



UNIVERSITY OF PRISHTINA  
“HASAN PRISHTINA”

FACULTY OF CIVIL ENGINEERING  
HIDROTECHNIC 2021/2022 – 2023/2024



UNIVERSITETI I PRISHTINËS  
“HASAN PRISHTINA”  
UNIVERSITY OF PRISTINA  
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Prishtinë \_\_\_\_\_ 2021

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## SELF EVALUATION REPORT REACCREDITATION OF THE STUDY PROGRAMS

STUDY PROGRAM: CONSTRUCTION BSc. (2021/2022 – 2023/2024)  
STUDY PROGRAM: GEODESY BSc. (2021/2022 – 2025/2026)  
STUDY PROGRAM: HIDROTECHNICS (2021/2022 – 2023/2024)

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Prishtina, January 2021

**THE FACULTY OF CIVIL ENGINEERING AND  
ARCHITECTURE**

**PROGRAM:  
HYDROTECHNICS (BSc)**

**REACREDITATION**

**ACADEMIC YEAR 2021/2022 – 2023/2024**

**SELF EVALUATION REPORT**

*January 2020, PRISHTINË*

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# 1. INTRODUCTION

## 1.1. A brief overview of the Institution

The Faculty of Civil Engineering is an academic unit of the University of Prishtina. University of Prishtina is a public institution of higher education, which organizes and develops university studies, advanced scientific and professional work. The main role of the modern academic unit for a democratic society, is to provide excellence in professional education by pursuing contemporary scientific developments in the relevant field of studies.

- **Mission and objectives offered by study programs**

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

The Faculty of Civil Engineering organizes study programs at BSc and MSc levels, while currently no Doctoral programs are available. FCE Study Programs are classified at Departments and Levels as in the following:

- Construction (BSc), and (MSc)
- Hydrotechnics (BSc) and (MSc)
- Geodesy (BSc), (MSc), and
- Environmental Engineering (BSc)

The study programs Constructive, Hydrotechnics, Geodesy and Environmental Engineering, generally consist of the group of general subjects, subjects of professional formative character, integrative, professional, complementary subjects and the work of the Master's degree thesis which is based in the application of acquired knowledge and in preliminary research.

The total credits foreseen for the completion of the Bachelor Program in the Departments: Construction, Hydrotechnics, Geodesy and Environmental Engineering is the acquisition of 180 ECTS credits, including the diploma thesis, in a minimum duration of 3 years (6 semesters). The total of the foreseen credits of the Master in: Geodesy, Construction and Hydrotechnics, is the acquisition of 120 ECTS credits, including Master's degree thesis, for a duration of 2 years (4 semesters).

- **Leadership, Management, academic and administrative staff**

University of Prishtina has the Statute [A1] which includes academic units as an integral part. The Statute is a relevant document to assist academic units, defines collegial bodies starting from the Steering Council, Senate, other functional committees, management staff and central administration. FCE uses all these descriptions to organize and develop academic activities, design and development of study programs, teaching and learning, focusing on the student.

The Dean of the Faculty of Civil Engineering, according to the UP Statute is the leader who creates a collegial, collaborative and study environment that serves the common interests of students, professors, managerial and administrative staff. The Dean duties of the HEI are also described in the relevant documents of the central level of the UP, (<https://uni-pr.edu/desk/inc/media/126A0EED-0A53-48A7-8E56-5875EE868FAC.pdf>) [A6]. HEI, respectively FCE has established a stable management structure. Two members are elected from the academic staff with a regular employment contract in the capacity of vice-dean. Vice-deans have separate and well-defined tasks. One of the vice-deans is responsible for the areas of teaching and learning, organizational issues with students and organizational issues of the academic unit while the other vice-dean is responsible for the financial issues and infrastructure of the institution. Based on the UP Statute, the Dean organizes the departments. The departments take responsibilities from the Dean in accordance to the relevant documents of UP and FCE.

Within FCE there are Departments which correspond to the respective fields of study by special study programs at the level of Bachelor and Master of Science. FCE Departments, are <https://fna.uni-pr.edu/Departamentet.aspx>:

- Department of Constructions,
- Department of Hydrotechnics,
- Department of Geodesy, and
- Department of Environmental Engineering

The operation of the departments, in the vertical line, means the participation of the academic staff in decision-making through the Council of the academic unit, respectively the Dean of the faculty. For the competencies of FCE from UP, decisions are taken in the Faculty Council, respectively by the Dean of the Faculty.

The UP administration is centralized and provides services to all academic units on many issues, as for instance in: finances, services for students (diplomas, etc.), contracts of academic and administrative staff. The Faculty Administration has limited executive competences and for the Faculty of Civil Engineering it consists of the Secretary, as the highest profile and responsible for the administration at academic unit level, for the student services, the IT-staff, the economist, the protocol service, the asset manager and the laboratory technicians.

- **Students, relevant contextual areas of the institution activity**

The Faculty of Civil Engineering offers BSc study programs in various fields of study (Construction, Hydrotechnics, Geodesy and Environmental Engineering), in conformity with the UP Statute and according to the NQF National Qualifications Framework ([https://akkks.rks-gov.net/uploads/korniza\\_kombetare\\_e\\_kualifikimeve\\_2020.pdf](https://akkks.rks-gov.net/uploads/korniza_kombetare_e_kualifikimeve_2020.pdf)), is dedicated to candidates from the Republic of Kosovo who have completed secondary education according to MEST for secondary education framework and the candidates from other countries according to approved quotas <https://uni-pr.edu/desk/inc/media/AEE5CABB-5CD7-4418-9489-03949385902A.pdf>. For the enrollment of new students in the basic study programs in FCE, the competition is announced by UP specifying all the criteria and quotas <https://uni-pr.edu/desk/inc/media/308524D5-4D04-418C-B904-A574F890E195.pdf>. After the competition announcement, FCE organizes the admission exams according to the imposed criteria. The assessment process includes evaluation of the faculty entrance exam, the success from the high school and the Matura exam. The ranking is announced by FCE on the website of the faculty as well as hard copy in dedicated spaces of the faculty.

HEI organizes study programs also at Master of Science levels from the same fields of study programs as in BSc (Constructive, Hydrotechnics and Geodesy). The study programs are dedicated to students who have completed basic studies and who have reached the number of credits of 180 ECTS from BSc studies in the respective fields. For the enrollment of new students in the Master of Science study programs, a public competition is also announced by the University of Prishtina, where all the criteria and quotas are specified. After the competition announcement, FCE organizes the admission exams according to the imposed criteria. The assessment process includes and evaluates the admission exam and the success from the level of basic studies. The ranking is announced by FCE on the website of the faculty as well as a hard copy in dedicated spaces of the faculty.

The Faculty of Civil Engineering has the main role in teaching and learning, where the student is always in the focus. The excellence in teaching is achieved through research work carried out by the academic staff of the HEI. The engagement of academic staff in the specific research fields is present not only in the country, but also abroad, giving scientific contributions to scientific conferences with scientific papers published in the world's most prestigious journals in the relevant field. FCE collaborations with educational institutions in the country and abroad are an inspiration for the management and academic staff, also the institutional and academic contributions for the needs of the labor market are evident and are counted as a common event of the Institution.

The FCE academic staff makes valuable contributions to the various services required by Faculty such as the preparation of Study Program Evaluation Report, the preparation of various reports and investigations for the faculty requirements. Hence, the management of FCE jointly with the academic staff and the administration are engaged not only in the teaching process, but also in enhancing the performance of teaching, learning, scientific research and other services necessary for the Institution.

**- Teaching, learning and curricula Mësimdhënia, mësimi dhe kurrikula**

UP provides bachelor's, master's and doctoral studies, according to the Bologna system through academic units. Although the Republic of Kosovo is not yet formally participating in the Bologna Process, UP is one of the first institutions of higher education in the region to start reforms under this Process. Implementation of reforms began in the academic year 2002/2003 and is still ongoing. UP is committed to achieving the objectives set out in the Bologna Declaration and the communiqués of Prague, Bergen, Berlin and London, and aims to be integrated into the European Higher Education Area. The University is of key importance as a public provider of higher education in Kosovo society, community and economy.

Indeed, the FCE is continuously active with their scope as an integral part of UP to achieve clearly defined general goals.

The mission of UP "for the development of academic education, scientific research, artistic creativity, professional consultancy" is accompanied by a set of 8 detailed objectives, which clearly affect the ambition of UP to become the Leading University in Kosovo, to be active in society, establish and maintain the highest standards in teaching, learning and research, as well to be fully integrated into the European Higher Education Area as an internationally recognized university. The Faculty of Civil Engineering, being part of the UP and its participation in academic activities, acts evidently by defining its primary goals for maximum achievement in teaching.

The organization of teaching is the main pillar of the Institution around which the developments of other scientific and research activities are supported in order to achieve the general and specific objectives of the study program.

The teaching mechanisms that are applied in the Institution are contemporary, counting the young pedagogues who reflect creativity during the teaching, the great professional experience



of the pedagogical staff of the institution as well as the scientific degrees which provide satisfactory results in the understanding of scientific phenomena.

The teaching methods and techniques that are applied are various, among which "one-directional teaching " (from lecturer to student) encouraging the student to participate directly in active learning. These teaching methodologies put the pedagogue in the primary role not only of the professor but also of the moderator. The teaching staff is always prepared with modern teaching methodologies, by offering them the opportunity to participate in various permanent trainings organized at the University level <https://uni-pr.edu/page.aspx?id=1,78>.

Depending on the chosen form of teaching, the organization of teaching is determined, whether it will be lectures, numerical exercises, practical field training or even laboratory exercises. Academic staff is free to choose the most appropriate methodology to develop and organize the course. Special importance is given to the subjects which foresee practical field visits as well as laboratory exercises by demonstrating practical examples from reality.

An important feature of the Institution is continuous monitoring and control of teaching and teachers during the development of the study program. This monitoring is followed by the evaluation of all teachers engaged in the student-evaluated study program [A52]. The highest quality of learning is achieved through teaching assessment instruments.

Each subject has its basic literature according to the syllabus that consists of obligatory and optional literature which the Student can easily find it or the teacher provides them in advance

Curricula of study programs for both basic and master studies have a substantive concept based on the basic principles of the formation of the study program, starting from the formation of the group of general information subjects, then the group of theoretical scientific subjects and finally the group of professional specific subjects of from which the special competencies of students emerge after graduation.

## **2 STUDY PROGRAM EVALUATION**

### **2.3. A brief overview of the program under evaluation: Bachelor of Science in Hydrotechnics (BSc)**

The Department of Hydrotechnics is an integral part of the Faculty of Civil Engineering. The Department offers study programs for the Bachelor BSc and Master MSc levels, which aim to provide professional educational advancement in accordance with scientific developments in the fields of technical studies of Hydrotechnics. The activity of this department is based on a link between teaching and research, to achieve high results in studies. At the same time, this activity will create professionally trained staff and compatible with market demands. To ensure this goal of achievement, in the study program of Hydrotechnics is engaged teaching staff with appropriate qualifications and experience in both teaching and research.

Being part of FCE, both BSc and MSc programs in Hydrotechnics, but also the department implements all standards, criteria, policies and regulations of the Faculty of Civil Engineering, respectively the University of Prishtina.

Since the trend of continuous development of our country is marking growth then as a result of the development of certain branches of the economy and industry there is also accelerated urbanization. At the same time the demands for natural resources and especially for water have increased. In addition to increasing water supply demands, the situation is exacerbated by increasing population demand based on increased quality of life, increased irrigation demand, use of water for energy, intensified urbanization and climate change. Furthermore, in addition to the growing demand for water, their ongoing pollution and degradation of water quality must be taken into account. Increasing demand for water and degradation of water quality pose a continuing burden on existing water resources. Therefore, it is more than necessary that these resources are used optimally and we are committed to their protection.

All these are clear indicators that the field of Hydrotechnics needs qualified personnel who will be responsible for the optimal planning, design and operation of water resources systems. Educated personnel in this field will enable the best possible choices for our water resources and at the same time will be committed to respecting and meeting environmental criteria. To address these challenges, the Hydrotechnics study program is designed with an interdisciplinary and integrated approach to deliver sustainable human capacity building.

The BSc Hydrotechnics study program prepares staff with basic knowledge in scientific and professional fields, fundamental changes in narrow professional fields as well as technological innovations by placing them in the labor market both locally and internationally.

Educated staff in this field will enable the best possible choices for our water resources and at the same time will be committed to respecting and meeting environmental criteria. To address these challenges, the BSc Hydrotechnics study program is designed with an interdisciplinary and integrated approach to provide sustainable human capacity building, the best possible placement for the labor market (based on labor market demands).

### **3. EVOLUTION AND DEVELOPMENT OF LATEST TIMES RECORDED SINCE PREVIOUS EVALUATION**

Our academic unit at the time of this assessment was organized with several departments, among which was Architecture. From 2019, decision-making institutions, supporting the proposal of the academic unit, establish the Faculty of Architecture. From 2019 until today, our academic unit is presented as the Faculty of Civil Engineering with four departments. In the accompanying documents which are also the basis of the realization of this Internal Evaluation Report are with the FNA nomenclature that has functioned until 2019, then the final decisions, papers and documents are with the FN nomenclature.

In the last report of external experts for the evaluation of study programs (SER) for the Faculty of Civil Engineering and during the visit made to the institution on June 30, 2015, are given some recommendations which are listed as follows as well as the institutional efforts for completing them.

#### **Recommendations for BSc Hydrotechnics:**

- 1. In the future, academic staff to improve research and raise the standards of papers by publishing them in international journals (For the future, the academic staff have to improve its research and it has to increase the number of standard results, such as papers in international journals).*

The institutional vision is to build the capacity of academic staff and advance them with scientific degrees and academic vocations. According to the status of UP [A1], the advancement of the academic staff is conditioned by European standards which are extremely respected by the academic units. Each teacher has a regular contract which is termed for a period of 4 years. After the end of the contract, a competition is opened for promotion where the teacher must, among other things, have the scientific papers published in the journals listed by the UP regulations [A20]. In such situations, the HEI tries to support the academic staff financially and eventually institutional support for the publication of works [A38].

## 4. INSTITUTIONAL EVALUATION OF STUDY PROGRAM

### 4.1. Study Program of Hydrotechnics (BSc)

<b>Name of institution</b>	University of Prishtina "Hasan Prishtina"
<b>Faculty / Department</b>	Faculty of Civil Engineering
<b>Main Campus and / or Branch:</b>	The main campus
<b>If applying for a branch please specify the Branch:</b>	
<b>Name of study program:</b>	Hidrotechnics
<b>Person Responsible for the study program</b>	Prof.Ass.Dr. Qani Kadiri
<b>Accreditation / Reaccreditation</b>	reaccreditation
<b>Qualification level according to NQF:</b>	Level VI
<b>Academic degree or the name of the academic degree in the diploma:</b>	BSc of Civil Engineering Hydrotechnics Study Program
<b>ECTS:</b>	180
<b>Study program profile:</b>	Hydrotechnics
<b>Field of study according to Erasmus Subject Area Codes (ESAC):</b>	06.04 (Civil Engineering)
<b>Form of Studies:</b>	Regular studies
<b>Minimum Duration of Studies</b>	3 years
<b>Number of places for study:</b>	120
<b>Indicate permanent scientific staff for the Study Program (At least 3 PhD)</b>	<ol style="list-style-type: none"> <li>1. Prof. Naser Kabashi</li> <li>2. Prof. Abdullah Zejnullahu</li> <li>3. Prof.Asoc.Dr. Laura Kusari</li> <li>4. Prof.asoc.Dr. Figene Ahmedi</li> <li>5. Prof.asoc.Dr. Naim Hasani</li> <li>6. Prof.Ass.Dr. Esat Gashi</li> </ol>

#### 4.3.1. Mission, objectives and administration

The mission of the Faculty is in full accordance with the mission of the University which aims to develop academic education, scientific research, professional counseling, artistic creativity, etc. Also the mission of the Hydrotechnical study program is in line with the general mission statement of the Faculty of Civil Engineering.

The Hydrotechnics program has the mission to create professional staff for the labor market, providing quality teaching and ongoing research. The main objective of this study program is to achieve academic competencies and skills in the field of hydrotechnics. Another objective of the study program is to educate experts with sufficient and complex knowledge for the design, construction and maintenance of various structures in the field of hydrotechnics. As a result of the activity of the BSc Hydrotechnics Study Program a professionally trained staff in accordance with market demands will be able to be created. The program aims to create conditions for student-centered education, to be open to new ideas and opportunities, and to be willing to commit to lifelong learning, without restrictions.

The purpose of the BSc Hydrotechnics study program of is in line with the purpose of the

Faculty of Civil Engineering, to have a leading role in the development of education, science and economics, relying on the highest standards in the field of teaching, learning and research. Students and all staff within the Hydrotechnics study program comply with internal regulations relating to ethical conduct in teaching, research and evaluation in all academic and administrative activities.

In addition to basic science courses, this study program is constantly updated with new courses based on local and global market demands, in areas that are increasingly in demand. The study program at this level aims to create the necessary premises for continuing studies at higher levels.

The BSc Hydrotechnics study program is offered to students who have completed high school and completed the Matura exam (or if they did not have the Matura exam). BSc Hydrotechnical studies last 3 years of study and provide 180 ECTS. According to the Qualifications Framework in the European Higher Education Area [A35], [https://akkks.rks-gov.net/uploads/korniza\\_kombetare\\_e\\_kualifikimeve\\_2020.pdf](https://akkks.rks-gov.net/uploads/korniza_kombetare_e_kualifikimeve_2020.pdf) there are three cycles of qualifications in higher education defined within the European Qualifications and System for Credit Accumulation and Transfer (ECTS). One academic year corresponds to 60 ECTS credits. An academic year mainly has 1500 - 1800 teaching hours. The BSc of Hydrotechnics study program according to this framework belongs to the first cycle of studies with 180 ECTS credits.

This first cycle study program can be considered as the basis of studies which provide basic training in the field of civil engineering. The program is oriented towards teaching, continuous scientific research, research and providing an approach designed to meet the main time-determining goals.

The vertical structure of the NQF [A35] is based on eight levels of qualification as KEK. NQF levels are punished with KEK level descriptors, adapted to the Kosovo context. The Law on National Qualifications stipulates that "progress from one level to another is determined by increasing the complexity and requirements of learning outcomes, focused on broader knowledge, skills and competencies." BSc of Hydrotechnics study program belongs to level 6 studies .

Performance indicators for the results of the BSc Hydrotechnics study program are the values derived from the results of studies by students placed in the labor market as well as the continuation of second level studies for MSc according to the National Qualifications Framework.

The didactic concept defined by the Faculty of Civil Engineering (FCE) for the BSc of Hydrotechnics study program is based on basic didactic concepts such as lectures and numerical, laboratory and field exercises, supported by seminars. This concept is clear to the academic staff involved in the study program and beyond. Exercises are done within groups of students. The syllabus of the program subjects prove the development of teaching in the didactic pillars by being individual and creating the whole program with very current didactic and research concepts.

The priority of FCE is the constant care for the formal policies of ensuring the high quality of the academic offer always in parallel with the university, the care for all the requirements of the students, for the progress, as well as for the permanent improvement and updating of the academic offer for students. The statute, regulations at the University level as well as at the Faculty level are the applicable legal documentation on which the work of the Faculty of Civil Engineering is organized. More precisely, attached is the list of references that reflect the documentation for the work and support the activity of the IAL.

To achieve these goals, this program has engaged qualified teaching staff, who are assisted by professionals engaged in management structures and those of the administration. At the service of students and teachers is the Dean of the Faculty of Civil Engineering, Vice Dean for Academic Affairs, Vice Dean for Finance, Secretary, Coordinator for Academic Development, Information Technology Service, Student Service and Technical Service in Laboratories. The staff responsible for physical security and maintenance of the premises of the Faculty of Civil Engineering are also on duty.

The main goal of the Bachelor of Hydrotechnics program is to enable students to:

- To gain extensive knowledge in the technical field from natural sciences and engineering.
- To integrate the acquired engineering knowledge and skills to identify problems and challenges in the field of Hydrotechnics.
- To create practical strategies based on science that will be applied in the field of Hydrotechnics.
- Work in teams of Hydrotechnics professionals capable of collaborating, creating and delivering innovative solutions to the challenges of complex water resources management.

The strategy of the Faculty of Civil Engineering in relation to the study program is to provide quality education by fostering creativity, acceptance of new ideas and lifelong learning. The Hydrotechnics study program is dedicated to achieving these goals by offering modern and flexible curricula in relation to the demands of the regional and global market.

### **SWOT analysis for mission, objectives and administration:**

#### **A. Strengths:**

- It is in line with the programs for sustainable development in the field of Hydrotechnics,
- Provides study program based on market demands and current global specifics in Hydrotechnics,
- The curriculum is designed with subjects that are in the primary interest of students and applicable in the relevant fields of Hydrotechnics,
- Aims to prepare students for them to continue the next cycle of studies,
- Aims to build human capacity capable of dealing with problems and providing appropriate solutions,
- Aims to create competent professionals who can be competitive in the global market.

**B. Weaknesses:**

- There are no weaknesses in the area of mission and objectives.

**C. Options:**

- Providing the opportunity for practical work even in the first years of studies,
- Providing opportunities for student volunteer work,
- Possibility of at least symbolic payment for the practical work of students.

**D. Challenges:**

- Ongoing competitions for the admission of new academic staff, who can be engaged in the teaching process,
- Providing funds for laboratory equipment,
- Providing funds for improving the infrastructure and replenishing the library inventory,
- Providing funds for the improvement of the existing infrastructure in the facility.

### 4.3.2. Quality Management

Management consisting of the Dean, vice deans, heads of Departments manage the Faculty of Civil Engineering. The bodies of the Faculty are the FCE council which consists of the vast majority of academic staff, administration and students. The faculty council discusses, organizes and makes decisions on various academic / teaching, administrative and student issues. The FCE Council takes the decision for the formation of the commissions, respectively the coordinators for the drafting of the reports for self-evaluation of the curricula of the Faculty. The self-evaluation commission, ie the coordinator, communicates on a regular basis with the academic staff to update the study program in order to ensure the inclusion of the academic staff. The self-evaluation report is made public before being finalized at the levels of the Faculty Council, the faculty management staff.

The evaluation of the study program is carried out by the academic staff for the accredited period of the program as well as within the academic year. Usually at the beginning of the academic year each of the academic staff submits requests to the vice dean of FCE for teaching regarding the needs of eventual changes which for the entire study program should be at levels <20%. Usually the changes are small, in the content of the syllabi. While in some cases when there is a need to change the semester for a subject it is realized at the level of the Faculty council.

Eventual changes are made in order to improve the curriculum of the study program.

The University of Prishtina has drafted the strategic plan 2017-2019 [A3], for drafting the quality standard for higher education in Southern Europe. This document specifies the "eight Strategic areas" which contain:

- Teaching, research and service,
- Accreditation and quality control,
- Level / programs required by the market,
- Human resource development,
- Information system development,
- Fiscal account and improvement of financial information,
- Infrastructure development,
- Globalization / Internationalization,

Even the academic units, respectively the Faculties have common objectives with the central level, the achievement of standards in the same pillars defined by the central level of the University.

The electronic platform [A25] "ESMS" (electronic study management system) operates at the central level and in academic units. This platform ensures that:

- The program of control of teaching and student presence in learning through the built-in electronic network, creating an uncensored direct database which ensures the smooth running of teaching by teachers and on the other hand ensures quality in smooth running and monitoring.
- Management of students, respectively exams with responsibility and guaranteed data quality.



- Publication of materials and literature by teachers for subjects and teaching modules.

The Electronic Student Management System (ESMS) is built for the entire UP, respectively for all academic units and has a regulation which defines the operation of the ESMS [A25].

Monitoring and evaluation of teaching are a fundamental factor in the implementation of the strategy and aim to measure the progress achieved. The results of the measurements are discussed and analyzed periodically at the level of the Faculty council.

The objectives of the Strategy for quality increase are: continuous monitoring of the management of the institution; continuous monitoring of course programs, their implementation, review, updating; continuous monitoring of the quality level of the academic and support staff, as well as their qualification; continuous monitoring of the teaching process and student assessment and maintaining its quality; continuous monitoring of the progress of scientific research in the institution; monitoring the progress of the cooperation of the University / Faculty with other academic, scientific and non-academic institutions at local and international level; and monitoring the level of student involvement in the day-to-day activities of the institution.

Quality mechanisms at the University level; In order to control the quality of academic and administrative activities, the UP Senate has approved three types of quality evaluation instruments: questionnaires for academic staff, questionnaires for administrative staff and questionnaires for students [A52].

In addition to these quality questionnaires, in accordance with the UP Statute, student assessment for teaching and learning for specific subjects is organized on a semester basis through anonymous lecture questionnaires and this is coordinated by the deans of faculties (or vice deans for teaching) in collaboration with heads of departments at the initiative of the Vice Rector for Quality Development. Student evaluation of the teacher is also done on the ESMS platform [A52].

The function of the electronic platform ESMS at the University level is indicative of the performance of Student record security, management of assessment reports and management of teaching hours.

The quality of research activities of the UP academic staff is measured through publications in international peer-reviewed scientific journals and participation in national and international scientific conferences. Based on the number of papers in international peer-reviewed journals, the academic staff is also promoted. Data are collected from the faculties on student performance such as: percentage of passing exams, organization of colloquia, duration of studies, etc. A traditional mechanism is also considered the accreditation of study programs by the UP Senate, where each new study program must pass to the faculty structures and then obtain the consent of the Senate.

Data from the ESMS system provides summary information from student assessments of subjects and teachers [A52]. Also at the Faculty level the Business Board is established where representatives from local and international companies participate and contribute to the effective effects of the staff and market needs.

The drafting of the evaluation report for the re-accreditation of the study program for BSc Hydrotechnics is based on the quality reports for the transition periods from the time of the preliminary accreditation of the program where the subject is: the name of the courses, the holders of the courses and their status.

The new subject names in this report are based on the notions and meanings of study programs in the region and in Europe. An example is the title for the course Structure Theory, in the previous curriculum it was Structure Analysis.

Student status is determined by the volume of the program. The study program of the first cycle BSc Hydrotechnics at FCE is organized with a duration of 3 years of study and 180 ECTS, where each academic year is divided into two semesters.

- 1 academic year; 30 weeks of teaching
- 1 semester has 15 weeks of teaching
- 1 ECTS has 25 teaching hours and student work
- 1 teaching hours has 45 'minutes

The commitment, respectively the load with the average distribution of the Student on a weekly basis in the Faculty in the teaching process for the BSc Constructive study program from this year and the previous years are:

- lectures 12-13 hours in class and 12-13 hours of student independent work
- 8-10 hours of classroom exercises and 13-15 hours of student independent work
- laboratory exercises 4-6 hours in laboratories and 6 hours of independent student work
- 2 hours internship and 25 hours of student independent work

The basis of studies at FCE are found in the fields of technical sciences, for the first time the study programs were related to the school. The Higher Technical School in Prishtina started its activity on October 20, 1961. This school had three directions: Civil Engineering, Electrical Engineering and Machinery. From this time is counted the history of the study program of Civil Engineering, respectively of study programs in the field of structures. From time to time the Hydrotechnics study program has been developed and comparing the last accredited curriculum with the previous ones the changes are significant in many directions.

Table 4.2.1, below shows the achievements of students, graduates in the BSc Geodesy study program for previous years (from the last accreditation of the program until the time of preparation of this Self-Assessment Report)

*Tabela 4.1.2. Student graduation results in academic years.*

BSc Hydrotechnics study program for previous years	Results		
	Female	Male	Total
01/10/2016 - 30/09/2017	21	48	69

01/10/2017 - 30/09/2018	12	24	36
01/10/2018 - 30/09/2019	14	23	37
01/10/2019 - 01/01/2020	5	17	22

*Tabela 4.1.2, below shows the accreditation periods of various FCE programs.*

Study Programs	Accreditation	Reaccreditation II	Reaccreditation III	Reaccreditation IV
Construction (BSc)	2009 - 2011	2012 - 2015	2016 - 2019	2019-2020*
<b>Hydrotechnics (BSc)</b>	<b>2009 - 2011</b>	<b>2012 - 2015</b>	<b>2016 - 2019</b>	<b>2019-2020*</b>
Geodesy (BSc)	2009 - 2011	2012 - 2015	2016 - 2019	2019-2020*
Environmental Engineering (BSc)	2015 - 2018	2019-2022		
Constructive (MSc)	2009 - 2011	2012 - 2013	2014 - 2017	2017-2020
Hydrotechnics (MSc)	2009 - 2011	2012 - 2013	2014 - 2017	2017-2020
Geodesy (MSc)	2015 - 2018	2019-2022		
Road Infrastructure (MSc)	2012 - 2013	2014 - 2017		

*In table 4.1.2, \* the sign refers to the continuation of accreditation according to the decision [A39]*

This self-assessment report also takes into account the effects of change needs and updates of the most essential elements of the program, such as didactic teaching methods (taking into account the certification of academic staff at the University level), updated syllabi, student workload, system of quality etc.

The burden from student obligations for the BSc Hydrotechnics study program is assessed and applied based on the 180 ECTS final credits that the student receives after graduation. The achievement of student competencies within three years of study is well defined and has a year after year much studied.

After completing their studies, a significant part of graduate students find placement in the labor market (in the private sector such as; design studios, construction workshops, production units, etc., or in public institutions, municipalities, public enterprises, Ministries, etc.), a some of them continue their studies in the master programs in FCE, some of them even abroad in more special studies and specializations.

Table 2 shows the years of accreditation and re-accreditation of different study programs for different levels of study.

## **SWOT analysis for quality management**

### **A. Strengths:**

- Existence and application of FCE Regulations for program quality assurance procedures,

- Existence and application of Regulations and procedures for the development and revision of new curricula,
- Existence and application of the Regulation for the evaluation of students and their progress during studies,
- Existence and application of Regulations and procedures for the development of diploma theses,
- Application of internal evaluation tools through questionnaires of different types,
- Use of the electronic system for the evaluation of the subject anonymously by students,
- Existence of synergy between teachers among themselves as well as between teachers and students,

**B. Weaknesses:**

- No weaknesses are noticed in this area

**C. Options:**

- Collaborate with business, commerce, industry, the employer community to enable teachers to improve the quality of the curriculum in the context of labor market needs.
- Increased control / continuous monitoring of teaching, attendance at lessons / lectures / student exercises.
- Decentralization of administration services for student services.

**D. Challenges:**

- Provide the necessary staff by the time of recruitment. Filling new jobs for teachers, teaching assistants and / or administrative service that helps with the demand for quality teaching and learning.

### 4.3.3. Academic Staff

Regarding the procedure of concluding an employment contract, each member of the administrative staff and academic staff follows such a procedure which is regulated by the status of UP [A1] as well as regulations at the Institutional level [A20, A21, A22]. The academic unit, respectively the Faculty submits the request to the UP Senate for the needs of the academic and administrative staff before the beginning of the academic year. After the approval of the request by the Senate, the procedures are developed in accordance with the Status of UP [A1] and regulations [A20, A21, A22] until the finalization of the contract [A32, A33, A34]. Competitions for full-time academic staff, respectively competitions for academic advancement are organized up to the level of UP, respectively the Senate. The procedures are described in the Regulation on the appointment, reappointment and promotion of academic staff UP 2019 [A20]. According to the regulations, the academic unit carries out the evaluation reports based on meritocracy and standards set according to the statute of UP [A1], the same are approved by the council of the academic unit and are further processed until their final approval by the Senate of UP- the. After approval, the employment contract is signed [A31]. Engaged staff is categorized into, staff within the academic units of UP and staff engaged according to the competition for engagement. In the administrative procedures of UP the categories of academic staff are distinguished according to the engagement forms, such as:

Form F1, regular academic staff

Form F2, academic staff within UP and

Form F3, academic staff engaged (by competition).

For the category of engaged academic staff (F3), a periodic employment contract is issued depending on the need of the study program respectively the Institution. These contracts have a duration of up to one academic year. [A32]. Retired academic staff (age 65 to 70) are also included in this category.

Through a qualified teaching, administrative and support staff of the courses offered at FCE, specifically in the BSc Hydrotechnics study program, FCE aims to continuously improve and guarantee very high quality teaching and research / scientific research. Academic staff remains the main factor in guaranteeing the quality of teaching and the transfer of knowledge to students.

The main objective of the BSc Hydrotechnics study program is to prepare students professionally as Hydrotechnical Engineers in narrow professional profiles with the possibility of integration in a multi-disciplinary work context in both the private and public employment sector.

To meet this major objective, the staff engaged in the BSc Hydrotechnics program is constantly updated with the latest news in the field of construction.

The University of Prishtina has established the Center for Teaching Excellence (QPM) in order to provide services for training, qualitative kneading and professional refinement of University staff in the field of teaching and learning. Based on official data <https://uni-pr.edu/page.aspx?id=2,78> within a short period of time this year (quarter of 2019) over 70 teachers and collaborators of UP were certified for reformed and contemporary teaching at the

University [A53]. Most of the academic staff of the study program for BSc Constructive are certified by QPM of UP. These trainings have reflected very positively in the improvement of this report, taking into account the compilation of syllabi in a very accurate and substantial way, teaching and learning methods, etc.

Currently, the course holders in this BSc Hydrotechnics study program is composed of 20 academic staff, of which 12 are full-time staff (UP-FCE) and 8 are engaged academic staff.

Report for the study program BSc Hydrotechnics, regular academic staff / engaged = 12/8, that we have 60% regular staff while 40% are engaged staff. Looking at the report for the holders of regular program courses (60%), 11 (95%) of the course holders have scientific degrees Dr, with academic vocations (assistant professor, associate professor and full professor) while 1 (5%) are with MSc degrees.

The engaged staff are of the following categories: from the University of Prishtina 2 (10%) academic staff with contract, while from outside the university there are 6 (30%) staff engaged with contract F3.

In the study program BSc Hydrotechnics are also engaged the academic staff in the capacity of assistant. BSc Hydrotechnics courses are covered by 12 assistants of which 2 are with the degree of Dr. Sc. And 10 are all MSc potential candidates in doctoral studies. Of the 12 assistants, 9 have regular employment contracts, while 3 have engaged contracts under F3.

The academic staff, ie the teachers are dedicated to the smooth running of the teaching process and always at the service of the students. During the lectures, the teacher offers the students the basic literature of the course as well as the additional literature for the students who express the greatest interest in the given field. Also, in the framework of seminar papers or various elaborations, the teacher provides students with the necessary instructions. In addition, throughout the academic year, the teacher is available to students and for consultations on certain issues.

The diploma thesis and the internship have no carrier and it is the right of the students to determine the field of study respectively the diploma pre-project with one of the teachers from the study program. The problem in itself remains the issue of the teacher's workload for the diploma thesis and practical work which is not calculated in weight by the academic staff.

Evaluation of the teacher, subject, teaching, teaching methodology, literature, etc. is done by students independently and uncensored in the electronic version on the ESMS platform. Data files with pedagogues' evaluations are created [A52], then the administration is also evaluated. Evaluations are accessible from the Rectorate of UP and periodically these reports are submitted to the Dean of the academic unit.

As common strategies for improvement, respectively implementation of quality assurance measures can be considered:

- updating the syllabi, in which the teaching units are detailed, the aim of the course, the expected learning outcomes, the teaching methods, the assessment methods, the etiquette rules as well as the basic and additional literature are presented in detail.
- Introducing students to syllabi and short programs by each teacher in the first hour of the course.

- drafting short programs for all subjects.
- compiling and submitting reports on student passing for each developed exam period.
- Questionnaires for the general staff completed by the academic, administrative staff and students on the occasion of the institutional evaluation.
- Student workload calculation form.

This ensures the increase of the degree of work transparency between teachers and students

Under state-level labor law, the retirement of regular academic staff is determined when the employee reaches the age of 65 years. Practices of FCE respectively UP, if the academic unit deems it necessary then the retired staff can be hired on a contract basis as external staff up to the age of 70 and with a reduced rate (maximum 5 academic hours, or two courses teaching) [A31, A32, A33].

### **SWOT analysis for academic staff**

#### **A. Strengths:**

- Teachers with academic experience,
- Qualified teachers,
- Teachers disciplined and trained in new teaching methods.

#### **B. Weaknesses:**

- No weaknesses are noticed regarding the academic staff, employment processes and professional development.

#### **C. Options:**

- Opportunity for engagement and accommodation of professors from other Universities,
- Opportunity to meet the demands of students and society,

#### **D. Challenges:**

- Provide potential staff by the time of recruitment.
- Providing institutional-financial support for the academic development and research activity of the teaching staff.

#### 4.3.4. Content of the educational process

The objective of the Study Program is defined as the approach to guarantee advanced training and specialized competencies through the provision of in-depth theoretical and practical knowledge in the field of Hydrotechnics, as well as to enable students to conduct independent research through the provision of knowledge, methods and techniques of scientific research.

The organization and development of teaching is a process that is followed, monitored and controlled very carefully both for the progress and in terms of quality. The teaching methods and techniques that are applied and used for undergraduate programs are diverse. In addition to the well-known forms of one-way teaching (from teacher to student), these methods tend towards forms of learning with the active participation of students and the structuring of their ideas with the joint contribution of teacher-student. According to these methods, the lecturer is in the classroom, not only in the role of lecturer, but also as a moderator and facilitator of the transfer of knowledge and the promotion of new ideas by students.

Upon completion of the study program of the first level of BSc Hydrotechnics, the student acquires knowledge by applying as academic competencies:

- Access to levels of society, possible with general culture raised.
- Group work, easily perceptible and acceptable.
- Skills of general areas, communication, reading, analysis.
- Access to various projects, moderate, with opportunities for professional discussion.

The study program for Bachelor of Hydrotechnics is in line with the Framework for Qualifications in the European Higher Education Area which specifies that "Cycle 1: 180–240 ECTS credit - usually ends with a Bachelor Degree". Also with the National Qualifications Framework of the state of Kosovo, the study program belongs to the first level of studies with 180 ECTS conducted in 3 years of study with 6 semesters.

Depending on the chosen form of teaching, the organization of teaching is determined, whether it will be inside classrooms, laboratories or in the field.

Academic staff is free to choose the most appropriate methodology to develop and organize the relevant subject. But in the study program BSc Hydrotechnics, being a very applicable direction, for Hydrotechnical Engineering courses it is recommended to use teaching methods and forms that include concrete practices in the field, laboratories, visits, observations, etc.

Apart from the theoretical side of each subject / module, all subjects / modules have in their content the practice as a key element in the acquisition of knowledge.

The study program BSc Hydrotechnics, combines groups of subjects such as: basic mathematical-natural subjects, basic subjects of civil engineering and subjects of hydrotechnical engineering. The program also offers electives for additional knowledge in the same and non-technical fields. Thus, English is included in the program as relevant to the globally interconnected world of research and business. The program also offers computer science courses to keep up with technological developments. The program contains a total of 28 compulsory courses in the above-mentioned fields, 13 elective courses within which is the practical internship and the diploma thesis. According to the international experts responsible



for the latest accreditation, the content of the courses of the Hydrotechnics program, the Bachelor level meets the European standards. Furthermore, the inclusion of English in the curriculum was considered useful (Final Report dated 19/05/2012) <https://www.google.com/search?q=rekomandimet+e+ekspertev+hidroteknike&oq=rekoman+dimet+e+ekspertev+hidroteknike&aqs=chrome..69i57j33.18295j0j9&sourceid=chrome&ie=UTF-8>

All subjects of the Bachelor of Hydrotechnics study program are from different fields and they only complement each other.

Thus in the group of natural mathematical subjects belong the subjects: Mathematics I, Mathematics II, Physics, Probability and statistics, Construction physics.

The group of basic subjects of civil engineering includes: Introduction to Civil Engineering, Descriptive geometry, Mechanics I, Construction materials, Measurement technique in geodesy, Building Constructions, Strength of materials, Mechanics II, Soil mechanics, Statics of constructions, Materials Strength II, Concrete Technology, Fluid Mechanics, Construction Geology, Concrete Structures, Steel Structures, Construction Organization and Technology, Construction Regulations, Road Design.

The group of subjects in the narrow field of Hydrotechnics includes: Fluid Mechanics, Hydraulics, Hydrology, Urban Water Management, Hydraulic Structures, Water Resources and Environment, River Engineering, Water Purification, Water Power Use, Wastewater Treatment, Environmental protection. And non-technical subjects such as English.

The bachelor level of the Hydrotechnics study program is comparable to the Faculty of Civil Engineering, University of Zagreb, Croatia. The comparability with the Faculty of Civil Engineering at the University of Zagreb is about 90%. Thus, out of a total of 39 courses foreseen by the Hydrotechnical study curriculum (FCE), 34 of them are included in the current Curriculum of the Faculty of Civil Engineering, University of Zagreb, Croatia, which is in use since the academic year 2013 / 2014 [https://www.grad.unizg.hr/programi/preddiplomski\\_sveucilisni\\_studij\\_gradevinarstva](https://www.grad.unizg.hr/programi/preddiplomski_sveucilisni_studij_gradevinarstva)

Also, the bachelor level of the study program Hydrotechnics is comparable to the extent of about 70% with the direction of Water Sciences and Environmental Engineering, at the Faculty of Civil Engineering and Geodesy, University of Ljubljana, Slovenia. Thus, out of a total of 39 courses foreseen by the Hydrotechnical study curriculum (FCE), 27 of them are included in the current Curriculum Water Sciences and Environmental Engineering, University of Ljubljana, Slovenia, which has been in use since the academic year 2019/2020, <https://www.en.fgg.uni-lj.si/study/1st-cycle-study-program/water-science-and-environmental-engineering-ba/>.

Also the bachelor level of the study program Hydrotechnics is comparable with the Faculty of Civil Engineering, University of Skopje, Macedonia at the rate of about 85%. Thus, out of a total of 39 courses foreseen by the Hydrotechnical study curriculum (FCE), 32 of them are included in the current Curriculum of the Faculty of Civil Engineering of the University of Skopje, in Macedonia for the academic year 2018/2019; see link: <http://gf.ukim.edu.mk/%d0%b3%d1%80%d0%b0%d0%b4%d0%b5%d0%b6%d0%bd%d0%b8%d1%88%d1%82%d0%b2%d0%be/>

The bachelor level of the study program Hydrotechnics is comparable with the University of Technology in Hamburg, with the program Construction and Environmental Engineering, the syllabus of the program for the academic years (2019 - 2024); see link: [https://studienplaene.tuhh.de/po/Bau/stpl\\_BUBS\\_kh\\_w19\\_beschluss\\_20190320\\_von\\_201910\\_01\\_bis\\_20240331\\_v\\_7\\_en.html](https://studienplaene.tuhh.de/po/Bau/stpl_BUBS_kh_w19_beschluss_20190320_von_201910_01_bis_20240331_v_7_en.html)

Upon completion of studies in the BSc Hydrotechnics program The student receives a degree with 180 ECTS with the Bachelor of Civil Engineering degree, BSc Hydrotechnics Studies Program.

Tabela 4.3.1. Organizimi i lendeve sipas kategorive.

Field of discipline	Formative activity	ECTS		
		ECTS	total	%
General formation	Introduction to Civil Engineering	3	27	15
	Mathematics I	9		
	Mathematics II	9		
	Physics	6		
Characteristic, Professional	Mathematics II	6	114	63.33
	Mechanics I	6		
	Construction materials	6		
	Urban water management	6		
	Measurement technique in geodesy	3		
	Probability and Statistics	3		
	Material Resistance I	6		
	Fluid Mechanics	6		
	Water supply	6		
	Urban water sewerage	6		
	Soil Mechanics	6		
	Theory of Structures	6		
	Hydraulic Structures	6		
	Hydrology	6		
	Hydraulics I	6		
	Utilization of water power	3		
	River engineering	6		
	Concrete constructions	6		
	Earthworks and mechanization	3		
	Hydraulics II	6		
	Field wastewater treatment systems	6		
Irrigation systems	3			
Construction Organization and Technology	3			
Integrated	English language	3	15	8.33
	Basics of Informatics A-CAD	6		
	Descriptive Geometry I	6		
	Environmental protection	3	Max up to 12 ECTS [6]	
	Practical work	3		
By choice	Concrete technology	6	Max up to 12 ECTS [24]	
	Road design	6		
	Water resources and the environment	6		

	Geotechnical Engineering	3		
	Construction Physics	3		
Additional	Construction Regulations	3	Max up to 12 ECTS [18]	
	Strength of materials II	6		
	Steel constructions	3		
	Mechanics II	6		
Diploma	Practical work	3	12	6.66
	Diploma Thesis	9		

Tabela 2.1.4. Program overview, MSc Hydrotechnical study program curriculum

First Year						
Semester I			Hours/Week			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Mathematics I	2	2	6	Prof.Dr. Abdullah Zejnullahu
2	C	Physics	2	2	6	Prof.asoc.Dr. Skender Kabashi (*
3	C	Descriptive Geometry	2	2	6	Prof.asoc.Dr.Arta Basha Jakupi (*
4	C	Introduction to Civil Engineering	2	0	3	Prof.ass.Dr.Hajdar Sadiku
5	C	Basics of Informatics / AutoCAD	2	2	6	Dr. Sc. Fidan Salihu (*
6	C	English language	2	0	3	Ardita Ibishi Lektore (*
Semester II			Hours/Week			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Mathematics II	2	2	6	Prof.Dr. Abdullah Zejnullahu
2	C	Mechanics I	2	2	6	Prof .ass.Dr Hajdar Sadiku
3	C	Construction materials	2	2	6	Prof.ass.Dr Cenë Krasniqi
4	C	Urban water management	2	2	6	Prof.asoc.Dr Figene Ahmedi
5	C	Measurement technique in geodesy	2	1	3	Prof.asist.Dr Ymer Kuka
6	C	Probability and Statistics	2	1	3	Prof.Dr. Fevzi Berisha
Second Year						
Semester III			Hours/Week			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Material Resistance I	2	2	6	Prof.ass.Dr. Arton Dautaj
2	C	Fluid Mechanics	2	2	6	Prof.asoc.Dr. Laura Kusari
3	C	Water supply	2	2	6	Dr. Skender Bublaku (*
4	C	Urban water sewerage	2	2	6	Dr. Skender Bublaku (*
5	E	Mechanics II	2	2	6	Prof.ass.Dr Hajdar Sadiku
6	E	Environmental protection	2	0	3	Dr.Sc. Anjeza Alaj (*
7	E	Construction Regulations	2	0	3	Dr.Sc.Illir Rodiqi (*
Semester IV			Hours/Week			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Soil Mechanics	2	2	6	Prof.ass.Dr Qani Kadiri
2	C	Theory of Structures	2	2	6	Prof.ass.Dr Ragip Hadri
3	C	Hydraulic Structures	2	2	6	Dr.Sc. Lavdim Osmanaj (*
4	C	Hydrology	2	2	6	Prof.asoc.Dr Naim Hasani
5	E	Strength of materials II	2	2	6	Prof.ass.Dr Arton Dautaj
6	E	Concrete technology	2	2	6	Prof.Dr. Naser Kabashi

7	E	Road design	2	2	6	Prof.asoc.Dr Naim Hasani
Third Year						
Semester V			Hours/Week			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Hydraulics I	2	2	6	Prof.asoc.Dr Naim Hasani
2	C	Utilization of water power	2	1	3	Dr. Skender Bublaku (*)
3	C	River engineering	2	2	6	Prof.asoc.Dr Laura Kusari
4	C	Concrete constructions	2	2	6	Prof. ass.Dr Kadri Morina
5	C	Earthworks and mechanization	2	1	3	Prof. ass.Dr Esat Gashi
6	E	Water resources and the environment	2	2	6	Dr.Sc. Lavdim Osmanaj (*)
7	E	Geotechnical Engineering	2	1	3	Prof. ass.Dr. Qani Kadiri
8	E	Steel constructions	1	2	3	Mr.Sc. Ali Muriqi
Semester VI			Hours/Week			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Hydraulics II	2	2	6	Prof.asoc.Dr Naim Hasani
2	C	Field wastewater treatment systems	2	2	6	Prof.asoc.Dr Figene Ahmedi
3	C	Irrigation systems	2	1	3	Prof.asoc.Dr Laura Kusari
4	C	Construction Organization and Technology	2	1	3	Prof. ass.Dr Esat Gashi
5	E	Practical work	3	0	3	Prof.asoc.Dr Figene Ahmedi
6	E	Construction Physics	2	1	3	Prof.ass.Dr Cenë Krasniqi
10	C	Diploma Thesis			9	

(U\*) *Practical or laboratory exercises which are organized in groups according to the Statute and Regulations in force of UP (ref: Regulation 2/486 dated 11/09/2019, Article 16 - point 2, table No.7 and Article 17 - point 2, table No.10)*

In Table 4.1.4. to the course holders, the sign (\*) indicates the academic staff engaged by the University of Prishtina and from outside UP. and are shown in the following table:

*Tabela 4.3.5. Staff engaged outside FCE*

Nr.	Subject	Professor
1	Descriptive geometry	Prof. asoc. Dr. Arta Jakupi, Faculty of Architecture (UP)
2	Water supply	Dr. Skender Bublaku, from outside UP-se
3	Urban water sewerage	
4	Utilization of water power	
5	Hydraulic Structures	Dr.Sc. Lavdim Osmanaj, from outside UP-se
6	Water resources and the environment	
7	Building Constructions	Prof Dr. Violeta Nushi Faculty of Architecture (UP)
8	Physics	Prof. dr. Skender Kabashi, Faculty of Natural Mathematical Sciences (UP)

9	Geology in construction	Prof.Ass.Dr. Islam Fejza Faculty of Mining and Metallurgy
10	English language	Ardita Ibishi, lecturer, from outside UP
11	Environmental Protection	Dr. Sc. Anjeza Alaj -Murati, outside UP
12	Construction Regulations	Dr. Sc. Ilir Rodiqi, outside UP

*Example of 3ECTS Student Load Determination (Groundwork and Mechanization)*

Activity	Lessons/ hours	Days/Week	Tootal
Lectures	2	15	30
Theory / Laboratory work / Exercises	1	15	15
Practical work			
Preparation for intermediate test			
Consultation with the teacher	0.5	10	5
Field work			
Test, seminar paper	1	5	5
Home work			
Individual learning (in the library or at home)	1	10	10
Preparing for the final exam	2	4	8
Assessment time (test, quiz, final exam)	2	1	2
Projects, presentations, etc.			
Add any other activity that is not on the chart ...			
<b>Total</b>			<b>75</b>

*Exaple of determining the student load of 6 ECTS (Fluid Mechanics)*

Activity	Lessons/ hours	Days/Week	Tootal
Lectures	2	15	30
Theory / Laboratory work / Exercises	2	15	30
Practical work	0	0	0
Preparation for intermediate test	2	5	10
Consultation with the teacher	1	5	5
Field work	0	0	0
Test, seminar paper	0	0	0
Home work	2	10	20
Individual learning (in the library or at home)	2	15	30
Preparing for the final exam	3	7	21

Assessment time (test, quiz, final exam)	1	2	2
Projects, presentations, etc.	2	1	2
Add any other activity that is not on the chart ...			
<b>Total</b>			<b>150</b>

### SWOT analysis for the content of the educational process

#### A. Strengths:

- Specific academic program based on today's market demands,
- Continuously accredited academic program that enables students to specialize or continue their studies in other countries,
- The content of various courses and their practical part enables strong cooperation with local companies,
- Interdisciplinarity.

#### B. Weaknesses:

- No weaknesses are noticed in terms of the learning process.

#### C. Options:

- Opportunities for applications of computer models in the curriculum,
- Opportunities for expanding cooperation and engagement of students in the community,
- Mobility of academic staff and students in International Universities in the field of Hydrotechnics.

#### D. Challenges:

- Increasing investments in the process of academic education.

#### 4.3.5. Students

Students are the most integral part of the University respectively the Faculty. As such they are the focus of all Institutional activity. At the University level there is a general regulation of BSc level studies [A7, A9] which assists the academic units for the organization and studies of this level. Within this regulation are defined, among others, the competencies of students, their duties, etc.

The bachelor level study program in Hydrotechnics is dedicated to candidates who have successfully completed high school and who are interested in the level of university studies in the Hydrotechnics study program.

The number of students to be admitted in the first year of study is the responsibility of the Senate of the University of Prishtina, based on the number proposed by the Faculty Council for the study program. Admission of students to the Hydrotechnics study program is carried out through a public call for applications for the entrance exam at the Faculty of Civil Engineering (FCE). The public call specifies all the admission criteria for this level of studies on the basis of which the selection of candidates will be made.

Student Tasks are:

- The student must attend the learning process (lectures, seminars, exercises in laboratories, etc.) according to the schedules and plans determined based on the Regulation of Studies and other acts in force of the Faculty. The presence criterion of at least 75% is a prerequisite.
- To know in detail the rules of the faculty and its obligations and to be aware of their implementation.
- To apply all the rules deriving from the Statute of the University [A1], from the Regulation for studies of BSc level [A8, A10] and from any other legal and sub-legal act for Higher Education.
- To pay all the obligations defined in the curriculum and subject programs.
- To be responsible for violations of the rules of the Faculty by him, the material damage he may have done.
- To respect the ethics of external appearance in accordance with the academic character of the Faculty respectively the University.
- To maintain and respect the ethics of behavior with the academic staff, non-academic staff, service staff, with other students, in the Faculty premises, in classes, in teaching practices and in any other activity organized by the Faculty respectively the University.
- To maintain and respect the inviolability of the lesson and the lecturer in the lesson. The student who manages to complete all the exams provided in the program curriculum and diploma and accumulates at least 180ECTS receives the title of Bachelor of Hydrotechnics, study program BSc Hydrotechnics.

During the studies at the Bachelor Hydrotechnical level students will have the opportunity to study according to the course plan given above which are subject to evaluations by the Faculty of Civil Engineering and Architecture and the University of Prishtina. As seen in the course descriptions, each of the courses has a theoretical part and a practical part organized in the form

of exercises, seminars or elaborations. The student evaluation process is done according to the policies created by FCE and UP in general. Also, students will have the opportunity to conduct field visits within certain subjects. Study visits can be made to various industrial companies, factories for water supply and those for water treatment, construction sites of various hydrotechnical facilities, etc. During these study visits, students will have the opportunity to see closely the processes and technologies of various fields of Hydrotechnics. In this regard, in the last semester of studies is foreseen the realization of practical professional work, in one of the institutions or organizations of the country. This internship is organized by the course holder in coordination with relevant organizations or companies.

Disa nga institucionet/departamentet dhe kompanitë, në të cilat studentët mund të zhvillojnë Punën praktik janë dhënë në vijim:

- Raj Regional River Basin Authority - Ministry of Environment and Spatial Planning (MESP)
- Kosovo Environmental Protection Agency - Ministry of Environment and Spatial Planning (MMPH)
- Regional Water Company “Prishtina”, Prishtinë,
- Regional Water Company “Gjakova”, Gjakovë,
- Regional Water Company “Hidro Drini” Pejë,
- Regional Water Company “Hidro Morava” Gjilan, etj.

The Hydrotechnics study program offers students the opportunity to deepen their theoretical knowledge and at the same time prepares them for a professional career in the field of Hydrotechnics. Students will utilize knowledge gained from hydraulics, hydrology, hydrotechnical structures, hydrogeology and groundwater to provide solutions for sustainable water use. These define water resources and identify key challenges in their conservation and maintenance. Using water for different purposes and activities will imply the need for different management strategies developed by Hydrotechnical Engineers. After the fundamental knowledge gained, identifying the advantages and limitations of different strategies, engineers will provide solutions for an integrated management of river basins.

At the end of the studies, the student works on the diploma thesis certifying the achievements of learning and the application of knowledge gained during studies in various fields of Hydrotechnics. After the successful completion of the bachelor level studies in the Hydrotechnical study program, the academic title "Bachelor of Civil Engineering" is obtained in the Hydrotechnical study program.

Upon successful completion of this program, students will be able to:

- Identify and describe hydrotechnical engineering issues,
- Identify and evaluate the impact of Hydrotechnics on society and the environment,
- Apply the knowledge gained from scientific and engineering subjects to solve problems in the field of Hydrotechnics,
- Critically evaluate arguments, hypotheses and data to make decisions and solve challenges in hydrotechnical engineering, thus preventing future problems,



- Participate in the planning, design, implementation and supervision of various hydrotechnical facilities,
- Have an ethical approach when solving problems in hydrotechnics,
- Apply the knowledge and skills acquired in further professional and academic education.

The Faculty of Civil Engineering provides students of all curricula with scholarships at the bachelor, master and doctoral level. All these opportunities are offered in the framework of scientific cooperation of the University of Prishtina "Hasan Prishtina" with other international universities. Students of the Hydrotechnical study program have also benefited from these cooperation programs for the continuation of master studies. All student mobility for academic advancement is regulated through the policies of the University of Prishtina (Foreign Relations Office within the UP,: <https://www.uni-pr.edu/>).

Through the ERASMUS + Mobility program of the European Commission, interested students are offered mobility scholarships at International Universities, in departments related to the fields of Hydrotechnics, such as:

- University of Graz, Austri - Faculty of Environmental, Regional and Educational Sciences (2019).
- Riga Technical University, Latvia (2019),
- Eberswalde University for Sustainable Development, Germany (2019),
- Middle East Technical University, Turkey (2019).

(Scholarships, UP Website: <https://www.uni-pr.edu/>).

For information on scientific achievements, students have access to the Science Direct digital library of the Elsevier publishing house (ScienceDirect, UP Website: <https://www.uni-pr.edu/>). Also, students have the opportunity to find electronic materials in the National Central Library through the LibApps platform created by the University of Prishtina within the Erasmus + project, "Library Network Support Services".

Student admission procedures range from the level of the University Senate to the academic unit. The Senate decides to announce the competition for admission of students in academic units. The number of students in the study programs is proposed by the Faculty itself and is usually approved by the same in the Senate (there may be exceptions). The competition specifies the minimum requirements and evaluation criteria for each academic unit, respectively study program.

The student admission exam is organized by the Faculty. The faculty council forms commissions for drafting exams, commissions for verification of documentation, commissions for evaluating exams. At the highest level of organization is the central commission for organizing the competition composed of the managerial staff of the faculty.

Within the deadlines set by the competition, the preliminary public results are announced on the premises of the Faculty and on the website of the Faculty [www.fn.uni-pr.edu](http://www.fn.uni-pr.edu).

## SWOT analysis for students

### A. Strengths:

- Significant number of students interested in studying in the study program Hydrotechnics, Bachelor level,
- Participation of students of both genders, Gender balance in the group of students applying for enrollment,
- Students do not drop out of school,
- Good inter-student relations,
- Better student services, thanks to the Student Management System (ESMS).

### B. Weaknesses:

- • Demographic movements that may cause a decrease in the number of students,
- • Lack of free movement of students,
- • Non-adaptation to teamwork - group projects,

### C. Options:

- Commitment of students for further studies, in the next cycle,
- Family support during studies,
- Possibility of involving international students,
- Opportunity to increase students' creativity,
- Expansion of cooperation with local companies,
- Improving the rapid employment of students,
- Encourage lifelong learning and education.

### D. Challenges:

- The role of higher education in society to be maintained at the level,
- Setting priorities between immediate employment or continuing study at the highest level.
- International internship for students.

#### **4.3.6. Research**

Teachers involved in the bachelor's degree program in Hydrotechnics are selected through policies developed by the University of Prishtina. This means that the teachers involved, in addition to the other required criteria, also meet the criteria for publishing scientific papers in international journals, which are in accordance with the Administrative Guide on the principles of recognition of international platforms and peer-reviewed journals (<https://www.uni-pr.edu/desk/inc/media/C15E46D5-5159-4E97-B8CB-D69734E39CA4.pdf>). Teacher research enables the implementation of this research experience in the classroom, in which case the students benefit.

The Faculty of Civil Engineering (FCE) has achieved that through the scientific project "InWaterSense" (Intelligent Wireless Sensor Networks for Monitoring Surface Water Quality), funded by the European Union (EU) (<https://inwatersense.uni-pr.edu/>) to realize cooperation between researchers in Kosovo from different fields, such as: Hydrotechnics, Computer Engineering, Kosovo Hydrometeorological Institute and from EU partner Universities, involved in the project, such as: Technical University of Vienna, Tyndall Institute and Linnaeus University. The InWaterSense project has provided the opportunity to publish joint scientific papers between the partners involved in the project. Also, the project "InwaterSense" has enabled the FCEA to be the bearer of some laboratory equipment (autosampler and mobile sensors for water quality analysis) in the service of students of the study program such as. for diploma thesis.

The bachelor level of the Hydrotechnics study program concludes with the work of the diploma thesis which is mainly individual research work. Thesis work can also be organized by a group of students for research in a specific field. Part of the research is planned to be conducted in collaboration with the relevant company, which can be achieved with the help of the advisory body within the FCE, but also through collaborations achieved within the practical work.

#### **SWOT analysis for research**

##### **A. Strengths:**

- Status as the main institution that gathers researchers and scientists of the country in the relevant field,
- Publications of scientific research in national and international journals,
- Visibility of scientific publications and other research activities, on-line publications,

##### **B. Weaknesses:**

- Lack of adequate financial support for research,
- Prolonged and inefficient procedures for providing financial support,
- Lack of laboratories within FCE, for more detailed research in the field of Hydrotechnics,
- Insufficient cooperation with the business sector in the country,
- Insufficient number of development and technological projects.

##### **C. Options:**

- National and international cooperation in the field of scientific research,
- Creating opportunities for better cooperation with the business sector in the country,
- Facilitate procedures and increase their efficiency in providing financial support,
- Increase financial support for research and publications of academic staff
- Investing in laboratories in the field of Hydrotechnics, within FCE.

**D. Challenges:**

- Limited investment in education and science at the state level,
- Limited cooperation between academic staff and professionals engaged in other areas of the field of Hydrotechnics,
- Possible development of research through self-financing, or through research projects to be applied,

The increase in teacher duties due to the Bologna system is jeopardizing the more powerful development of science.

**4.3.7. Infrastructure and resources**

The Department of Geodesy conducts its academic activities in a very unobstructed manner on the premises of the Faculty of Civil Engineering.

The Faculty of Civil Engineering, as an academic unit of the University of Prishtina, perform its academic, teaching and administrative activity in the "Technical building" located at the location with address: Agim Ramadani street, near UCK, Prishtina.

The Technical building is known as the Technical Faculty that is related to the history from the past when the Technical Faculty consisted of the academic units of Construction, Machinery and Electrical Engineering.

In the case when the units receive institutional independence within the University of Prishtina as:

- Faculty of Civil Engineering
- Faculty of Electrical Engineering and Computer Engineering
- Faculty of Mechanical Engineering

Then, the three Faculties as independent units operate among themselves in the premises of this facility, which is often identified as the facility of the "Technical Faculty" and more recently as the "Technical Campus".

The location of the "Technical Campus" is located in the southern part of the city of Pristina, near the three residential neighborhoods of the city of Pristina - Ulpiana, "Bregu i Diellit" and Mati 1 and on the south side borders with the University Clinical Center of Kosovo. The space includes an unfinished location in terms of urban development even though the whole surroundings have already been built in its entirety. The area of the location is about 87,000 m<sup>2</sup> or 8.70 hectares. The restriction with three high-order roads makes the location have easy

connections to the most important contents of the city by public transport, but also at the optimal distance for pedestrians.

The base built area is 10,140 m<sup>2</sup> or 11.6%. Part of the location in front of the faculty building and the laboratory building is arranged in greenery which is used by students and citizens of the surrounding neighborhoods. In front of the faculty, the building block defined by the Urban Development Plan is entirely dedicated to education and science.

The whole area around the building is equipped with all technical infrastructure services - water supply and sewerage, electricity supply, district heating services and telecommunications infrastructure.

The contents of the spaces of the "Technical Facility" are, common communication spaces (corridors, stairs, toilets and toilets, libraries, warehouses, etc.), amphitheatres, classrooms, cabinets for teachers, administration spaces, auxiliary spaces and others. Undoubtedly, the spaces that best complement the teaching process are the Laboratories which are located in the vicinity of the Faculty building and have considerable space.

Being three academic units (FCE, FECE and FME) of UP operating in these spaces, the spaces are divided proportionally. Spaces that cannot be divided proportionally in ownership then those spaces are utilized by rotation proportionally in terms of time. The surface of the building is 11455 m<sup>2</sup>, meanwhile, the laboratories of electrical engineering with 4205 m<sup>2</sup> and construction laboratories with 5650 m<sup>2</sup>. The total area belonging to the Faculty of Civil Engineering is about 9,468.33 m<sup>2</sup>.

The spaces that belong to the Faculty of Civil Engineering from this proportional division are: level of the building 500 with content 9 classrooms, 13 cabinets for academic staff, common communication spaces - corridors, toilets, warehouses, Laboratory of Informatics, etc. At this level of the building is also the library of the Faculties.

At level 400, are the common spaces of the Faculties - Large Halls, Toilets, Warehouses, etc. Most of the Faculty administration, student services, Secretariat, Dean's Office - management offices and Amphitheatres (415 and partly 408) are located at this level. At this level is the main entrance to the building.

At level 300, are the classrooms, the administration offices of the Faculty where the activity for student services takes place. Common spaces, corridors, stairs, toilets, toilets, etc.

At level 700, are the cabinets for the academic staff, the common spaces. Each of the regular academic staff at the Faculty has its own cabinet, desk, necessary equipment for work, computer, printer, telephone. Water Inside installed cabinets.

Considering the number of active students within FCE (total number of students in all study programs at FCE) about 4000 in relation to the total area of the building belonging to FCE is 9468.33 / 4000 then the area of the building for a student is 2.37 m<sup>2</sup> which is a good indicator of performance.

The general and technical conditions that the "Technician facility" offers are such that (calculating the time of use of the facility from the beginning of use 1982 until today - 38 years) on average meet the needs of work for our academic units. In the last 5 years, investments have been made in improving working conditions and environments. It is worth mentioning the improvement of heating, the operation of the heating network has significantly contributed to the improvement of conditions for regular teaching in classrooms. In 2018 by the World Bank Investments, the energy efficiency program, was invested in the thermal facade and windows of the building. Year after year, UP partially invests in the repair and functionalization of the spaces of our building. In 2018, investments were made in the arrangement of the premises of the Spaces in the part of the Laboratory facility, part of Geodesy as well as other Laboratories.

For the operation of the Laboratories, for the needs of learning, capital investments have been made in the equipment for the Laboratories of Geomechanics, Materials and Asphalt, Hydrotechnics and Environmental Engineering.

Despite the investments made and being made, parts of the building have not been repaired and there will be a need in the future to make further repairs related to the premises of the building. It is especially necessary and urgent to increase the capacity of the library or eventually to build its facility - the Technical Library in the future.

The maintenance of the facility and spaces, their provision is done by an economic operator contracted by UP. For all three faculties respectively for the whole facility the maintenance becomes joint.

All departments of the Faculty of Civil Engineering use the learning spaces jointly (separate spaces). Due to the specifics of the work, equipment and services Laboratories are divided in function of the experiments that take place.

All facilities of the Faculty are equipped with free Wifi Internet services.

SWOT Analysis for infrastructure and resources:

**E. Strengths:**

- Sufficient space for developing the learning process.
- Excellent lab spaces for studying and research
- Advanced Technologies in use
- Sufficient space for setting additional labs.
- Access in the ScienceDirect digital library.

**F. Weaknesses:**

- Utilization of foreign laboratories (other institutions) for the development of practical parts of the subjects and for research work.
- Insufficient textbooks in the library.
- Inadequate maintenance of the facility for the teaching process.

**G. Opportunities:**

- Building of a laboratory in FCA spaces allocated to geodesy fields.
- Expanding the field laboratory's capacity to serve common needs for all faculties and communities.

## **H. Challenges:**

- Securing funds for research and setting laboratories.
- Expanding international cooperation in research and teaching, with the aim of supplying libraries with books and labs with equipment.

## 5. LIST OF REFERENCES



UNIVERSITETI I PRISHTINËS  
"HASAN PRISHTINA"  
UNIVERSITY OF PRISTINA  
FAKULTETI I NDËRTIMTARISË – CIVIL ENGINEERING FACULTY  
Rr. Agim Ramadani, ndertesa e "Fakultetit Teknik", 10000 Prishtinë, Kosovë  
Tel: +381-38-548 644 URL: <http://www.uni-pr.edu> Mail: [fn@uni-pr.edu](mailto:fn@uni-pr.edu)

Dekani

Prof.Ass.Dr.Florim Grajcevci

Ref. nr. \_\_\_\_\_

Prishtinë \_\_\_\_\_ 2021

For the needs of drafting internal self-assessment reports of re-accreditation of study programs for BSc Construction, BSc Geodesy, BSc Hydrotechnics, MSc Construction and MSc Hydrotechnics, the following are the references which help for the facts and supports that the Faculty as an academic unit of the University of Prishtina bases its activity.

### LIST OF REFERENCES - RVB REPORT

Reference 1	Statute of UP
Reference 2	Monograph UP
Reference 3	Strategic Plan UP
Reference 4	Code of Ethics of academic staff
Reference 5	Agreement between the Faculty of Civil Engineering and the Faculty of Architecture
Reference 6	Job Description of the Dean
Reference 7	Regulation for Bachelor (BSc) studies UP
Reference 8	Regulation for Master studies (MSc) UP
Reference 9	Regulation for amendment of article 25, para. 7 of Regulation no. 2-921, dt. 24.10.2019, for bachelor studies at the University of Prishtina
Reference 10	Regulation for amendment of Regulation no. 2-922, dt. 24.10.2019, for scientific master studies at the University of Prishtina
Reference 11	Decision - Coordinator Florim Grajcevci
Reference 12	Decision - Coordinator Laura Kusari
Reference 13	Decision - Coordinator Figene Ahmedi
Reference 14	Decision - Coordinator Perparim Ahmeti
Reference 15	Decision - Academic Development Coordinator Enes Krasniqi
Reference 16	Decision - Commission for studies in FN
Reference 17	Bachelor Thesis Guide
Reference 18	Master Thesis Guide
Reference 19	Decision for extension of the graduation term BSc MSc and PhD
Reference 20	Regulation on appointment, reappointment and promotion of academic staff UP 2019
Reference 21	Regulation on appointment, reappointment and promotion of academic staff UP 2018
Reference 22	Regulation of evaluation procedures for the engagement of external collaborators UP
Reference 23	Report of the evaluation committee for engagement for external collaborators
Reference 24	Statement on the prevention of nepotism at UP



Reference 25	Rules of procedure of the electronic system for student management SEMS
Reference 26	Decision - Appointment of the supervisor of authorized assistants for lectures
Reference 27	Decision - Appointment of experts for the court case
Reference 28	Decision - Appointment of the FN Equivalence and Equivalence Commission
Reference 29	Approval of the regulation - Amendment of the regulation no.163 15.1.2015 - Advisory body of the academic units UP
Reference 30	CV Template of Academic Staff
Reference 31	Employment contract Template
Reference 32	Template part-time contract
Reference 33	Contract for engagement with overtime Template
Reference 34	Regulation on quality assurance and evaluation UP
Reference 35	National Chronicle of Qualifications
Reference 36	Guide for the evaluation of courses by students and the use of their results in UP
Reference 37	Regulation on the student election procedure
Reference 38	Regulation on Financing of Research - Scientific, Artistic and Sports Activity at the University of Prishtina "Hasan Prishtina " 3-879, 11.12.2020
Reference 39	Extension of the accreditation period for the study programs of UP - FN and FA
Reference 40	Decision of the Contract Manager and decision of the Admission Commission
Reference 41	Contract Notice - Supply of laboratory equipment for FIEK and others
Reference 42	Contract Notice - Supply and installation of laboratory equipment for FNA
Reference 43	Tender Dossier - Albanian_Supply with Laboratory equipment for FIEK and FNA
Reference 44	Tender Dossier-English_Supply and installation of Laboratory equipment for FNA
Reference 45	Contract and Financial Offer-Lot-2
Reference 46	Demand - Supply of Laboratory equipment for FNA - Ritender
Reference 47	List of Academic Staff Hydrotechnics
Reference 48	List of Academic Staff Construction
Reference 49	Preliminary procurement planning - budget for 2021
Reference 50	Rectorate request regarding the budget of 2021, 22 from FN, FIM, FIEK
Reference 51	Requests and Forms
	Official record
	Request Form
	Form F1B_Request for BSc mentor appointment
	Form F2B_Report for approval, formation of the commission and defense of the BSc diploma thesis
	Request for withdrawal of diploma thesis and decision for defense BSc
	Form F1_Request for evaluation of the project proposal of the MSc diploma thesis
	Form F1_Evaluation Report of the MSc Project Proposal

	Form F2_Request for the Formation of the Commission for the evaluation of the MSc Diploma thesis
	Form F3_Study thesis evaluation report MSc
	Form F4_Form for the defense of the MSc diploma thesis
Reference 52	Questionnaires
	Questionnaire for academic staff Albanian
	Questionnaire for academic staff English
	Subject evaluation questionnaire Albanian
	Subject evaluation questionnaire English
	Questionnaire for Bachelor students - English
	Questionnaire for Bachelor students - Albanian
	Questionnaire for the administrative and support staff of the university - Albanian
	Questionnaire for administrative and support staff of the university English
Reference 53	Template, Certificate of training of academic staff
Reference 54	Regulation on academic mobility of students at the University of Prishtina
Reference 55	Planned budget 2021,2022,2023
Reference 56	Planimetry of the faculty building-Floor 3
Reference 57	Planimetry of the faculty building-Floor 4
Reference 58	Planimetry of the faculty building-Floor 5
Reference 59	Planimetry of the faculty building-Floor 7
Reference 60	Suterren-Laboratories and Classrooms
Reference 61	Ground Floor-Laboratories and Classrooms
Reference 62	Laboratories and Classrooms - 1st floor
Reference 63	Learning agreement Student Mobility for Studies

## 6. APPENDICES

### 6.1. Academic staff and Institutional Management

The following tabular forms will present the Academic Staff engaged in each of the Programs under evaluation:

- BSc Construction
- BSc Geodesy
- BSc Hydrotechnics

Academic staff at the FCE: Construction Program (BSc)

Nr.	Emri e mbiemri	Thirrja / kualifikimi	Titulli Akademik	Kohëzgjatja e kontratës	Ngarkesa e punës	Aktiviteti administrativ*	Hulumtim**
<b>FNA - Personeli i rregullt (FT)</b>							
1	Abdullah Zejnullahu	Dr.sc. Matematikë	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS*	CV**
2	Naser Kabashi	Dr.sc. Ndërtimtari	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
3	Violeta Nushi	Dr.sc. Arkitekturë	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
4	Arta Basha-Jakupi	Dr.sc. Arkitekturë	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
5	Fatos Pillana	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
6	Laura Kusari	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
7	Naim Hasani	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
8	Përparim Ameti	Dr.sc. Gjeodezi	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
9	Zekirija Idrizi	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
10	Arton Dautaj	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
11	Cenë Krasniqi	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
12	Esat Gashi	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
13	Florim Grajçevci	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
14	Hajdar Sadiku	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
15	Kadri Morina	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
16	Qani Kadiri	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
17	Ragjip Hadri	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
18	Ali Muriqi	Mr.sc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
19	Vlora Shatri	Mr.sc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
20	Anita Gjukaj	MSc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
21	Bajram Shefkui	MSc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
22	Enes Krasniqi	MSc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
23	Labeat Misini	MSc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
24	Milot Muhaxheri	Dr.sc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
25	Burbuqe Shatri	Mr.sc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
<b>FNA - Personeli i angazhuar (PT)</b>							
1	Skender Kabashi	Dr.sc. Fizikë	prof.dr.FSHMN	e caktuar	6 orë në javë	Çasja në SEMS	CV
2	Bekim Gashi	Dr.sc. Biologji	prof.ass.FSHMN	e caktuar	6 orë në javë	Çasja në SEMS	CV
3	Islam Fejza	Dr.sc. Teknologji	prof.dr.FXM_M	e caktuar	6 orë në javë	Çasja në SEMS	CV
4	Ilir Rodiqi	Dr.sc. Ndërtimtari	ligj.	e caktuar	6 orë në javë	Çasja në SEMS	CV
5	Osman Osmani	MSc. Gjuhë angleze	lektor	e caktuar	6 orë në javë	Çasja në SEMS	CV
6	Anita Sadikaj	MSc. Ndërtimtari	ass.	e caktuar	10 orë në javë	Çasja në SEMS	CV
7	Fidan Salihu	MSc. Ndërtimtari	ass.	e caktuar	10 orë në javë	Çasja në SEMS	CV
8	Amend Muja	MSc. Ndërtimtari	ass.	e caktuar	10 orë në javë	Çasja në SEMS	CV
9	Valon Veseli	MSc. Ndërtimtari	ass.	e caktuar	10 orë në javë	Çasja në SEMS	CV
* Vërejtje-1: SEMS (Sistemi elektronik për menaxhimin e studenteve), casje në sistem për vlerësimin e performancës së studenteve							
** Vërejtje-2: CV-te të cilat bashkëlidhen tregojnë aktivitetin hulumtues për secilin staf akademik (ju lutem i referoheni)							

Academic staff at the FCE: Geodesy Program (BSc)

Nr.	Emri e mbiemri	Thirrja / kualifikimi	Titulli Akademik	Kohëzgjatja e kontratës	Ngarkesa e punës	Aktiviteti administrativ*	Hulumtim**
<b>FNA - Personeli i rregullt (FT)</b>							
1	Abdullah Zejnullahu	Dr.sc. Matematikë	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS*	CV**
2	Fevzi Berisha	Dr.sc. Matematikë	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
3	Murat Meha	Dr.sc. Gjeodezi	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
4	Figene Ahmedi	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
5	Përparim Ameti	Dr.sc. Gjeodezi	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
6	Bashkim Idrizi	Dr.sc. Gjeodezi	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
7	Dukagjin Hasimja	Dr.sc. Arkitekturë	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
8	Besim Ajvazi	MSc. Gjeodezi	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
9	Fitore Bajrami	MSc. Gjeodezi	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
<b>FNA - Personeli i angazhuar (PT)</b>							
1	Skender Kabashi	Dr.sc. Fizikë	prof.dr.FSHMN	e caktuar	6 orë në javë	Çasja në SEMS	CV
2	Kadri Sylejmani	Dr.sc. Elektroteknikë	prof.ass.FIEK	e caktuar	6 orë në javë	Çasja në SEMS	CV
3	Ismail Kabashi	Dr.sc. Gjeodezi	prof.ass.	e caktuar	6 orë në javë	Çasja në SEMS	CV
4	Osman Osmani	MSc. Gjuhë angleze	lektor	e caktuar	6 orë në javë	Çasja në SEMS	CV
5	Ymer Kuka	Dr.sc. Gjeodezi	ass.	e caktuar	6 orë në javë	Çasja në SEMS	CV
6	Fisnik Loshi	MSc. Gjeodezi	ass.	e caktuar	10 orë në javë	Çasja në SEMS	CV
* Vërejtje-1: SEMS (Sistemi elektronik për menaxhimin e studenteve), casja në sistem për vlerësimin e performancës së studenteve							
** Vërejtje-2: CV-te të cilat bashkëlidhen tregojnë aktivitetin hulumtues për secilin staf akademik (ju lutem i referoheni)							

Academic staff at the FCE: Hydrotechnics Program (BSc)

Nr.	Emri e mbiemri	Thirrja / kualifikimi	Titulli Akademik	Kohëzgjatja e kontratës	Ngarkesa e punës	Aktiviteti administrativ*	Hulumtim**
<b>FNA - Personeli i rregullt (FT)</b>							
1	Abdullah Zejnullahu	Dr.sc. Matematikë	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS*	CV**
2	Fevzi Berisha	Dr.sc. Matematikë	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
3	Naser Kabashi	Dr.sc. Ndërtimtari	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
4	Violeta Nushi	Dr.sc. Arkitekturë	prof.dr.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
5	Arta Basha-Jakupi	Dr.sc. Arkitekturë	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
6	Figene Ahmedi	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
7	Laura Kusari	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
8	Naim Hasani	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
9	Përparim Ameti	Dr.sc. Gjeodezi	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
10	Zekirija Idrizi	Dr.sc. Ndërtimtari	prof.asoc.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
11	Arton Dautaj	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
12	Cenë Krasniqi	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
13	Hajdar Sadiku	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
14	Kadri Morina	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
15	Qani Kadiri	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
16	Ragip Hadri	Dr.sc. Ndërtimtari	prof.ass.	e përherëshme	6 orë në javë	Çasja në SEMS	CV
17	Ali Muriqi	Mr.sc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
18	Arban Berisha	Mr.sc. Ndërtimtari	ass.	e përherëshme	10 orë në javë	Çasja në SEMS	CV
<b>FNA - Personeli i angazhuar (PT)</b>							
1	Enver Hamiti	Dr.sc. Elektroteknikë	prof.dr.FIEK	e caktuar	6 orë në javë	Çasja në SEMS	CV
2	Skender Kabashi	Dr.sc. Fizikë	prof.dr.FSHMN	e caktuar	6 orë në javë	Çasja në SEMS	CV
3	Bekim Gashi	Dr.sc. Biologji	prof.ass.FSHMN	e caktuar	6 orë në javë	Çasja në SEMS	CV
4	Islam Fejza	Dr.sc. Teknologji	prof.dr.FXM_M	e caktuar	6 orë në javë	Çasja në SEMS	CV
5	Ilir Rodiqi	Dr.sc. Ndërtimtari	ligj.	e caktuar	6 orë në javë	Çasja në SEMS	CV
6	Osman Osmani	MSc. Gjuhë angleze	lektor	e caktuar	6 orë në javë	Çasja në SEMS	CV
* Vërejtje-1: SEMS (Sistemi elektronik për menaxhimin e studenteve), casja në sistem për vlerësimin e performancës së studenteve							
** Vërejtje-2: CV-te të cilat bashkëlidhen tregojnë aktivitetin hulumtues për secilin staf akademik (ju lutem i referoheni)							

## 6.2. Students - data

Number of current students in FCEA Programs

	Bachelor			Master			Total		
	total	F	M	total	F	M	total	F	M
<i>Constructive</i>	606	106	500	146	23	123	752	129	623
<i>Hydrotechnic</i>	251	51	200	59	15	44	310	66	244
<i>Geodesy</i>	231	57	174	42	7	35	273	64	209
<i>Environmental Engineering</i>	72	44	28				72	44	28
<i>Energy efficiency</i>				41	21	20	41	21	20
<i>Architecture 4+1</i>				320	88	232	320	88	232
<i>Road Infrastructure</i>				21	7	14	21	7	14
<i>Architecture</i>	750	387	363	40	101	83	934	488	446
<b>TOTAL</b>	<b>1910</b>	<b>645</b>	<b>1265</b>	<b>349</b>	<b>141</b>	<b>125</b>	<b>2318</b>	<b>786</b>	<b>1532</b>

Number of students and graduates in the last three years

CONSTRUCTIVE	Year	BACHELOR		MASTER	
		Students	Graduated	Students	Graduated
	2017/2018	127	73	37	15
	2018/2019	123	70	31	14
	2019/2020	119	63	24	12
	HYDROTECHNIC	Year	BACHELOR		MASTER
Students			Graduated	Students	Graduated
2017/2018		57	36	0	0
2018/2019		28	37	28	2
2019/2020		26	22	14	8
Year		BACHELOR		MASTER	
	Students	Graduated	Students	Graduated	

GEODESY	2017/2018	34	32	0	0
	2018/2019	55	50	21	1
	2019/2020	38	37	19	0
ROAD INFRASTRUCTURE	Viti	BACHELOR		MASTER	
				Studente	Graduated
	2017/2018			3	2
	2018/2019			1	5
INXHINIERI E AMBIENTIT	2019/2020			0	1
	Viti	BACHELOR			
		Students	Graduated		
INXHINIERI E AMBIENTIT	2017/2018	34	3		
	2018/2019	28	6		
	2019/2020	8	11		

*Number of drop-out students for the last three years*

The level of studies	2017/18	2018/19	2019/20
Bsc level	23	15	6
Master level	2	2	0
PhD level			

### 6.3. Facilities and equipment

DESTINATION AREA	QUANTITY	AREA (m2)
1 CLASSROOMS	19	1200
2 LABORATORY	7	1268
2' ACCOMPANYING THE LABORATORY SPACE (lab, classroom*, warehouse)	6*	1589
3 CABINETS	26	379
4 ADMINISTRATION	8	240
5 COMPUTER ROOMS	3	240
6 Corridors + toilets + auxiliary space		2397
<b>SUBTOTOTAL AREA FOR DEPARTAMENTOS (THE BUILDING OF TECHNICAL FACULTIES AND LABORATORIES)</b>		<b>7255 m2</b>

DESTINATION AREA	QTY	AREA (m2)
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1	CLASSROOMS	8	525
2	LIBRARY	1	36
3	COMPUTER ROOM	1	56
4	CABINETS	19	309
5	ADMINISTRATION	1	30
6	TECHNICAL SPACE	1	22
7	COFFE AREA	1	35
8	RECEPTION AREA	1	7
9	TOILET	2	42
10	MAINTENANCE	2	30
11	COMMUNICATION AND CORRIDORS		
A	SUBTOTAL OF MAIN BUILDING (BUILDING 1)		1725m2
B	MODELARIUMI (BUILDING 2)	1	515 m2
C	AMPHITHEATER (BUILDING 3)	1	300 m2
SUBTOTAL AREA IN THE FACILITIES OF THE DEPARTAMENT OF ARCHITECTURE			<b>2540 m2</b>

	EQUIPMENT	QUANTITY
1	PROJECTORS	24
2	CONCRETISATION ASSETS	54
3	LAB EQUIPMENTS (I-building materials)	150
4	LABORATORY EQUIPMENTS (II-tarmac)	32
5	LABORATORY EQUIPMENT (Hydrotechnics)	68
6	LABORATORY EQUIPMENT (Msc Geodesy)	8
7	LABORATORY EQUIPMENT (Energy efficiency)	8
8	LABORATORY EQUIPMENT (III-geomechanics)	8
TOTAL EQUIPMENTS AT DEPARTMENT OF CIVIL ENGINEERING		279

BOOKS		QUANTITY
1	BOOK CATALOGUE	2
2	BOOK ELECTRONIC CATALOGUE	2

IT INFRASTRUCTURE		QUANTITY
1	INTERNET	In all areas
	NUMBER OF PCs	
2	ACCADEMIC STAFF	50
	NUMBER OF PC	
3	STUDENTS	95
	NUMBER OF PC	
4	ADMINISTRATION	20
5	WI FI	In all areas
6	PRINTERS	50
7	TELEPHONE	6
8	PHOTOCOPY MACHINES	3

#### 6.4. Budget Plan and Financing for FN and FA

Budgeting and financing plan (accounts of revenues, capital expenditures, research expenditures and capital expenditures) at the level of the Academic Unit / Institution in general, for at least the next three years:

STAFF / SALARY AND WAGES	Approved Employee Number 2019	Budget Planning for 2020		Budget Planning for 2021		Budget Planning for 2021	
Full Professor	5	7	267,201	8	293,921	9	323,314
Associate Professor	8	8	119,924	9	131,917	10	145,108
Assistant Professor	15	17	75,892	18	83,481	19	91,829
Lecturer	1	1	24,045	2	26,450	3	29,095
Assistant	18	20	286,287	21	314,915	22	346,407
Administration staff	11	12	109,147	13	120,061	14	132,067
Collaborator	28	30	416,782	31	458,460	32	504,306
<b>TOTAL STAFF AND SALARY EXPENSES</b>	127	95	<b>1,299,278 €</b>	102	<b>1,429,206 €</b>	109	<b>1,572,126 €</b>



EXPENSES IN OTHER ECONOMIC CATEGORIES	Budget Planning for 2020	Budget Planning for 2021	Budget Planning for 2021
GOODS OF SERVICES	448,270	473,097	520,407
MUNICIPAL COSTS	77,000	84,700	93,170
CAPITAL COSTS	1,705,700	1,876,270	2,226,270
TOTAL COSTS IN OTHER ECONOMIC CATEGORIES	2,230,970 €	2,434,067 €	2,839,847 €
TOTAL COSTS AND STAFF	3,530,248 €	3,863,272.86 €	4,411,973 €

## 6.5. The structure of Appendices in an electronic format

### UP-FCE-2019 (Main folder)

#### 1 Documents

01-Annex-First page-Application

02-1-SER-UP-FCE-riaccreditation-Constructive

02-2-SER-UP-FCE-riaccreditation-Geodesy

02-3-SER-UP-FCE-riaccreditation-Hyrotechnics

03-Annex-FCE-Quality improvement plan

04-Annex-Work and scientific projects

05-Annex-Cooperation Agreements

#### 2 CV

CV-BSc Constructive (*CV's of the Teaching staff in the Program*)

CV-BSc Geodesy (*CV's of the Teaching staff in the Program*)

CV-BSc Hyrotechnics (*CV's of the Teaching staff in the Program*)

#### 3 Syllabuses

Syllabuses- BSc Constructive (*of all Courses in the Program Curriculum*)

Syllabuses- BSc Geodesy (*of all Courses in the Program Curriculum*)

Syllabuses- BSc Hyrotechnics (*of all Courses in the Program Curriculum*)