



UNIVERSITY OF PRISHTINA
“HASAN PRISHTINA”

FACULTY OF CIVIL ENGINEERING
CONSTRUCTION BSc. 2021/2022 – 2023/2024



UNIVERSITETI I PRISHTINË
"HASAN PRISHTINA"
UNIVERSITY OF PRISTINA
FAKULTETI I NDËRTIMTARISË – CIVIL ENGINEERING FACULTY
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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
PROGRAM:
CONSTRUCTION (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), 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

2.1. A brief overview of the program under evaluation: Bachelor of Science in Construction (BSc)

Market research and understanding of current needs are determinants of professional development requirements in the fields of Civil Engineering, the FCE provides professional staff of relevant fields who can serve the demands of the labor market. This is not only possible with genuine studies by receiving feedback from companies, institutions which have a request for this type of profile but also based on the University Mission that defines the priority areas where the academic unit carries out its activity.

The Bachelor of Science in Construction (BSc) study program aims to positively transform society by making a significant contribution, influencing public policies where it has been involved with expertise and staff and student work in a range of important reforms. Progressive influences include those in the territorial and administrative fields, decentralization and local government, as well as education reform in general.

This study program is an integral part of the implementation of the mission that the institution has, and has the objectives for the education of engineers based on the latest scientific achievements in civil engineering field, and at the same time adding more specific competences for students through general knowledges related to interdisciplinarity and complexities of construction fields, which require synergy with many other related disciplines. So, in addition to the basic knowledge in the field of construction, the BSc Constructive Studies Program offers students development opportunities for communication, design, management and other general knowledge

The program offers students the opportunity to adapt to technological change and make them compete both domestically and internationally. Engineers are a central figure and responsible for the design, construction and operation of a wide range of projects of various categories. The market itself and the crisis that has involved it at the moment is a very complex challenge for finding new and effective solutions, both in an economic context and in the social, technological and environmental context. This program aims to provide students with the appropriate technical and construction process management skills to effectively contribute to this environment and prepare students for their careers as engineers but also as future researchers.

Based on the goals and objectives of the National Science Program of Evolutionary and Innovative Economics which prove that the development of society and the economy, depend to a large extent, on the capacity to acquire and production of new knowledge, to which can be managed and transformed to meet the collective and technological needs of the economy, society and social factors. Access to scientific and technological knowledge is considered as an important factor of the country's development for the attraction of new industries and services.

The study program offered by FCE, for the level of bachelor studies (BSc) from the Constructive department, represents the basic study in the offered study programs, which are

related to the needs of the market economy and create a good basis for the continuation and deepening of knowledge for further studies of higher levels.

Moreover, updating and development of the study program for structures will be supported by the demands and needs of the labor market not only at the national level but also abroad, at the level of Europe and beyond, therefore the updating of the program is based in many Higher Education Institutions at regional and European level.

This program aims to provide students with the appropriate management skills for technical and construction process to effectively contribute to this environment and prepare students for their careers as engineers but also as future researchers. The FCE organizes study programs in other engineering fields such as studies in Hydrotechnics, Geodesy, in two levels and Environmental Engineering at BSc level, therefore this study program for structures at best fulfills the spectrum of technical fields of these programs.

The undergraduate study program in constructive is organized in three years of study, in six semesters with 30 ECTS for each semester. The offered courses and modules mostly cover the fields of civil engineering, enabling students to make a profile in the field of construction, both theoretically and practically. The sustainability of the study program lies and is based on local and European relevance in terms of the field of construction, construction development, advanced construction technology, rationalization of the workforce during construction and materials, labor market requirements, continuity in higher level studies and others.

The subjects and modules of the study program for constructions are designed in convergence "*from the simplest to the most complex*", with cohesion between themselves. At the end of the studies, with the diploma work, the student acquires not only professional competencies which prepare the student for the job market, but also the general competencies necessary for his life.

Compatibility with European Universities enables the students to attend lectures and modules in English language, which is a one of the goals of the FCE.

For the study programs namely, the Bachelor BSc and Master of Science MSc levels, their content respectively the curricula are based on the Universities of the region and Europe which are credible and have achievements, long tradition of organizing studies and study programs, and nevertheless are based in the Bologna system. As a basis for comparability of programs are taken: University of Zagreb - Faculty of Civil Engineering, University of Ljubljana - Faculty of Civil Engineering, Architecture and Geodesy, ITU (Technical University of Istanbul) Turkey; KTH (Royal Technical University Stockholm) Sweden; VGTU (Vilnius Gediminius Technical University) Lithuania; Aristotelian University Thessaloniki, Greece; University of West Hungary.

In addition, the FCE has coordination and cooperation with regional and international universities, such as: Cyril and Methodius University Skopje - Faculty of Civil Engineering, Polytechnic University of Tirana - Faculty of Civil Engineering; Faculty of Architecture and Urbanism, Tirana; Faculty of Civil Engineering Leipzig Germany; Faculty of Civil Engineering Liege, Belgium; Polytechnic of Milan, Italy; Faculty of Civil Engineering Maribor, Slovenia; Anhalt University of Applied Sciences. These Universities are ready to

offer and exchange experiences in many aspects such as learning processes, by providing opportunities for studies at different levels as well as other aspects of professional fields. In this framework, exchanges of experiences were realized by the Academic Staff of these faculties in the FCE, through participation in lectures or in other forms. Undoubtedly, the cooperation of the FCE with the Faculty of Architecture is in very extraordinary relations from all fields, academic staff, administration, students, study programs, etc.

Upon completion of this level of studies the student accumulates 180ECTS, and in addition to the labor market they have the opportunity to continue their second level master studies in the same fields of construction as in other related master study programs (road infrastructure, energy efficiency, etc.) respecting the regulations for the studies of the Bachelor and Master programs at the University level.

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 Constructive:

1. It is urgent and necessary to carry out the procedure for immediate re-accreditation of study programs for BSc and MSc levels (*It is urgently necessary to do the next re-accreditation procedure in Bachelor level and Master level together. The Master program got a re-accreditation in the year 2014. So the next re-accreditation procedure should be in 2018*).

The academic unit, the Faculty of Civil Engineering conducts all procedures in accordance with the requirements of the Office for Academic Development of the University of Prishtina, taking into account all the requirements of the Accreditation Agency regarding the re-accreditation of study programs. FN has appointed the coordinator [A15] as the authorized representative for communication with the ADO and eventually presentation of our academic unit as needed.

Each study program for the two levels of studies BSc and MSc with separate decisions have the holders of study programs. The holders of the study programs are all academic staff with a

regular employment contract and with scientific degrees Dr. Sc as well as with academic vocations Assistant Professor, Associate Professor and Full Professor. Each BSc study program has in addition to the holder the second person responsible for the study program, while the MSc study programs in addition to the holder are also two parts of the regular academic staff to assist in the development of the program [A11, A12, A13, A14].

The drafting of the SER is carried out by the program holder with the help of the academic staff as well as the administration, as part of the FN. Reaccreditation policies of study programs are implemented by KAA who have decision-making powers. Tables 4.1.2 (4.2.2 and 4.3.2) show the flows and accreditation periods of study programs belonging to FCE.

2. Internationalization of curriculum, research and teaching (*Install Internationalization in the curriculum, teaching and research, Provide proof of engagement for achieving international research programs, like Tempus programs*).

Part of the mission of UP and FCE is the internationalization of academic units respectively study programs. At the level of UP there are international agreements regarding institutional issues which are used by the academic units respectively the students independently. The year 2020 due to the pandemic has greatly blurred this field of action. Our academic unit counts actions in terms of internationalization, some of the projects as part of the Tempus DPAWB project in the period 2014-2017, lectures, workshops and seminars with representatives of European universities - project partner: University of MINHO-Portugal, Professor Manuela Almeda; Anhalt University of Bauhaus-Dessau, prof. Stephan Pinkau; University of Netherland, prof. Jim; Technical University of Bratislava-prof. Marosh Pinka. We have cases of student mobility in European Universities through ERASMUS + programs [A56]. Within the University of Prishtina there is a Center for excellence in teaching of <https://fxm.uni-pr.edu/Universiteti/Administrata-Qendrore/Qendra-per-persosmeri-ne-mesimdhene.aspx> which has an important role in the training of UP academic staff for the advancement of teaching methods. All regular academic staff is trained and certified [A53]. The Faculty of Civil Engineering has academic potential for the development of research projects and is demanding for the possibility of international cooperation.

3. To prove modern teaching methods, didactic teaching and learning methods (*Show success in modern teaching, didactical methods of teaching and learning*).

The academic staff of FCE is subject to training for teaching with advanced didactic methods in order for the learning to be at the highest possible level among the students. The "QPM" has also organized trainings for the regular academic staff for the compilation of course syllabi, specifying the learning outcomes related to the didactic teaching methods. In this regard, the new teaching methods of the academic staff of FCE are clearly distinguished, this by evaluating the learning outcomes and the exercise of the competencies achieved by the students placed in the labor market. Each teacher has his office equipped with a computer, printer, while the classrooms where the teaching is organized are equipped with concretization tools which are advanced tools (video projector, internet etc.)

The electronic student management system is an indicator of the increased performance of values in teaching (meritorious to mention the evaluation of professors by students [A52]). The methods of assessment of students by teachers are advanced taking into account the continuous

assessment of the student according to his work-commitment during the semester, then the organization of final exams having accurately determined the time of their organization and the speed of completion of assessments.

4. INSTITUTIONAL EVALUATION OF STUDY PROGRAMS

4.1. CONSTRUCTION (BSc) Study Program

Name of institution	University of Prishtina "Hasan Prishtina"
Faculty / Department	Faculty of Civil Engineering / Construction
Main Campus and / or Branch:	Main campus
If applying for a branch please specify the Branch:	
Name of study program:	Construction
The person responsible for the study program:	Prof.ass.Dr. Qani Kadiri
Accreditation / Reaccreditation	Reaccreditation
Qualification level according to NQF:	1st cycle. Level 6
Academic degree or the name of the academic degree in the diploma:	BSc in Construction Constructive Study Program
ECTS:	180
Study program profile:	Konstruksionet
Field of study according to Erasmus Subject Area Codes (ESAC):	06.04 (Construction)
Form of Studies:	Regular studies
Minimum Duration of Studies	3 years
Number of places for study:	150
Indicate permanent scientific staff for the Study Program (At least 3 PhD)	<ol style="list-style-type: none"> 1. Prof.Dr. Naser Kabashi 2. Prof.Dr. Abdullah Zejnullahu 3. Prof.asoc.Dr. Fatos Pllana 4. Prof.ass.Dr. Florim Grajcevc 5. Prof.ass.Dr. Hajdar Sadiku 6. Prof.ass.Dr. Cene Krasniqi 7. Prof.ass.Dr. Qani Kadiri 8. Prof.ass.Dr. Ragip Hadri 9. Prof.ass.Dr. Esat Gashi 10. Prof.ass.Dr. Arton Dautaj 11. Dr.sc. Milot Muhaxheri 12. Dr.sc. Zijadin Guri

4.1.1. Mission, objectives and administration

The mission of the Faculty is in full compliance with the mission of the University which aims to develop academic education, scientific research, professional counseling, artistic creativity etc. while the mission of the Bachelor study program in Construction study is to prepare students professionally as Construction Engineers in the profile of Structures with the potential to integrate into a multidisciplinary work context in both the private and public employment sectors.

Civil engineers are a central figure and responsible for the design, build and operation of a wide range of infrastructure projects. This program aims to provide students with the appropriate

technical and process management skills effectively to contribute to this field and prepare students for their careers as engineers and as future researchers.

The purpose of placing a construction engineer in the job market goes beyond the task of simple structural design and project implementation, but requires a key role from the early stages of Architectural design, as well as collaboration and coordination with all other processes such as Machinery, Electronics, Hydrotechnics etc. In order for this to become a reality, the engineer must possess competencies in planning, organizing, supervising and coordinating the actors and elements necessary in the construction process. To do this requires education based on a wide and comprehensive knowledge spectrum in the fields not only of science and technology but also of other fields. The program provides students with the opportunity to adapt to technological change and make them compete both domestically and internationally.

The BSc Constructive 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 Constructive 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/kombiza_kombetare_e_qualifications_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 Constructive study program according to this framework belongs to the first cycle of studies with 180 ECTS credits.

The study program for the Bachelor (BSc) Construction is offered to students who have completed high school and completed the Matura exam (or if they did not have Matura exam). Construction BSc Studies last 3 years of study and provide 180 ECTS and this level of Studies is in accordance with the European Qualifications Framework of Higher Education, which is a 1st cycle and usually ends with a Bachelor Degree. According to the National Education Qualifications Framework, the study program offered is Level 6.

This first cycle study program can be considered as the basis of studies that provide basic training in the field of civil engineering. The program is oriented towards teaching, continuous research, special research and providing a platform designed to meet contemporary key determinant goals.

The vertical structure of the NQF [A35] is based on eight levels of qualification as EQF. NQF levels are defined by EQF 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 Constructive study program belongs to level 6 studies .

The performance indicators for the outcomes of the study program for the Construction BSc are the values derived from the completion of studies by students placed in the field as well as

the continuation of second-year studies for the MSc under the National Qualifications Framework.

The didactic concept defined by the Faculty of Civil Engineering (FCE) for the BSc Construction study program is based on basic didactic concepts such as lectures and numerical exercises, laboratory and field exercises, supported by seminars. This concept is obvious to the academic staff involved in the study program and not only. The exercises are done within student groups. The syllabuses of the program subjects demonstrate the development of teaching in didactic columns by being individual and creating the entirety of the program with highly current didactic and research concepts.

FCE's priority is permanent care for the formal policies of ensuring the high quality of the academic offer always in line with the university, considering all student requirements, progress, and permanently improving and updating the academic offer for students. Regulations on which the Faculty of Civil Engineering and Architecture is based are:

- Statute of UP [A1]
- Quality Assurance Guides at the University of Prishtina, [A3,4]
- Regulation on basic studies for the Faculty of Civil Engineering and Architecture
- Regulation on the Systematization of Jobs for the Administration of the Faculty of Civil Engineering and Architecture
- Regulation on the work of the FCE Institute
- Regulation for Master Postgraduate Studies
- Regulation on Doctoral studies at UP

Whereas as supporting normative acts such as:

- Administrative Instruction - principles of recognition of university degrees obtained outside the Republic of Kosovo
- Administrative Instruction - Applying Student Payments at the University of Prishtina
- Administrative Instruction - Implementation of ECTS in Higher Education in Kosovo.

Each of the above mentioned documents are public and accessible on the digital platform of the University and the Faculty.

The teaching process developed in the study program for the Construction BSc not only has in common the advanced pedagogical norms applied by the academic staff and which are also in line with the requirements of national teaching norms and standards. Also, student evaluations of program subjects are in focus and developed throughout the semester and performance indicators are seen in each syllabus of the course curriculum.

Courses and modules of study program profiles wisely the construction engineer enabling students to specialize in construction, design, management etc.

In summary, the objectives of the study program can be numbered as follows:

- To provide students with basic and advanced knowledge in analyzing, understanding and solving engineering problems in the fields of construction.
- To prepare students with effective access to multi-disciplinary and practical background in the field of construction.
- To gain knowledge and skills for employment in the labor market.
- To familiarize students with standards, building norms as well as issues of professional ethics, social impacts of construction.
- Provide for the local market and beyond, frameworks that can be the leader in technical engineering solutions for construction.
- Provide solutions to current problems in construction engineering.

This study program provides the opportunity to enter the private and public sector labor market. The profession of engineer has been and will continue to be important to support the needs of society by reflecting sustainability, convenience and financial impact. The employment sectors can be grouped into:

- Private Sector, Design Studio, Supervision, Construction Management.
- Public sector, central government or even local government.
- Non-governmental organizations.
- International institutions such as EU, EBRD etc.

The syllabus and curriculum are designed in accordance with these objectives, keeping in mind the spectrum of knowledge needed to enable graduate students to be employed.

The Faculty of Civil Engineering is an academic unit of the University and consists of four departments, Construction, Hydrotechnical, Geodesy and Environmental Engineering. Within the Construction department, the study program for structural studies at bachelor and master level is developed. The faculty has management staff which consist of; Dean who has the main responsibility and Vice Dean for Learning and Vice Dean for Financial Affairs. The department has a leader who is responsible for study programs. Each study program has a program coordinator who is responsible for developing self-assessment reports.

Within the Faculty there are bodies: the highest body is the scientific council led by the Dean. There are relevant committees such as the learning committee, the disciplinary committee, the ethics committee led by the academic staff.

Administration plays an important role in the proper functioning of the Faculty and study programs. At the central level of the University there is an administration which also serves the

academic units, while at the academic level there is an administration which is managed by the secretary. The secretariat serves students and study programs by providing responsible and quality administrative services.

4.1.1.1. SWOT analysis of mission, objectives and administration:

A. Strength points:

- Mission of the program, preparation of professional staff with enhanced competencies.
- Study program based on market demands.
- More precisely, among others, from subjects and modules the study program objective are achieved in order to provide professionals prepared for the labor market.
- The study program provides sufficient inclusiveness and competence for students of basic level construction studies.
- The objectives of the construction study program are in line with the mission and objectives of the Institution.
- The study program provides opportunities for highly professional profiling of students based on compulsory and elective courses.
- Administration at the faculty level ensures quality and responsive services for the operation of the study program.

B. Weaknesses:

- No weaknesses are observed for the mission and objectives.

C. Options:

- Increase administration service for students.

D. Challenges:

- Creation of a management / administrative core for designing scientific and professional research projects at local, regional and global levels in the fields of civil engineering.
- Establishment, funding of infrastructure and adequate laboratory equipment.
- Creating new jobs for teachers, assistants and / or administrative servants.

4.1.2. Quality management

The management consisting of the Dean, Vice-Deans, Heads of Departments manage the Faculty of Civil Engineering. Faculty bodies are the FCE council which consists of the 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 makes the decision to form committees, or coordinators, to develop self-assessment reports for the Faculty's curricula. The self-assessment committee, respectively the coordinator communicates regularly with the academic staff to update the study program in order to ensure the inclusion of the academic staff. The self-assessment report is made public before it is 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 FCE Vice-Dean for teaching issues about the needs of eventual changes which for the entire study program should be at levels <20%. Changes are usually small, in the syllabus content. Whereas in some cases when the need for a semester change for any subject has arisen it has been 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 2017-2019 [A3] strategic plan 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, namely the Faculties have the objectives in common with the central level, the achievement of standards in the same columns set by the central level of the University.

At the central level and at the academic unit there is an electronic platform [A25] "ESMS" (electronic study management system). This platform ensures that:

- The program to control the teaching and presence of students in learning through the built-in electronic network, creating an uncensored direct database which ensures the quality of teaching progress by the teachers and on the other hand monitoring the teaching progress.
- Student management respectively exams with reliability and guaranteed data quality.
- Publication of materials and literature by teachers on teaching subjects and 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 is a key factor in the implementation of the strategy and aims 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 Quality Enhancement Strategy are: continuous monitoring of the management of the institution; continuous monitoring of course programs, implementation, review, updating; continuous monitoring of the quality level of the academic and support staff, as well as its qualification; continuous monitoring of the teaching and evaluation process of students and maintaining its quality; continuous monitoring of the scientific research in the institution; monitoring the progress of the University / Faculty cooperation 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 adopted 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, students' evaluation of teaching and learning in specific subjects is organized on a semester basis through anonymous lecture questionnaires and this is coordinated by the deans of the faculties (or deans for teaching) in collaboration with the heads of departments with the initiation of the vice-rector for quality development. Teachers are also evaluated by students on the Electronic Student Management System (ESMS) platform [A52].

The function of the ESMS electronic platform at the University level is indicative of the security performance of Student data, the management of assessment reports and the management of lesson continuity.

The quality of research activities of 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, academic staff is also advanced. The data are collected from the faculties on student performance such as: percentage of passing exams, organization of colloquia, duration of studies, etc. The traditional mechanism is also the accreditation of study programs by the UP Senate, where each new study program must pass to the faculty structures and then obtain Senate approval.

Data from the ESMS system provides information summarized by student assessments of subjects and teachers [A52]. Also at the Faculty level is established a Business Board attended by representatives from local and international companies and contributes to the staffing, resultative effects of graduated students and market needs.

The compilation of the evaluation report for the re-accreditation of the study program for the Construction BSc is based on the quality reports for the transitional periods from the time of

the preliminary accreditation of the program where the objective are: title of the subject , subject holders and their status.

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

Student status is determined by the volume of the program. The FCE Construction BSc first cycle study program 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 teaching weeks
- 1 semester has 15 teaching weeks
- 1 ECTS has 25 teaching hours and student work
- 1 teaching hour has 45 'minutes

Namely, the average weekly student load on the Faculty in the teaching process for this year's Construction BSc study program and previous years are:

- 12-13 hours of lecture and 12-13 hours of independent student work
- Exercises of 8-10 hours in class and 13-15 hours of independent student work
- Laboratory exercise 4-6 hours in laboratories and 6 hours of independent student work
- 2 hours internship and 25 hours independent student work

Table 4.1.1, below shows the achievements of students, graduates of the BSc Construction study program for previous years (from the last program accreditation to the time of preparation of this Self-Assessment Report).

Table 4.1.1. Student graduation results in academic years.

Construction BSc study program, by years	Results		
	Female	Male	Total
01/10/2016 - 30/09/2017	10	72	82
01/10/2017 - 30/09/2018	11	62	73
01/10/2018 - 01/01/2019	7	63	70
01/10/2019 - 30/09/2020	15	48	63

The foundations of FCE studies are found in the fields of technical sciences, for the first time the study programs were related to the school. The Technical High School in Prishtina started its activity on October 20, 1961. This school had three directions: Construction, Electrical and Machinery. Since this time the history of the program of studies of Construction, namely of the Construction direction, is counted. From time to time the program of construction studies has

been developed and comparing the latest accredited curriculum with the previous ones the changes are considerable in many ways.

Table 4.1.2. below shows the periods of accreditation of various FCE programs.

Table 4.1.2. Overview of programs accredited and re-accredited at the FCE level.

Study Programs	Accreditation I	Reaccreditation II	Reaccreditation III	Reaccreditation IV
Construction (BSc)	2009 - 2011	2012 - 2015	2016 - 2019	2019-2020*
Hydrotechnic (BSc)	2009 - 2011	2012 - 2015	2016 - 2019	2019-2020*
Geodesy (BSc)	2009 - 2011	2012 - 2015	2016 - 2019	2019-2020*
Environmental Engineering (BSc)	2015 - 2018	2019-2022		
Construction (MSc)	2009 - 2011	2012 - 2013	2014 - 2017	2017-2020
Hydrotechnic (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 changing needs and updating the most essential elements of the program, such as didactic teaching methods (considering University-level academic staff certification), updated syllabi, student workload, system quality etc.

The student charge for the BSc Construction study program is assessed and applied based on the 180 ECTS final credits the student receives after completing his / her studies. The achievement of the student's competencies within the three years of study is well defined and has a year-over-year range of highly studied.

Upon completion of studies, a significant proportion of graduate students find employment in the labor market (in the private sector such as: design studios, construction workshops, production departments, etc., or in public institutions, municipalities, public enterprises, Ministries, etc.), a some of them continue their studies in master's programs in FCE, some of them even abroad in more specialized studies and specializations.

Table 4.1.2 shows the years of accreditation and re-accreditation of different study programs for different levels of study.

2.1.2.1. SWOT quality management analysis:

A. Strengths:

- Management and monitoring of teaching quality and monitoring of learning process.
- Monitoring the quality and safety of student services.
- Quick, guaranteed and quality services for both Teacher and Student.

- Transparency of achievement at the academic unit level.
- Administration services for the needs of a satisfactory academic unit.

B. Weaknesses:

- No weaknesses are noticed for this area

C. Options:

- Increasing continuous monitoring / monitoring of teaching, attendance at lessons / lectures / student exercises.
- decentralization of administration services to student services.

D. Challenges:

- Recruitment of academic staff.
- Filling in new jobs for teachers, assistants and / or administrative service would help in the demand for quality teaching and learning.
- The electronic service should be further improved.

4.1.3. 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 FN 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 study program is to prepare students professionally as Civil Engineers in the profiles of Structures 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 Constructive program is constantly updated with the latest news in the field of construction.

The University of Prishtina has established the Center for Excellence in Teaching (QPM) in order to provide services for training, quality molding 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 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 Constructive study program are composed of 23 academic staff, of which 16 are full-time staff (UP-FCE) and 7 are engaged academic staff.

Report on the BSc Constructive study program, regular academic / engaged staff = 16/7, that we have 70% regular staff while 30% are engaged staff. Viewed the report for the holders of regular program courses (70%), 14 (87.5%) of the course holders have scientific degrees Dr, with academic vocations (assistant professor, associate professor and full professor) while 2 (12.5%) are with MSc degrees.

The engaged staff are of the following categories: from the University of Prishtina 4 (17.4%) academic staff with contract, while from outside the university there are 3 (13.04%) staff engaged with contract F3.

Academic staff are also engaged in the BSc Constructive study program in the capacity of assistant. BSc Constructive 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 contracts engaged under F3.

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 project with one of the teachers from the

study program. A problem in itself remains the issue of the teacher's workload on diploma work and practical work which does not count as a workload on academic staff.

The engaged staff involved completes the comprehensive range of study programs, completing the program in English, Engineering Geology, Environment, Physics, Ethics and more.

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

Common strategies for improvement, ie implementation of quality assurance measurement, may be considered:

- updating the syllabuses, detailing the learning units, course purpose, learning outcomes, teaching methods, assessment methods, codes of conduct and basic and supplementary literature.
- Introducing students with syllabuses and short programs by each teacher in the first hour of the course.
- designing short programs for all subjects.
- compiling and submitting reports on student passage for each exam deadline.
- General condition questionnaires completed by academic, administrative staff and students on the occasion of institutional evaluation.
- Form for calculating student workload.

This ensures an increase in the level of transparency of work between teachers and students

Under state-level labor law, retirement of full-time academic staff is determined when the employee reaches 65 years of age. Actual practices of FCE's or UP's internships, if the academic unit deems necessary then retired staff may contract outside staff up to age of 70 and at a reduced rate (maximum 5 academic hours, or two courses) [A31, A32, A33].

4.1.3.1. SWOT analysis for academic staff:

A. Strengths:

- Qualified professional teachers.
- Inclusion of academic staff for program subjects.
- Teachers trained in teaching methods as well as student assessment practices in the context of learning.

B. Weaknesses:

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

C. Options:

- The market has sufficient potential of professionals in the field of Construction engineering.
- The growth of the labor market and the opening of borders ensures a good placement of the established professional framework.

D. Challenges:

- Upgrading academic staff.
- Providing institutional - financial support for the academic development and research activity of the teaching staff.
- Bureaucratic personnel selection procedures.

4.1.4. Content of the educational process

The objective of the Program of Study is to define the approach so as to guarantee advanced training and specialized competences by imparting deeper theoretical and practical knowledge in the field of Structures, as well as to enable students to carry out independent scientific 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 monitored very carefully for both performance and quality. The teaching methods and techniques applied and used for the first cycle programs are varied. 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 structuring their ideas with the joint teacher-student contribution. According to these methods, the teacher is in the classroom, not only as a lecturer, but also as a facilitator to transfer the knowledge and stimulation of new ideas by students.

Upon completion of the BSc Construction level program of study, the student gains knowledge by applying them as academic competencies:

- Access to levels of society, possible with a generally established culture.
- Working in groups, easily perceptible and acceptable.
- General field skills, communication, reading, analysis.
- Access to various projects, moderated, with the possibility of professional discussion.

The study program for Construction Bachelor Degree is in accordance with the Qualifications Framework in the European Higher Education Area which specifies that "1st Cycle: 180-240 ECTS credits - 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 study with 180 ECTS developed in 3 years of study with 6 semesters.

The function of the chosen form of teaching also determines the organization of teaching, whether it be in classroom, in laboratories or in the field.

Academic staff are free to choose the most appropriate method to develop and organize the subject. But in the BSc Construction study program, being a very applicable course, for Constructional Engineering subjects it is recommended to use teaching methods and forms that include concrete field practices, laboratories, visits, observations, etc.

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

The Construction BSc Study Program contains 26 compulsory courses (153 ECTS, or 85% in total), electives are 12 of which the student must choose by semester (the minimum of electives the student must choose are distributed in semesters and breakdown; first semester 0; second semester, 1 subject with 3 ECTS; third semester, 1 subject with 3 ECTS; fourth semester, 1 subject with 3 ECTS; fifth semester, 2 subjects totaling 6 ECTS; and 6th semester, 1 subject with 3 ECTS) in total there are 6 electives with 18 ECTS respectively 10%, and the diploma thesis which takes 9 ECTS.

Upon completion of studies in the BSc Construction program, the student receives a 180 ECTS degree with a Bachelor of Constructional Degree.

The organization of the courses and modules in the study program for the Construction BSc is designed with the subjects having the general and basic training required for the Structuralist profile and accounting for 25% of the weight of the programme's credits. The group of courses that are characteristic of the Structuralist and highly professional profile make up 53.33%, while the rest of the program consists of Integrative, Complementary courses and Diploma. Elective courses make up 10% of the total and through these courses the student chooses the subject which should assist them in completing their diploma.

Table 4.1.3. Organized subjects by categories.

Discipline / Field	Formative activity	ECTS		
		ECTS	total	%
General formation	Civil Engineering Introduction	3	45	25
	Mathematics I	9		
	Mathematics II	9		
	Physics	6		
	Descriptive Geometry I	6		
	Numerical Methods	6		
	Building Construction	6		
Characteristic, Professional	Mechanics I and II	(6+6)	93	51.66
	Building Materials I and II	(6+6)		
	Strength of Materials I and II	(9+6)		
	Soil Mechanics	6		
	Theory of Structures I and II	(9+6)		
	Foundation of Structures	6		
	Concrete Structures Principles	6		
	Metalic structures Principles	6		
	Timber Structures and Fromwork	6		
	Concrete Structures Elements	6		
	Metalic Structures in Civil Engineering	6		
Integruese	English Language	3	Minimum elective 12 ECTS	Up to 6.6
	Informatics	3		
	CAD	3		
	Environmental Protection	3		
	Professional ethic	3		
	Descriptive Geometry II	3		
Elective	Surveying Techniques in Geodesy	3	Minimum elective 18 ECTS	Up to 10
	Building Regulation	3		
	Geology in Civil Engineering	3		
	Building Law	3		
	Probability and Statistics	6		
	Buliding Physics	3		
	Fluid Mechanics	3		
	Technic of High Rise Buildings	3		
	Hydrotechnical Structures	3		
	Technic of Low Rise Buildings	3		
	Professional Ethics	3		
Additional	Organisation and Technology of Construction	3	9	5
	Concrete Technology	6		
Diploma	Practical Training	3	9	5
	Diploma Work	9		

After completion of the first level BSc Construction Studies program, the student is mandated to perform competencies such as:

- Designs separate structures respectively structural elements of objects from materials of steel, concrete and timber structures.
- Support the construction site leader.
- Implements projects of structures of different categories, such as residential buildings, business buildings etc.
- Manages technical documentation when constructing buildings and their structures, as well as other non-structural elements.
- Analyzes the use of building materials in building structures.
- Solves problems of object elements respectively constructions.
- Reads the problems of the field of constructions and their parts by applying theoretical as well as practical knowledge based on construction experiments.
- Helps to improve construction in line with the requirements set forth in the Standards

Table 4.1.4. Program overview, BSc Constructive study program curriculum

Year I						
Semester I			Hours/ Weeks			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Mathematics I	3	2	9	Prof. Dr. Abdullah Zejnullahu
2	C	Descriptive Geometry I	2	2	6	Prof. asoc. Dr. Arta Jakupi (*
3	C	Civil Engineering Introduction	2	0	3	Prof. ass. Dr. Hajdar Sadiku
4	C	Physics	2	2	6	Prof. Dr. Skender Kabashi (*
5	C	Informatics	2	1	3	Prof. asoc. Dr. Fatos Pllana
6	C	English Language	2	0	3	Ardita Ibishi, lektor
Semester II			Hours/ Weeks			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Mathematics II	3	2	9	Prof. Dr. Abdullah Zejnullahu
2	C	Mechanics I	2	2	6	Prof. ass. Dr. Ragip Hadri
3	C	Building Materials I	2	2	6	Prof. Dr. Naser Kabashi
4	C	Building Construction	2	2	6	Prof. Dr. Violeta Nushi (*
5	E	Probability and Statistics	2	1	3	Prof. Dr. Abdullah Zejnullahu
6	E	Descriptive Geometry II	2	1	3	Prof. asoc. Dr. Arta Jakupi (*
7	E	Environmental Protection	2	0	3	Dr. sc. Anjeza Alaj-Murati (*
Viti II						
Semester III			Hours/ Weeks			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Strength of Materials I	3	2	9	Prof. ass. Dr. Arton Dautaj

2	C	Mechanics II	2	2	6	Prof.asoc.Dr.Ragip Hadri
3	C	Building Materials II	2	2	6	Prof.Dr.Naser Kabashi
4	C	Numerical Methods	2	2	6	Prof.Dr. Abdullah Zejnullahu
5	E	Surveying Techniques in Geodesy	2	1	3	Prof.asoc.Dr.Përparim Ahmeti
6	E	Building Regulation	2	0	3	Dr.sc. Ilir Rodiqi
Semester IV			Hours/ Weeks			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Soil Mechanics	2	2	6	Prof. ass.Dr. Qani Kadiri
2	C	Structure Analysis I	3	2	9	Prof.asoc.Dr.Fatos Pllana
3	C	Strength of Materials II	2	2	6	Prof.ass.Dr.Arton Dautaj
4	C	Concrete Technology	2	2	6	Prof.asoc.Dr.Naser Kabashi
5	E	Geology in Civil Engineering	2	0	3	Prof.ass.Dr. Islam Fejza (*
6	E	Road Design	2	1	3	Prof.asoc.Dr. Naim Hasani
7	E	Fluid Mechanics	2	1	3	Prof.ass. Dr. Laura Kusari
8	E	CAD	2	1	3	Prof.asoc.Dr. Arta Jakupi (*
Viti III						
Semester V			Hours/ Weeks			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Structure Analysis II	2	2	6	Prof.asoc.Dr. Fatos Pllana
2	C	Concrete Structures Principles	2	2	6	Prof.ass.Dr Kadri Morina
3	C	Metalic structures Principles	2	2	6	Mr.sc. Ali Muriqi
4	C	Foundation of Structures	2	2	6	Prof. ass.Dr. Qani Kadiri
5	E	Building Physics	2	1	3	Prof.ass.Dr.Cene Krasniqi
6	E	Building Law	2	1	3	Dr.sc. Ilir Rodiqi (*
7	E	Technic of Low Rise Buildings	2	1	3	Prof.ass.Dr. Esat Gashi
Semester VI			Hours/ Weeks			
Nr.	C/E	Subject	L	E*	ECTS	Professor
1	C	Timber Structures and fromwork	2	2	6	Prof.ass.Dr.Florim Grajçevci
2	C	Concrete Structures Elements	2	2	6	Prof. ass.Dr. Kadri Morina
3	C	Metalic Structures in Civil Engineering	2	1	3	Mr.sc. Ali Muriqi
4	C	Organisation and Technology of Construction	2	1	3	Dr.sc. Ilir Rodiqi (*
5	E	Technic of High Rise Buildings	2	1	3	Prof.ass.Dr. Esat Gashi
6	E	Hydrotechnical Structures	2	1	3	Mr.Sc. Arban Berisha
10	C	Practical Training Diploma Work			9	

(E *) Practical or laboratory exercises organized in groups according to the UP Statute and Regulations in force (ref: Regulation 2/486 of 11/09/2019, Section 16 - point 2, table No. 7 and Section 17 - item 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:

Table 4.1.5. Staff engaged outside FCE

Nr.	Subject	Professor
1	Descriptive Geometry I	Prof. asoc. Dr. Arta Jakupi, Faculty of Architecture (UP)
2	Descriptive Geometry II	
3	CAD	
4	Building Construction	Prof Dr. Violeta Nushi Fakulteti i Arkitektures (UP)
5	Physics	Prof. dr. Skender Kabashi, Fakulteti i Shkencave Matematikore Natyrore (UP)
6	Geology in Civil Engineering	Prof.ass.Dr. Islam Fejza, Faculty of Mining and Metallurgy
7	English Language	Ardita Ibishi, lector, outside UP
8	Environmental Protection	Dr. Sc. Anjeza Alaj -Murati, outside UP
9	Buliding Law	Dr. Sc. Ilir Rodiqi, outside UP
10	Organisation and Technology of Construction	

The charge distribution versions for 3, 6 and 9 ECTS subjects refer to the subject-character and vocational group of subjects.

According to UP status **[A1]**, 25-30 study hours are calculated for each 1 ECTS. An example of student workload calculations that reflects how 3 ECTS is assigned to a subject is shown in the following table.

Tablea 4.1.6. Example of Student Workload Determination.

Activity	Hours	Day/Week	Total
Lectures	2	15	30
Theory/ Lab Work/Exercises	1	15	15
Practical work	1	10	10
Preparation for intermediate test			
Contacts with professors/ consulting	0.5	4	2
Field Work	2	1	2
Test, Seminar Work			
Home work	1	8	8
Individual Work (in library or at home)			
Preparation for the final exam			
Evaluation Time (tests, quizzes, final exam)			
Projects, Presentations	1	8	8

Total	77
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Comparison of the BSc Construction study program with study programs in the region and Europe. The BSc Construction program is similar to the study programs in the countries of the region such as: Albania, Macedonia, Croatia etc. While other European Universities may be mentioned: University of Bohum, Germany, TU Wien. At a percentage rate of 66.67% the BSc Construction study program resembles the study program of the University of Zagreb:

https://www.grad.unizg.hr/programi/preddiplomski_sveucilisni_studij_gradevinarstva

4.1.4.1. SWOT analysis of the content of the teaching process:

A. Strengths:

- Combining disciplines.
- A study program consisting of subjects grouped into groups that form the basis of the structuralist, the subjects that creates the structure specialist and other subjects that complement the professional.
- Corresponding subject matter with modern curricula in structural engineering.
- Course content program that enables UP students to compete with students from Regional and International Universities.

B. Weaknesses:

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

C. Options:

- Rising of capacity building of construction laboratories.
- Flexibility to incorporate new ideas and concepts into the curriculum that emerge from the evaluation process (hereinafter).
- Utilizing collaborations between FN and public institutions, organizations and other Faculties within UP for use of laboratories.
- Mobility of academic staff and students at International Universities in the field of design engineering.

D. Challenges:

- Capacity building of laboratories.
- Curriculum change.

4.1.5. Students

The purpose of the BSc in Constructive Study Program is to prepare students professionally as structural engineers with the opportunity to integrate into a multidisciplinary work context in both the private and public employment sector. This study program brings out generation after generation of graduates who are placed in the labor market both at home and abroad at an extremely satisfactory level while some of them continue their doctoral studies in institutions abroad.

In general some of the objectives can be listed as follows:

- To train students with basic knowledge of constructions, scientific engineering practices.
- Provide students with basic and specialized knowledge in analyzing, understanding and solving engineering problems related to structures.
- To prepare students with theoretical aspects not only in the technical field but also in management and economics.
- To gain knowledge and skills for employment in the public and private sector related to construction.
- Apply acquired knowledge, principles - professional rules to further professional life and academic education.
- - To suggest substantive concepts related to parts of structures, their treatment, creation of special details and to contribute to the solution of problems in a professional way.

Students are the most integral part of the University, namely the Faculty. Considering them as such they are the focus of all Institutional activity. At the University level there is a generalized BSc [A7, A9] level studies regulation which assists academic units for the organization and studies of this level. This regulation defines among other things the competencies of the students, their duties, etc.

In basic studies-bachelor of Construction are entitled to apply to all those who have completed secondary education and completed the Matura exam, if there has been a Matura Exam. The number of new students for the BSc Construction study program, admission criteria respectively enrollment, dynamic of the flow process, entrance exam, announcement of preliminary result, appeals and announcement of final result are determined by the public competition announced by Senate of UP.

The selection, ie the compilation of the preliminary list is made on the basis of the competition and are published on the Faculty web site.

The management of the regular attendance of the teaching process and the fulfillment of other obligations foreseen in the Construction BSc study program, in the course designated by the curriculum is confirmed at the end of the semester in the Electronic Student Management System (ESMS).

Student tasks are:

- The student should follow the teaching process (lectures, seminars, lab exercises, etc.) according to the schedules and plans established, based on the Regulations of Studies and other acts of the Faculty. Presence criteria 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.
- Apply all the rules deriving from the University Statute **[A1]**, the BSc Degree Regulation **[A8, A10]** and any other legal and sub-legal act for Higher Education.
- To discharge all the obligations set out in the syllabus and study program.
- To be held responsible for any violations of the Faculty rules by him, the material damage he may have done.
- To respect the ethics of appearance in accordance with the academic character of the Faculty or the University.
- Maintain and respect the ethics of conduct with academic staff, non-academic staff, service staff, with other students, in the Facilities of the Faculty, in classrooms, in teaching practices and in any other activity organized by the Faculty or the University.
- To preserve and respect the inviolability of the class and the teacher in the classroom.

The student who succeeds in completing all the examinations foreseen in the program curriculum and diploma and accumulates at least 180 ECTS receives the title of Bachelor of Constructions, Department of Constructions, FCE.

The thesis in the BSc Construction study program is individually worked out by the student, demonstrating that the theoretical and experimental skills acquired during the course of study can be successfully applied to the recognition of some complex research problems in certain scientific approaches.

The number of new students for the BSc Constructive study program, the admission criteria respectively the registration, the dynamics of the process, the entrance exam, the announcement of the preliminary result, the complaints and the announcement of the final result are determined in detail by the public competition announced by UP Senate <https://uni-pr.edu/desk/inc/media/308524D5-4D04-418C-B904-A574F890E195.pdf>.

Student recruitment procedures start from the University Senate level to the academic unit. The Senate decides to announce the competition for admission of students to academic units. The

number of students in study programs is proposed by the Faculty itself and is usually approved by the Senate (there may be exceptions). The competition specifies the minimum requirements and the evaluation criteria for each academic unit or study program.

Student recruitment exam is organized by the Faculty. The Faculty Council establishes exam preparation committees, documentation verification committees, exam evaluation committees. At the highest level of the organization is the central committee for organizing the competition consisting of the faculty management staff.

The deadline set by the competition is the announcement of the preliminary public results in the faculty premises and official faculty website www.fna.uni-pr.edu.

Regarding the admission of students, respectively those who have not passed successfully, then they have secured the right to file a complaint. The complaint is made in writing, immediately after the announcement of the preliminary results within one or two days.

Upon completion of the filing of complaints, the commission formed by the faculty council for complaints reviews the requests and invites the respondents "one by one" to see their work (which is initially coded, and later the identity will be exposed). In the paper is the evaluation of how it was done, the way of scoring, the correct and incorrect questions. If the Appeals Commission determines that an "assessment error" has been issued to any of the complained candidates, then in the summary report the commission proposes to the faculty council to increase the number of students eligible to complain about admission to the study program. Complaints evaluation procedures are transparent, impartial and professional, always taking into account the code of ethics and other conditions set out in the competition.

Student recruitment criteria in the BSc Construction study program are set out in the competition announced by the UP. Documentations and diplomas that are not from the state of Kosovo are required to be equivalent, but for countries in the region, the MEST recognizes them with an administrative instruction automatically.

The final results are made public in the premises of the Faculty, on the website of the faculty as well as in the general-central administration of UP.

If the first competition does not meet the number of students then the second additional competition is announced <https://uni-pr.edu/desk/inc/media/5B092D3F-4EF3-428C-AF11-E93E91076E2C.pdf> for BSC programs at the University level following all the same procedures as for the regular competition.

The number of students enrolled for the BSc Construction program is as follows;

- academic year 2016/2017 133 students
- academic year 2017/2018 127 students
- academic year 2018/2019 123 students
- academic year 2019/2020 100 students

The organization of the teaching process for this group of students is based on the principles of increased efficiency, quality control of teaching, sufficient facilities provided. Lectures are usually held in groups with all students in the amphitheater or other classrooms with larger capacities, while numerical and laboratory exercises form working groups of 20 to 25 students.

Regarding the recruitment of students, respectively those who did not succeed, then they are guaranteed the right to appeal. The appeal shall be made in writing immediately after the announcement of the preliminary results within one or two days.

Student examinations during the study program in Construction BSc are organized on regular terms (January, June and September of each academic year) as well as on additional terms approved by the UP Senate (November / December and March / April). Students undergo exams in subjects that have fulfilled the obligations of lectures, exercises, seminars etc. There are different subject-by-subject exam methodology. Mainly exams of professional subjects (characteristics courses) are divided into analytical / numerical part (assignments) and theoretical part. For this program, the exam results are made public on the faculty website, at ESMS or even on the faculty announcement board.

Every student has the right to refuse a grade or even to make a complaint about the grade. In case of appeals for assessments, then the Vice-Dean for Educational Affairs forms the evaluation commission of three members (narrow subject area, without the presence of the teacher), the teacher is notified and he / she is obliged to take the examination work of the complained student for re-evaluation. After the re-evaluation of the paper, the commission makes a decision and re-evaluates the student with a real grade and places the same assessment on the ESMS. Even after placing this grade in the ESMS, the student is given the opportunity to refuse the grade and to start over the exam.

The student rating system for the completed exams is at the level of the University "ESMS" (electronic student management system) and this system provides the student with unrestricted access to his personal database.

The student can at any time see the assessment from the completed exam. To see the grades passed by the courses, the ECTS credits of the courses that passed.

For the subjects of the BSc Construction study program, the student may download the necessary course materials that are uploaded by the subject-teachers-holders.

Prior to the commencement of studies (at the beginning of the first academic year) the faculty management staff welcomes students explaining their rights guaranteed by the University statute, internal regulations, and orientation with the administration.

Undoubtedly, the faculty administration plays a significant role and is helpful in developing administrative procedures when students are required to make any requests on their behalf.

Student applications are submitted to the faculty secretariat, which are reviewed by the faculty-level learning committee, and these requirements are of a different nature, mainly issues from study programs (length of study, possibly extension of an exam) the student side.

Study Committee - the teaching committee reports to the faculty council with a written report and the council approves (comments, with remarks, without remarks, rejects) the report.

The electronic management system is also managed by the management staff of the faculty, respectively by the vice Dean for teaching issues. The administration also has broader access to ESMS, with the sole reason to manage semester enrollments for students, various certificates that students require from time to time and as needed.

ESMS maintains records of student enrollments from beginning of study to completion - graduation.

The BSc Construction Studies program is organized in Albanian language, which is also regulated by the Statute of the University of Prishtina. All courses (except English Language) lectures, numerical / analytical exercises, labs are conducted in Albanian language. Each course provider has a duty to provide primary literature in Albanian language (literature can be added / enlarged in another language, usually in English).

Student work, answers, seminar papers, semester papers, project assignments, and degrees are all in Albanian.

The responsibility rests with the course holder for the students' work, their diploma to be original. There is not yet any electronic platform based on Albanian language to assess the authenticity of the work, as in other languages. Hopefully in the future this will be possible (to create a platform of originality of works).

The University Statute **[A1]** is the document that legally regulates academic units, academic, administrative staff and students. At the UP level there are regulations that regulate and complement specific areas of activity for the needs of Students, their studies and others.

Everyone has the opportunity to access the websites of the UP and academic units, respectively the faculties. Websites have these rules that can be downloaded. This is a very transparent method of organizing academic activities and that Students are aware of their obligations and rights.

At the UP level is the Regulation on Academic Mobility of Students at the University of Prishtina, (<https://uni-pr.edu/desk/inc/media/BA831ED1-9509-4526-A221-5797F822601D.pdf>). The purpose of this regulation is to comply with all EU standards that guide HEIs towards integration into the European Higher Education Area and the European Space for Scientific Research, respecting the Bologna Charter and the Council of Europe recommendations for encouraging and promoting academic mobility and staff.

This regulation is publicly available to students on the Web site (as above), and contains duties and obligations, mobility procedures for academic units, and students. Recognition of academic mobility is an issue that is regulated at the faculty and study level.

Regular and engaged academic staff have contractual obligations for teaching, administrative matters and student consultations.

Student consultations are regular, and they are organized depending on the requirements of the students, pre-exams, post-exams, teaching, diploma writing, project preparation and special research cases.

4.1.5.1. SWOT analysis for students:

A. Strengths:

- Student activities within the curriculum are compatible with activities in international curricula in the field.
- Students are creative with their work in studies.
- Competitive students with students from the Regional and International Universities in the field of Structural Engineering.
- Access to scientific journals through the Science Direct digital library provided by UP.

B. Weaknesses:

- No weaknesses are noticed in this area.

C. Options:

- Creating new opportunities for construction BScs, promoting interdisciplinarity, through internships, employer networking.
- Student mobility through research projects at International Universities in the field of Structures.

D. Challenges:

- Promoting the value of Structuralists in institutions and organizations in the field.
- International practice.

2.1.6. Research

In response to the local and global situation, and in relation to the key issues currently being addressed, the University of Prishtina has endeavored, through a long reflection process, to define and consolidate its institutional mission and key development objectives. Also academic units in their missions have areas of research that are open to priority issues. Consolidating and advancing scientific research based on contemporary and innovative methods is one of the main objectives of the Faculty of Civil Engineering.

The University of Prishtina and the Faculty of Construction have adopted the 2017-2019 Strategic Plan. The vision of the UP together with the academic units is: with a look ahead, the University of Prishtina will set a new quality standard for higher education in Southern Europe. We will equip our students with world-class learning and discovery opportunities. We will set

high standards in teaching, scholarship, research, and creative work for our teachers and researchers. We will be the engine that will guide Kosovo's progress in the 21st century.

The first area out of the eight strategic areas of strategic focus and initiative is teaching, research and service. Increasing research results of academic staff in internationally recognized competitive journals in their field.

The study program for the Construction BSc along with the academic staff has clear scientific research objectives which are also reflected in the department development plan, namely the faculty. The teachers involved in the Construction bachelor degree program are selected through policies developed by the University of Prishtina.

This implies that the teachers involved, in addition to the other criteria required, also meet the criterion of publication of scientific papers in international journals, which are in accordance with the regulations and the Administrative Guide on the principles of recognition of international peer review platforms and journals (see Website: <https://www.uni-pr.edu/desk/inc/media/C15E46D5-5159-4E97-B8CB-D69734E39CA4.pdf>). Teacher research enables the program in particular and the faculty in general to bring the same classroom research experience as the source of real-world problems and contemporary issues.

Given that the position of researcher is not fully determined and defined, research in various fields is largely conducted on its own. Until 10 years ago the method of scientific refinement was done according to old regulations. With the start of the implementation of the Bologna Declaration, a vacuum has emerged in this regard.

One of the important elements of the field of research is the completion of research in several Universities abroad, with which we cooperate. A number of academic staff are in the process of doctoral studies, which include research and experimental work.

Research is also present in other tertiary studies such as the second tier of study, namely the Construction Master study program, where students in certain forms do certain parts of the experiments in existing laboratories under the supervision of professors and abroad co-mentors.

In the framework of collaborations, the research work is also related to the support of Erasmus +, Tempus and CEEPUS for research in certain fields.

The projects also offer collaboration with partner universities from the EU, offering short-term studies for more MSc students.

The KSPC 1st conference, in addition to the scientific research presented by different countries: Japan, Belgium, Poland, Italy, Slovenia, etc., also shows a dedicated research work in Kosovo through presentations by local presenters with special emphasis on the application of Polymers in improving the properties of concrete. The presentations were generally based on experimental work performed in the FCE laboratory or even in collaboration with regional laboratories and beyond. In the context of research and development, FCE since 2009 has carried out a number of activities in creating agreements with other Universities, and the cooperation is interlinked through the study visits of the Faculty staff in order to advance the

teaching method and activity research. Also, student participation in different workshops brings a new experience and also brings an experience towards the opening perspective of the Faculty.

In the framework of international cooperation, teachers have conducted study visits to: Technical University of Vienna, Austria; University of Graz, Austria; University of Leuven in Belgium, University of Lund in Sweden; University of Skopje, Macedonia; University of Kyoto, Japan, teaching mobility through the CEEPUS program at the Technical University in Vienna; Polytechnic University of Tirana, Albania, University of Sarajevo in B&H, University of Bologna, University of Dortmund, CEEPUS-Slovakia, SEE form, RUHR, University of West Hungary, Bauhaus Dessau, Minho Portugal, University of Montenegro – Podgorica, University of Montenegro Weimarit, Hope Fellowship Mobility Program in Washington, USA.

The management has succeeded to provide a lecture cycle from TTI Teachers (Texas Transport Institute) for 5 consecutive weeks, including 5 modules, with lectures in English, lectures by Bechtel Enka professionals. This is a great achievement as it is organized thanks to USAID.

As part of the Tempus DPAWB project for the period 2014-2017, lectures, workshops with representatives of European Universities - project partner: University of MINHO-Portugal, Professor Manuela Almedia; Anhaly University of Bauhaus-Dessau, prof. Stephan Pinkau; University of Netherland, prof. Jim; Technical University of Bratislava-prof. Marosh Pinka.

Also within the framework of the other MPG project, lectures were delivered by visiting professors of the partner universities as follows: EC, Sweeden Stocholm-por. Huan Faan; UWH-Budapest-prof. Bela Markus; University LGTU-prof. Darius Popovas; summer school where professors from the region were invited: prof. Hecimovic-University of Zagreb; etc

Also a workshop of special approach in the above mentioned field was organized in cooperation with the teachers from the University of Trieste in Italy, where their experience in management and special projects was presented.

4.1.6.1. SWOT analysis for research:

A. Strengths:

- Activities of academic staff in ongoing research.
- Progress of published works.
- Cooperation of FCE with national and international institutions.
- Access to scientific journals through the Science Direct digital library provided by UP.

B. Weaknesses:

- Financial centralization for research dedicated to academic staff.

C. Options:

- Creation of national databases for new scientific research.
- Creating opportunities for publications.

D. Challenges:

- Promoting support for academic staff for research.
- Increase cooperation with other universities
- Possible research development through own funding, or through research projects to which it should apply. Providing funding through scientific / professional projects in the field of construction.

4.1.7. Infrastructure and resources

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

The building of the Technician 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 Civil Engineering, 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 Prishtina, near the three residential neighborhoods of the city of Prishtina - "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 m² 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 area currently built is 10,140 m² 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 m², meanwhile, the laboratories of electrical engineering with 4205 m² and civil engineering laboratories with 5650 m². The total area belonging to the Faculty of Civil Engineering is about 9,468.33 m².

The spaces that belong to the Faculty of Civil Engineering from this proportional division are: the level of the building 500 with content 9 classrooms, 13 cabinets for academic staff, common communication spaces - corridors, toilets, toilets, warehouses, computer lab, 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, 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.

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 m² which is a good indicator of performance.

The condition 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 space facilities in the part of the laboratory building, the part of geodesy laboratories and other laboratories.

For the operation of laboratories, for the needs of learning, capital investments have been made in equipment for laboratories of geomechanics, construction 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 own 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 is done by all.

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 according to the experiments that take place.

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

4.1.7.1. SWOT analysis for infrastructure and resources:

A. Strengths:

- Sufficient room for learning process development.
- Sufficient laboratory space.
- Opportunities in the ScienceDirect digital bookstore.

B. Weaknesses:

- Increasing the capacity of the library.
 - The need for continuous improvement of the building spaces.
- ##### **C. Options:**
- Establishment of a laboratory in the FCE space, dedicated to the fields of environmental engineering.
 - Establishment of a single laboratory (eg. for water quality analysis) within UP to serve the common needs of all faculties.

D. Challenges:

- Providing funding for the creation of laboratories through research projects.
- Expanding international research and teaching co-operation with a view to supplying the library with books and labs.

5. LIST OF REFERENCES



UNIVERSITETI I PRISHTINËS
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Dekani

Prof.Ass.Dr.Florim Grajçevci

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 Grajçevci
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	Suterrren-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 adiministrativ*	Hulumtim**
FNA - Personeli i rregullt (FT)							
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 Pllana	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 Grajcevc	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	Ragip 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
FNA - Personeli i angazhuar (PT)							
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 Salihi	MSc. Ndërtimtari	ass.	e caktuar	10 orë në javë	Çasja në SEMS	CV
8	Armend 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**
FNA - Personeli i rregullt (FT)							
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
FNA - Personeli i angazhuar (PT)							
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), casje në sistem për vlerësimin e performancës së studenteve							
** Vërejtje-2: CV-te të cilat bashkelidhen 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**
FNA - Personeli i rregullt (FT)							
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
FNA - Personeli i angazhuar (PT)							
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), casje në sistem për vlerësimin e performancës së studenteve							
** Vërejtje-2: CV-te të cilat bashkelidhen 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
TOTAL	1910	645	1265	349	141	125	2318	786	1532

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
SUBTOTOTAL AREA FOR DEPARTAMENTOS (THE BUILDING OF TECHNICAL FACULTIES AND LABORATORIES)		7255 m2

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			2540 m2

	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
TOTAL STAFF AND SALARY EXPENSES	127	95	1,299,278 €	102	1,429,206 €	109	1,572,126 €

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-2020 (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*)