Engineering
Person in charge for the study programme:	Prof.Asoc.Dr.Figene Ahmedi
Accreditation/Reaccreditation:	Reaccreditation
Level of qualification according to NQF:	Level VI
Academic degree or the name of Diploma:	Bachelor of Civil Engineering in Environmental Engineering program
ECTS:	180
Profile of the academic program (specialisation):	Environmental Engineering
Erasmus Subject Area Codes (ESAC):	06.9
Form of studies:	Full Time
Minimum duration of studies:	3 years
Number of study places:	40
Permanent scientific/artistic personnel for the Study Programme (at least 3 PhD):	Prof.Asoc.Dr.Figene Ahmedi Prof.Ass.Dr.Cene Krasniqi Ass.Dr. Zijadin Guri



Year I						
Semester I			Hours/ Week			
No.	M/E	Subject	L	E	ECTS	Professor
1	M	Mathematics I	2	2	6	Prof. Dr. Fevzi Berisha
2	M	General chemistry	2	2	6	Prof. Dr. Ismet Hashani
3	M	Physics	2	2	6	Prof. Asoc. Dr. Skender Ahmetaj
4	M	Introduction to environmental engineering	2	2	6	Prof. Ass. Dr. Mimoza Dugolli
5	M	Introduction to construction engineering and impact in environment	2	0	3	Prof. Ass. Dr. Hajdar Sadiku
6	M	English language	2	0	3	Ardita Ibishi, lektor
Semester II			Hours/ Week			
No.	M/E	Subject	L	E	ECTS	Professor
1	M	Mathematics II	2	2	6	Prof. Dr. Fevzi Berisha
2	M	Environmental chemistry	2	2	6	Prof. Dr. Ismet Hashani
3	M	Mechanics	2	2	6	Prof. Ass. Dr. Hajdar Sadiku
4	M	Descriptive geometry	2	2	6	Prof. Asoc. Dr. Arta Basha-Jakupi
5	M	Introduction to informatics and programming	2	2	6	Prof. Ass. Dr. Milot Muhaxheri Ass. Dr. Zijadin Guri
Year II						
Semester III			Hours/ Week			
No.	M/E	Subject	L	E	ECTS	Professor
1	M	Engineering thermodynamics	2	2	6	Prof. Dr. Ali Muriqi
2	M	Environmental microbiology	2	2	6	Prof. Dr. Idriz Vehapi
3	M	Buliding materials	2	2	6	Prof. Ass. Dr. Cenë Krasniqi
4	M	Engineering geology	2	1	3	Prof. Dr. Islam Fejza
5	M	Meteorology	2	1	3	Prof. Ass. Dr. Milot Muhaxheri
6	E	Health safety	2	0	3	Prof. Ass. Dr. Naim Jerliu
7	E	Engineering economy	2	0	3	Prof. Ass. Dr. Mimoza Dugolli
8	E	Probability and statistics	2	1	3	Prof. Dr. Abdullah Zejnullahu
Semester IV			Hours/ Week			
No.	M/E	Subject	L	E	ECTS	Professor
1	M	Fluid mechanics	2	2	6	Prof. Asoc. Dr. Laura Kusari
2	M	Hydrology	2	2	6	Prof. Asoc. Dr. Naim Hasani



3	M	Soil mechanics	2	2	6	Prof. Asoc. Dr. Neritan Shkodrani
4	M	Urban water management	2	2	6	Prof. Asoc. Dr. Figene Ahmedi
5	E	Landfill design	2	1	3	Prof. Asoc. Dr. Neritan Shkodrani Ass. Dr. Zijadin Guri
6	E	Environmental modeling principles	2	0	3	Prof. Ass. Dr. Lavdim Osmanaj
7	E	Air pollution control	2	1	3	Dr. Sc. Anjeza Alaj
8	E	Law on environmental protection	2	0	3	Dr. Sc. Anjeza Alaj
Year III						
Semester V			Hours/ Week			
No.	M/E	Subject	L	E	ECTS	Professor
1	M	Environmental data analyzes	2	2	6	Prof. Ass. Dr. Lavdim Osmanaj
2	M	Solid waste management	2	2	6	Dr. Sc. Anjeza Alaj
3	M	Wastewater treatment technologies	2	2	6	Prof. Asoc. Dr. Figene Ahmedi
4	M	Impact of urban planning in environment	2	2	6	Prof. Ass. Dr. Mimoza Dugolli
5	E	Environmental impact assessment	2	0	3	Dr. Sc. Anjeza Alaj
6	E	Energy and environment	2	0	3	Prof. Ass. Dr. Mimoza Dugolli
7	E	Project management	2	0	3	Prof. Ass. Dr. Esat Gashi
8	E	Flood protection	2	1	3	Prof. Asoc. Dr. Laura Kusari
Semester VI			Hours/ Week			
No.	M/E	Subject	L	E	ECTS	Professor
1	M	On-site decentralized wastewater treatment systems	2	2	6	Prof. Asoc. Dr. Figene Ahmedi
2	M	Practical work - Internship	4	0	6	Prof. Ass. Dr. Milot Muhaxheri
3	M	GIS in environment	2	1	3	Prof. Asoc. Dr. Përparim Ameti
4	E	Polymer materials and applications in environmental engineering	2	1	3	Prof. Ass. Dr. Milot Muhaxheri
5	E	Hydrogeology	2	1	3	Prof. Asoc. Dr. Naim Hasani
6	E	CAD	2	0	3	Prof. Asoc. Dr. Arta Basha-Jakupi
7	E	General ecology	2	0	3	Prof. Ass. Dr. Bekim Gashi
8	E	Earth observation	2	0	3	Prof. Asoc. Dr. Përparim Ameti
9	M	Bachelor thesis	/	/	9	



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The mission of BScEE study program complies with the overall mission statement of the Faculty of Civil Engineering. The program is oriented to teaching, ongoing scientific research and the provision of a program designed to meet the three main goals of the program. The BScEE study program has a well-defined didactic and research concept. All staff and students of the BScEE study program are in compliance with internal policies related to ethical behaviour in teaching, research and assessment in all academic and administrative activities.

The program aims to achieve these three main goals: 1. Educate generations of environmental engineers in order to address the challenges related to the field of environmental engineering; 2. Create, develop and disseminate new knowledge; 3. Play a leading role in offering interdisciplinary education in order to solve the problems that society faces. In fact, the strategy of the Faculty of Civil Engineering regarding the study structure and study program is to provide clear education by creating conditions: to be open to new ideas, creativity, committed to learning throughout life and to being sustainable. The BScEE study program is geared towards fulfilling the overall goals of FCE by providing materials with modern and up to date content that are flexible and easily adaptable to local, regional and global market demands.



2. PROGRAM EVALUATION

The program evaluation consists 7 sub headings through which the educational process content, students, research and resources are assessed, as well as quality assurance, mission and objectives, according to the requirements of KAA Accreditation Manual 2021.

2.1. Mission, objectives and administration

In 2018 KAA introduced its new accreditation standards which defines the framework of evaluation. The Self Evaluation Report (SER) of UP Environmental Engineering Program follows the structure of the Accreditation Manual, briefly referring to the compliance of each standard. The SER it is clearly written, and includes all of the necessary points needed for the reaccreditation process in sufficient detail.

The SER has a dedicated chapter for the actions and improvements triggered by the recommendation of the ET of the 2019 re-accreditation process. This chapter clearly shows the dedication of the Faculty to further improve the study programme using the re-accreditation process as an opportunity in the process. The ET was fairly impressed by the outcomes.

The mission statements are clearly defined in compliance with the overall mission statement of University of Prishtina.

As the ET was informed during the meetings professional advice and consultation was taken into account in the creation of the curricula of the programs. The Industrial Board of the Faculty supports the study programme from the practical aspects of the professional field, which is fairly beneficial for the study programme. Didactic and research concepts are defined. Formal policies, guidelines and regulations are set.



Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 1.1.</i> The study program mission is in compliance with the overall mission statement of the institution.	X	
<i>Standard 1.2.</i> Relevant academic and professional advice is considered when defining the intended learning outcomes which are consistent with the National Qualifications Framework and the Framework for Qualifications of the European Higher Education Area.	X	
<i>Standard 1.3.</i> The study program has a well-defined overarching didactic and research concept.	X	
<i>Standard 1.4.</i> There are formal policies, guidelines and regulations dealing with recurring procedural or academic issues. These are made publicly available to all staff and students.	X	
<i>Standard 1.5.</i> All staff and students comply with the internal regulations relating to ethical conduct in research, teaching, assessment in all academic and administrative activities.	X	
<i>Standard 1.6.</i> All policies, regulations, terms of reference and statements of responsibility relating to the management and delivery of the program are reviewed at least once every two years and amended as required in the light of changing circumstances	X	

Compliance level: 100% - Fully compliant

ET recommendations:

1. *A detailed strategic research development plan should be prepared for the Environmental Engineering BSc programme.*



2.2. Quality management

Quality management aspects of the study programme are elaborate, efficient and effective. A wide range of surveys are used for the process of data collection. All of the KAA standards are addressed in the SER. The Faculty has a QA committee, quality surveys and feedback mechanisms are established. Faculty industrial board and the alumni association are important elements in the feedback mechanism.

The basis of the QA is the electronic SEMS system, which can make surveys, evaluation and feedback processes fairly effective, and enables the integration of the actual academic data of the study programs in these processes. Student participation is ensured also by the SEMS system.

In the 2019 re-accreditation process the ET criticised the lack of publicly available quality report (Standard 2.6). Since then the Faculty has been publishing this on its web page.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 2.1.</i> All staff participate in self-evaluations and cooperate with reporting and improvement processes in their sphere of activity.	X	
<i>Standard 2.2.</i> Evaluation processes and planning for improvement are integrated into normal planning processes.	X	
<i>Standard 2.3.</i> Quality assurance processes deal with all aspects of program planning and delivery, including services and resources provided by other parts of the institution.	X	
<i>Standard 2.4.</i> Quality evaluations provide an overview of quality issues for the overall program as well as of different components within it; the evaluations consider inputs, processes and outputs, with particular attention given to learning outcomes for students	X	
<i>Standard 2.5.</i> Quality assurance processes ensure both that required standards are met and that there is continuing improvement in performance.	X	
<i>Standard 2.6.</i> Survey data is being collected from students, graduates and employers; the results of these evaluations are made publicly available.	X	



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<i>Standard 2.7.</i> Results of the internal quality assurance system are taken into account for further development of the study program. This includes evaluation results, investigation of the student workload, academic success and employment of graduates.	X	
<i>Standard 2.8.</i> The institution ensures that reports on the overall quality of the program are prepared periodically (eg. every three years) for consideration within the institution indicating its strengths and weaknesses.	X	
<i>Standard 2.9.</i> The quality assurance arrangements for the program are themselves regularly evaluated and improved.	X	

Compliance level: 100% - Substantially compliant

ET recommendations:

- 1. The most relevant Key Quality Indicators used in the QA process should be included in the SER. This would provide more tangible basis for the evaluation process.*



2.3. Academic staff

Based on the staff CVs the ET considers that teaching staff complies with the relevant legal requirements, they possess the necessary qualifications needed for the study programme.

The SER contains the required summary table (Table 3) of the teaching staff, clearly indicating full time and part time occupations. Based on the SER, the academic staff of the Environmental Engineering programme is comprised of 18 full time, 5 part time and 1 visitor academic personnel. Based on this data 75% of the academic staff is full time employee, hence the 50% criteria for full time staff of Standard 3.4. is fulfilled. This is a significant improvement since the 2019 re-accreditation, when only 48% of the staff was full time. Out of the 18 full time staff 18 persons are scientifically qualified (Dr.Sc.), which is the ET considers an outstanding quality indicator.

The SER provides information about trainings organized for the academic staff, which are mostly related to teaching methodology, but not professional development. The ET thinks that the Faculty should elaborate a professional development plan for its existing staff into its development strategy.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 3.1.</i> Candidates for employment are provided with full position descriptions and conditions of employment. To be presented in tabular form data about full time (FT) and part time (PT) academic/ artistic staff, such as: name, qualification, academic title, duration of official (valid) contract, workload for teaching, exams, consulting, administrative activities, research, etc. for the study program under evaluation.	X	



<i>Standard 3.2.</i> The teaching staff must comply with the legal requirements concerning the occupation of teaching positions included in the Administrative instruction on Accreditation.	X	
<i>Standard 3.3.</i> Academic staff do not cover, within an academic year, more than two teaching positions (one full-time, one part-time), regardless of the educational institution where they carry out their activity.	X	
<i>Standard 3.4.</i> At least 50% of the academic staff in the study program are full time employees, and account for at least 50% of the classes of the study program.	X	
<i>Standard 3.5.</i> For each student group (defined by the statute of the institution) and for every 60 ECTS credits in the study program, the institution has employed at least one full time staff with PhD title or equivalent title in the case of artistic/applied science institutions.	X	
<i>Standard 3.6.</i> Opportunities are provided for additional professional development of teaching staff, with special assistance given to any who are facing difficulties.	X	
<i>Standard 3.7.</i> The responsibilities of all teaching staff, especially full-time, include the engagement in the academic community, availability for consultations with students and community service.	X	
<i>Standard 3.8.</i> Academic staff evaluation is conducted regularly at least through self-evaluation, students, peer and superiors' evaluations, and occur on a formal basis at least once each year. The results of the evaluation are made publicly available.	X	
<i>Standard 3.9.</i> Strategies for quality enhancement include improving the teaching strategies and quality of learning materials.	X	
<i>Standard 3.10.</i> Teachers retired at age limit or for other reasons lose the status of full-time teachers and are considered part-time teachers.	X	

Compliance level: 100% - Fully compliant

ET recommendations:

1. *Elaborate professional staff development plan of the existing staff is to be integrated in the strategic development plan.*



2.4. Educational process content

In the Environmental Engineering BSc program the ratio of theory and practice related subjects is favourable. The courses cover all major areas of environmental engineering on a bachelor level. The curricula complies with the contemporary international study programs, and it takes into account the necessities that Kosovo faces due to recent and prospective developments.

In the last re-accreditation process the ET recommended the integration of an obligatory summer internship in the programme, which recommendation the Faculty carried out.

The cooperation with companies and institutions regarding to student involvement in internships and site visits is good. As the ET was informed during the meetings with former graduates and also industrial stakeholders, the educational content of the programme is esteemed. The Faculty is also open for recommendations of the Industrial Board, which the ET considers useful and a good practice.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 4.1.</i> The study program is modelled on qualification objectives. These include subject-related and interdisciplinary aspects as well as the acquisition of disciplinary, methodological and generic skills and competencies. The aspects refer especially to academic or artistic competencies, to the capability of taking up adequate employment, contributing to the civil society and of developing the students' personality.	X	
<i>Standard 4.2.</i> The study program complies with the National Qualifications Framework and the Framework for Qualifications of the European Higher Education Area. The individual components of the program are combined in a way to best achieve the specified qualification objectives and provide for adequate forms of teaching and learning.	X	
<i>Standard 4.3.</i> The disciplines within the curriculum are provided in a logical flow and meet the definition and precise determination of the general and specific competencies, as well as the compatibility with the study programs and	X	



curricula delivered in the EHEA. To be listed at least 7 learning outcomes for the study program under evaluation.		
<i>Standard 4.4.</i> The disciplines within the curriculum have analytical syllabuses which comprise at least the following: the discipline's objectives, the basic thematic content, learning outcomes, the distribution of classes, seminars and applicative activities, students' assessment system, the minimal bibliography, etc. The full course description/ syllabuses of each subject/ module should be attached only in electronic form to the self-assessment report for the study program under evaluation.	X	
<i>Standard 4.5.</i> If the language of instruction is other than Albanian, actions are taken to ensure that language skills of both students and academic staff are adequate for instruction in that language when students begin their studies. This may be done through language training prior to the commencement of the program.	X	
<i>Standard 4.6.</i> The student-teacher relationship is a partnership in which each assumes the responsibility of reaching the learning outcomes. Learning outcomes are explained and discussed with students from the perspective of their relevance to the students' development.	X	
<i>Standard 4.7.</i> Teaching strategies are fit for the different types of learning outcomes programs are intended to develop. Strategies of teaching and assessment set out in program and course specifications are followed with flexibility to meet the needs of different groups of students.	X	
<i>Standard 4.8.</i> Student assessment mechanisms are conducted fairly and objectively, are appropriate for the different forms of learning sought and are clearly communicated to students at the beginning of courses.	X	
<i>Standard 4.9.</i> Appropriate, valid and reliable mechanisms are used for verifying standards of student achievement. The standard of work required for different grades is consistent over time, comparable in courses offered within a program, and in comparison with other study programs at highly regarded institutions.	X	
<i>Standard 4.10.</i> Policies and procedures include actions to be taken in to dealing with situations where standards of student achievement are inadequate or KAA inconsistently assessed.	X	
<i>Standard 4.11.</i> If the study program includes practice stages, the intended student learning outcomes are clearly specified and effective processes are followed to ensure that those learning outcomes and the strategies to develop that learning are understood by students. The practice stages are allocated ETCS credits and the work of the students at the practical training organisations is monitored through activity reports; students during practice stages have assigned tutors among the academic staff in the study program.	X	



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<i>Standard 4.12.</i> In order to facilitate the practice stages, the higher education institution signs cooperation agreements, contracts or other documents with institutions/organisations/practical training units.	X	
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Compliance level: 100% - Fully compliant

ET recommendations:

- 1. Continue with the involvement of the Industrial Board into the development of the curricula.*



2.5. Students

Students are informed through the course syllabuses on the evaluation criteria, grading and exam structure. Also, one academic year encompasses regular exam periods. Student evaluations are conducted once a semester. There is no program that checks if the papers submitted by students are plagiarized. The Faculty Council, the Senate and the Ethics Committee both have at least one student member. There is a student union, and the elections are held regularly. All rights and obligations of students are publicly available on the website, or they can ask the Faculty's staff. The students' transfer between higher education institutions is regulated by formal documents. The lecturers are accessible to the students via email or physically for consultations which can be arranged based on individual needs. According to stipulated academic requirements, all students enrolled in the study programme possess a high school graduation diploma.

The ET was informed that the programme has had no drop-outs so far. Nevertheless, the student numbers (enrolled vs graduated) are not consistent in the SER, and it is practically not possible to evaluate the procession of student numbers year by year based on this data.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 5.1.</i> There is a clear and formally adopted admission procedure at institutional level that the study program respects when organising students' recruitment. Admission requirements are consistently and fairly applied for all students.	X	
<i>Standard 5.2.</i> All students enrolled in the study program possess a high school graduation diploma or other equivalent document of study, according to MEST requirements.	X	
<i>Standard 5.3.</i> The study groups are dimensioned so as to ensure an effective and interactive teaching and learning process.	X	



<i>Standard 5.4.</i> Feedback to students on their performance and results of assessments is given promptly and accompanied by mechanisms for assistance if needed.	X	
<i>Standard 5.5.</i> The results obtained by the students throughout the study cycles are certified by the academic record.	X	
<i>Standard 5.6.</i> Flexible treatment of students in special situations is ensured with respect to deadlines and formal requirements in the program and to all examinations.	X	
<i>Standard 5.7.</i> Records of student completion rates are kept for all courses and for the program as a whole and included among quality indicators.	X	
<i>Standard 5.8.</i> Effective procedures are being used to ensure that work submitted by students is original.		X
<i>Standard 5.9.</i> Students' rights and obligations are made publicly available, promoted to all those concerned and enforced equitably; these will include the right to academic appeals.	X	
<i>Standard 5.10.</i> The students' transfer between higher education institutions, faculties and study programs is clearly regulated in formal internal documents.	X	
<i>Standard 5.11.</i> Academic staff is available at sufficient scheduled times for consultation and advice to students. Adequate tutorial assistance is provided to ensure understanding and ability to apply learning.	X	

Compliance level: 91% - Fully compliant

ET recommendations:

1. *The Faculty should acquire a software programme that checks for plagiarism when student hand in their papers.*
2. *Enrolled, attending and graduated student numbers are to be presented in a clear manner, on a year by year basis in the SER.*



2.6. Research

In the 2019 re-accreditation process the ET pointed out the lack of detailed research strategy of the study programme. Unfortunately, during the current evaluation the ET couldn't see a substantial improvement in this field. As the ET understood during the meeting with the academic staff, research activities are still rather self-reliant and primarily not institutionally organized.

The ET considers that the Faculty should provide the strategic directions and also the framework for the BScEE study programme's research activity. The shortcoming of institutional research activity unfortunately is well reflected by the teaching staff's CVs: there are only a few publications from the recent years. It can certainly partially be accounted for the pandemic, but without strategic directions there probably will be no significant step forward in this regard.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 6.1.</i> The study program has defined scientific/applied research objectives (on its own or as part of a research centre or interdisciplinary program), which are also reflected in the research development plan of the institution; sufficient financial, logistic and human resources are allocated for achieving the proposed research objectives.		X
<i>Standard 6.2.</i> Expectations for teaching staff involvement in research and scholarly activities are clearly specified, and performance in relation to these expectations is considered in staff evaluation and promotion criteria.		X
<i>Standard 6.3.</i> Clear policies are established for defining what is recognized as research, consistent with international standards and established norms in the field of study of the program.	X	
<i>Standard 6.4.</i> The academic staff has a proven track record of research results on the same topics as their teaching activity.	X	
<i>Standard 6.5.</i> The academic and research staff publish their work in speciality magazines or publishing houses, scientific/applied/artistic products are presented at conferences, sessions, symposiums, seminars etc. and contracts,	X	



expertise, consultancy, conventions, etc. are provided to partners inside the country and/or abroad.		
<i>Standard 6.6.</i> Research is validated through: scientific and applied research publications, artistic products, technological transfer through consultancy centres, scientific parks and other structures for validation.	X	
<i>Standard 6.7.</i> Each academic staff member and researcher has produced at least an average of one scientific/applied research publication or artistic outcome/product per year for the past three years.		X
<i>Standard 6.8.</i> Academic and research staff publish under the name of the institution in Kosovo they are affiliated to as full time staff.	X	
<i>Standard 6.9.</i> Academic staff are encouraged to include in their teaching information about their research and scholarly activities that are relevant to courses they teach, together with other significant research developments in the field.	X	
<i>Standard 6.10.</i> Policies are established for ownership of intellectual property and clear procedures set out for commercialization of ideas developed by staff and students.	X	
<i>Standard 6.11.</i> Students are engaged in research projects and other activities.	X	

Compliance level: 73% - Substantially compliant

ET recommendations:

- 1. Create a detailed research strategy and research development plan for the Faculty, specifying the involvement of every department, emphasizing co-operations and possible synergies. Every study program is to be integrated in the research development plan, giving specific and realistic directions.*
- 2. The management of the Faculty should effectively support the departments and the staff to establish and carry out research projects, in accordance with the research development plan.*
- 3. The Faculty should create a publication strategy within the framework of the research strategy. As KAA standards put an emphasis on the publication activity, the Faculty must take consider it an important strategic question in the reaccreditation procedures in the future.*
- 4. Create small-scale applied research projects with the help and co-operation of the Industrial Board.*



2.7. Infrastructure and resources

Because of the ongoing COVID-19 pandemic situation the EP was not able to travel to Pristina. The evaluation procedure was conducted by online platform. The information for this chapter was provided by the Faculty in the form of a video and documents.

UP has been dedicating a significant effort to renovate and upgrade its building infrastructure in the last years. The ET could see the improvement of the building conditions, also development of facilities for students with special needs.

Still, the ET considers that a distinct environmental engineering laboratory for the study programme would be necessary, as it is also expressed as an opportunity of SER's SWOT analysis of the regarding chapter.

Compliance calculation

<i>Standard</i>	Compliance	
	Yes	No
<i>Standard 7.1.</i> The adequate long-term implementation of the study program is ensured in quantitative terms as regards premises, human resources and equipment. At the same time, it is guaranteed that qualitative aspects are also taken into account.	X	
<i>Standard 7.2.</i> There is a financial plan at the level of the study program that would demonstrate the sustainability of the study program for the next minimum three years.	X	
<i>Standard 7.3.</i> The higher education institution must demonstrate with adequate documents (property deeds, lease contracts, inventories, invoices etc.) that, for the study program submitted for evaluation it possesses the following, for the next at least three years: a) owned or rented spaces adequate for the educational process;		X



<p>b) owned or rented laboratories, with the adequate equipment for all the compulsory disciplines within the curriculum, wherever the analytical syllabus includes such activities;</p> <p>c) adequate software for the disciplines of study included in the curriculum, with utilisation licence;</p> <p>d) library equipped with reading rooms, group work rooms and its own book stock according to the disciplines included in the curricula.</p>		
<p><i>Standard 7.4.</i> The number of seats in the lecture rooms, seminar rooms and laboratories must be related to the study groups' size (series, groups, subgroups); the applicative activities for the speciality disciplines included in the curricula are carried out in laboratories equipped with IT equipment.</p>	X	
<p><i>Standard 7.5.</i> The education institution's libraries must ensure, for each of the study programs:</p> <p>a) a number of seats in the reading rooms corresponding to at least 10% of the total number of students in the study program;</p> <p>b) a number of seats in the group work rooms corresponding to at least 10% of the total number of students in the study program;</p> <p>c) their own book stock from Albanian and foreign speciality literature, enough to cover the disciplines within the curricula, out of which at least 50% should represent book titles or speciality courses of recognised publishers, from the last 10 years;</p> <p>d) a book stock within its own library with a sufficient number of books so as to cover the needs of all students in the cycle and year of study the respective discipline is provided for;</p> <p>e) a sufficient number of subscriptions to Albanian and foreign publications and periodicals, according to the stated mission.</p>	X	
<p><i>Standard 7.6.</i> The infrastructure and facilities dedicated to the implementation of the program is adapted to students with special needs.</p>	X	

Compliance level: 83% - Substantially compliant

ET recommendations:

1. *Establish the Environmental Engineering laboratory.*
2. *Continue the development of infrastructure and facilities to students with special needs*



3. OVERALL EVALUATION AND RECOMMENDATION OF THE ET

Based on the evaluation of the actual KAA standards, the compliance level of the programme is as follows:

Standard	Compliance level	
1. Mission, objectives and administration	100%	Fully compliant
2. Quality management	100%	Fully compliant
3. Academic staff	100%	Fully compliant
4. Educational process content	100%	Fully compliant
5. Students	91%	Fully compliant
6. Research	73%	Substantially compliant
7. Infrastructure and resources	83%	Fully compliant
Overall compliance	92%	Fully compliant

In conclusion, the Expert Team recommends to re-accredit the Environmental Engineering BSc study programme for a duration of 3 years, with the provision of 40 students enrolled per year.

Expert Team

Chair

Prof. Dr. Gábor Dombay

02.06.2022.

Member

Marko Komso

02.06.2022.



4. APPENDICES

Compliance level assessment calculation

In order to assess the compliance level of each general area the following guidelines were used, as required by the KAA Accreditation manual:

1.1. fully compliant – all the standards included in a particular general area are met. If the institution exceeds the standards and meets some of the performance indicators, commendations are appropriate. This recognition provides the institution motivation to pursue even greater levels of excellence in their quality management practices;

1.2. substantially compliant –above 60 – 90% of the standards included in a particular general area are met, while the others are not yet in line with stated expectations. Also, there is potential for requirements of the standards not to be satisfied before the next review (examples may include the loss of key faculty members due to retirements, declining student enrolment, or projected reductions in financial or personnel resources, and others);

1.3. partially compliant - 30 – 60% of the standards included in a particular general area are met. Also, the institution lacks the strength of compliance with the standards to ensure that the quality of the institution will not be compromised;

1.4. non-compliant – less than 30% of the standards included in a particular general area are met. The institution does not satisfy the requirements of the standards.