



Faculty of Civil Engineering

Annual Report

January - December

2021

INTRODUCTION

Work report of the Faculty of Civil Engineering for the period January – December, 2021

The Faculty of Civil Engineering as an academic unit of the University of Prishtina during the period of January-December 2021 has developed a series of activities. They can be classified into random activities of functioning and other activities which aim the fulfillment of the University of Prishtina's strategy, respectively the Civil Engineering Faculty, such as cooperation with other local and international institutions, the organization of open sessions, work meetings and others.

The strategic plan of the development of the Faculty of Civil Engineering for the period 2021-2023 has been composed by a group of regular teaching staff of the faculty. It has been published for inner public debate in the electronic page of the faculty for one month and the same has been approved by the Faculty Council and is public in the website.

Internal quality of the Faculty of Civil Engineering:

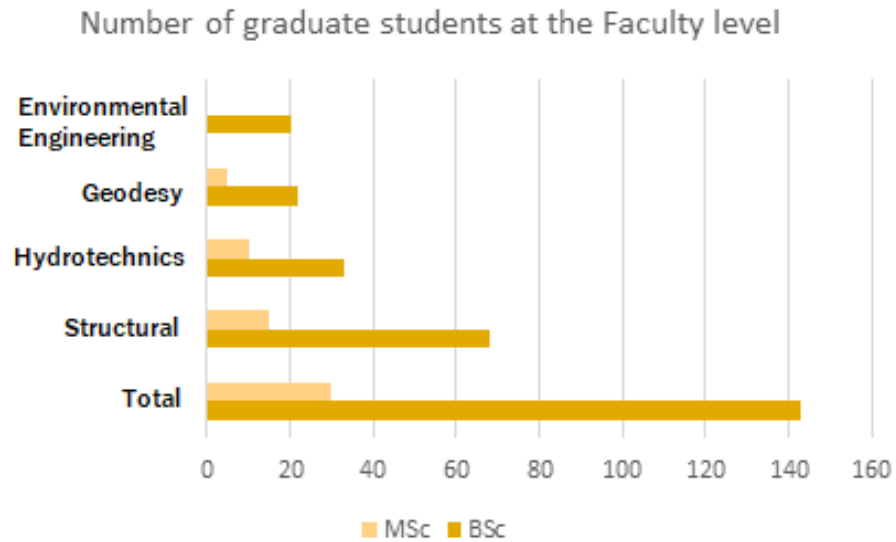
The process of teaching in the period until May, 2021 (summer semester) has been conducted in virtual form, considering the pandemic effect and Covid-19 infections. According to the teachers' reports, 4284hours were held while teaching virtually in the period from 15th February until 31st 2021, which means approximately 8,16hours per day. Whereas, the winter semester started on the 15th October and until December, the professors of the Faculty of Civil Engineering held 5463hours.

The number of classes held by the academic staff				
Month	F1	F2	F3	F1+F2+F3
February	285	43	125	453
March	1192	111	392	1695
April	1065	121	333	1519
May	989	98	381	1468
Total	3531	373	1231	5135

During the pandemics period, all appropriate measures have been taken by the Faculty so the decisions of the local institutions, the Board of Directors of the University of Prishtina, The Senate of the UP and the UP management regarding the compliance of the measures of preventing virus Covid-19 from spreading will be respected. They have also been managed by the Task Force founded in the faculty level. In such occasions, our faculty has organized exams for students for the terms from January to December, 2021.

The number of classes held by the academic staff – winter semester 21/22				
Month	F1	F2	F3	F1+F2+F3
February	523	62	125	710
March	1368	200	328	1896
April	1506	146	312	1964
May	671	60	162	893
Total	4068	468	927	5463

According to our notes, students' graduation for the time reported is considered to be an indicator of achievement and includes: 143 graduated from all bachelor study programmes and 30 graduated from all master study programmes.



Graph 1, graduate students for the period January 1 - December 31, 2021 at the level of FCE

Inventory for classrooms with materialization devices, video projectors, whiteboards, etc is a characteristic for this reporting period as every classroom possess a video projector. Laboratories are equipped with the necessary materials in realizing exercises in an uninterrupted way.

During the winter semester, a number of study visits with students and professor have been realized in facilities and locations within Kosova and mainly in Albania.

The faculty shares gratitude certificates for distinguished students each academic year. This year, too, the faculty announced the best students according to these criteria: the highest average grade (above grade 8) and one student from each study department. These students, their notes are published on the website of the faculty.

Regularly, the faculty's management organizes meetings with students and the students' council of the Faculty of Civil Engineering in order to identify their needs and requests.

Although the largest part of the year is characterized by an increasing intensity of infections from Covid-19 (time to time), the administration of the Faculty has been committed to the maximum in daily affairs and in cases of additional matters depending on the Faculty's needs such as different organizations organized during 2021.

The Academic Staff of the Faculty of Civil Engineering

During the period January to September, 2021, the number of the full-time academic staff on a regular contract is 34, of which 19 are professors and 15 are teaching assistants. This statistic of the academic staff changes from October as a result of the vacancies announced by the University, and there is a total of 36 professors and 18 teaching assistants. During 2021 one professor has retired and another one has passed away from Covid-19. The list of professors is complemented

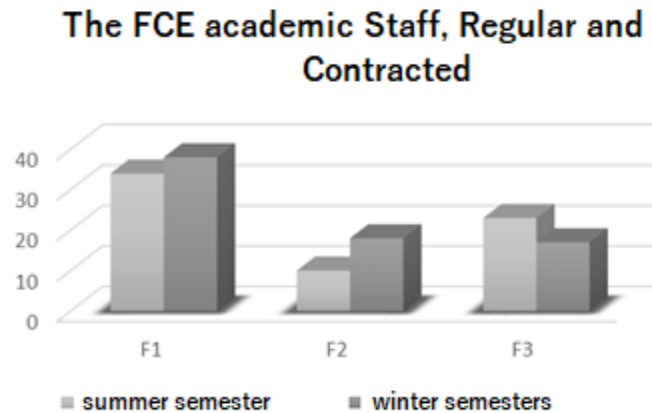
by a visiting professor from the University of Tirana, Faculty of Civil Engineering who is engaged for the academic year 2021/22.

FAKULTETI I NDERTIMTARISE						
KATEGORIA E PROFESORËVE						
Gradat	A	B	C	D	E	Total mesimdhenes
	Stafi me te gjitha gradat ne UP	Stafi me se paku nje gradë ne Universitete te vendeve BE-se	Stafi me se paku nje gradë ne Universitete te SHBA	Stafi me se paku nje gradë ne Universitete tjera jashte Kosovës	Stafi me grada te kombinuara nga kategorite B, C dhe D	
Bsc	2				0	
Msc						
PhD		3	0	13		
Total	2	3	0	13	0	18
KATEGORIA E ASISTENTËVE						
Gradat	A	B	C	D	E	Total asistent
	Stafi me te gjitha gradat ne UP	Stafi me se paku nje gradë ne Universitete te vendeve BE-se	Stafi me se paku nje gradë ne Universitete te SHBA	Stafi me se paku nje gradë ne Universitete tjera jashte Kosovës	Stafi me grada te kombinuara nga kategorite B, C dhe D	
Bsc	14	0	0	0	0	
Msc		0	0	2		
PhD		0	0	2		
Total	14	0	0	4	0	18

Vërejtje: Stafi duhet të vendoset vetëm në njërin prej kategorive A,B,C,D ose E. Në total shifra duhet të përputhet me nurmin aktual të mesimdhenëve përkatësisht asistentëve në Fakultet

The academic staff engaged within the University (F2) from other academic units for the summer semester 2020/2021 is 10 in total, while for the winter semester of the academic year 2021/2022 there is a total of 14, of which 8 are professors and 6 are teaching assistants.

The academic staff engaged under contract (F3), according to the open call, for the summer semester 2020/2021 are 23 professors, whilst for the winter semester of the academic year 2021/2022 there is a total of 17 professors.



Graph 2. The FCE academic staff (according to commitments F1, F2 and F3) for 2021.

During 2021, the open call “on the appointment, reappointment and promotion of the academic staff in the Faculties of the University of Prishtina was organized and completed for the promotion of three teachers (two re-elected teaching assistants and one promotion from teaching assistant to professor assistant) and the selection of five full-time teachers. (four teaching assistants and one professor assistant).

The open call “on the engagement of the external academic staff for lectures and exercises based on the needs of the academic units of the University of Prishtina “Hasan Prishtina” has been

completed for the academic year 2021/22. From the Faculty of Civil Engineering 11 positions have been filled (four professors, one lecturer and six teaching assistants).

National and international collaborations of the Faculty of Civil Engineering

The academic staff of the Faculty, respectively the Water Engineering Department in cooperation with the management and the administration of the Faculty have been mobilized to compete in the project for the organization of the Master of Science study programme for Integrated Water Resources Management in Kosova. The same project is won by the Faculty of Civil Engineering who signs a Letter of Agreement (prot. FN nr 3330/1, 21.10.2021), concluded between the University of Prishtina “Hasan Prishtina” in Prishtine – The Faculty of Civil Engineering in partnership with the University “Haxhi Zeka” in Peja and The Swiss Agency for Development and Cooperation (SDC) and implemented by Skat Consulting Ltd (Switzerland) in consortium with the Austrian Environment Agency, regarding the Integrated Water Resources Management study programme. This project is financially supported in the amount of 150.000,00 € by the Swiss office.

The Faculty’s collaborations with the local and international institutions for this period mark progress. There are a number of signed cooperation agreements such as:

- The agreement on cooperation between the Ministry of Culture, Youth and Sports of Kosova (MCYSK) with the Faculty of Civil Engineering (FCE). There are three annex agreements between MCYSK and FCE regarding the assessment of the condition of the facilities in the memorial complex “Adem Jashari” in Prekaz, the evaluation of the National Museum of Kosova.
- Agreements with all members of the Industrial Board of the Faculty regarding the organization of practical work of students in public organizations and private companies.
- Cooperation agreements with local entities for the implementation of the project Tempus “GEO BIZ”
- Agreement with KRU Prishtina, signed in March 2021 for the realization of the students’ practical part from the water engineering study programme.

In 2021, the Faculty has participated in projects such as:

- ✓ ERASMUS + PROGRAMME-KEY ACTION 2-CAPACITY BUILDING IN HIGHER EDUCATIONS: cofound by- Erasmus + Programme of EU. Ndërsa emri i projektit: “HIGHER EDUCATION-ENTERPRISE PLATFORM FOR FOSTERING, MODERNIZATION AND SUSTAINABLE GROWTH IN NATURAL STONE INDUSTRY IN WESTERN BALKANS-BKSTONE”. Vlera e përfitimit të FN-së nga projekti është 35.958,41€
- ✓ The project “Erasmus+GEOBIZ, Business driven problem based learning for academic excellence in geoinformatics (no: 601225-EPP-1-2019-1-HR-EPPKA2-CBHE-JP)”. From this project, the Faculty of Civil Engineering benefits among others, equipment-Geodetic instruments in order to advance teaching and increase the capacity of laboratories and the developments of students’ professional practices from the department of Geodesy,

respectively, the programmes of BSc and MSc Geodesy. The value of the Faculty's benefit from the project is €29,690.00.

Furthermore, applications have been prepared in international projects for scientific research, the increase of the capacities of the Faculty's staff and the improvement of infrastructure such as:

- ✓ Horizon Europe, European Commission, Call HORIZON-WIDERA-2021-ACCESS-02, "Strengthening the Research Capacity in Remote Sensing for Sustainable Management of Land and Water"
- ✓ USAID/KOSOVO, Notice of Funding Opportunity (NOFO) Request for Concept Papers under Request for Applications (RFA) No. 72016722RFA00002. Activity title: Private Sector Partnerships to Strengthen Higher Education.

Financial aspects of the Faculty of Civil Engineering:

- Execution of the contract for the renovation of the Faculty's building, level 400. The budget is shared by the three technical faculties (Faculty of Civil Engineering, Faculty of Electrical and Computer Engineering, Faculty of Mechanical Engineering) in the amount of 210,000.00€ The contract was signed in December and a large part of the job was completed during this month. The contract signed by the operator is in the amount of 175,990.90€ The project is expected to be inaugurated in the beginning of 2022.
- The Water Engineering Laboratory which is equipped with equipment fulfilling students' needs and the contracted amount is 54,968.85€
- The laboratory of materials is equipped with equipment for students in the amount of 15,444.77€
- The Faculty has acquired a project for the MSc study programme in Integrated Water Resources Management (IWRM) in the amount of 150,000.00€
- Donations have been acquired for the Faculty from local companies, concretization materials, access to electronic platforms for geodesy students, various services in printing, transport, technical services – doors, painting etc. in an approximate value of 15,000.00€

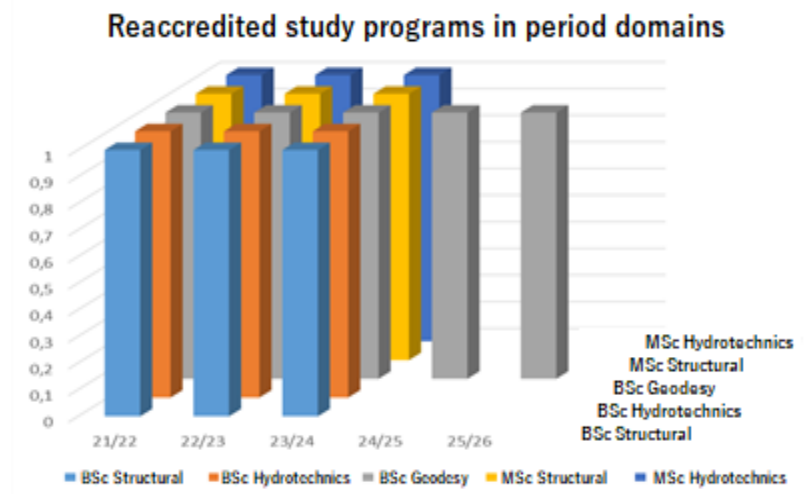
Study programmes – Accreditation and Reaccreditation

One of the special activities of the Faculty this year was the issue of the reaccreditation of the study programmes. In total, there were 5 study programmes in the reaccreditation process (BSc Constructive, BSc Water Engineering, BSc Geodesy, MSc Constructive and MSc Water Engineering). Self-evaluation reports for all the study programmes were prepared by the faculty's staff. Due to the pandemic, the experts' visit for the drafting of external evaluation reports was conducted virtually. The meetings with the external experts for the reaccreditation of the programmes were organized on two different days. For BSc Geodesy, the meetings were held on the 19th March, 2021, for BSc and MSc Water Engineering, the meetings were held on the 30th March, 2021, whereas the meetings for the BSc and MSc Constructive were held on the 23rd April, 2021.

According to the Agency's decision for accreditation no 3020/21 of 12th August, 2021, all study programmes of the Faculty of Civil Engineering get reaccredited in this order and period:

The study programme of BSc Geodesy – 5 years (2021/2022 until 2025/202)

The study programme of BSc Constructive – 3 years (2021/2022 until 2023/2024)
 The study programme of MSc Constructive – 3 years (2021/2022 until 2023/2024)
 The study programme of BSc Water Engineering – 3 years (2021/2022 until 2023/2024)
 The study programme of MSc Water Engineering – 3 years (2021/2022 until 2023/2024)



Graph 3. The FCE reaccredited study programs in 2021

According to the decision of the KAA, by November 15, 2021, the action plan for the implementation of the recommendations given by external experts was submitted.

During this period, the Faculty has dealt with the preparation of the self-evaluation reports of the study programmes of BSc Environmental Engineering and MSc Geodesy for reaccreditation in 2022.

Criteria - the new standards of the Kosovo Accreditation Agency, respectively the Council for State Quality for the accreditation and re-accreditation of the study programs will be challenging for the programmes organized by the Faculty for the next period of accreditations or re-accreditations. 4 BSc programs and 3 MSc study programmes are organized within the Faculty while the accreditation of the new program for integrated water resources management is in process.

For the period of this report, working groups have been established for the drafting of the self-evaluation report – curriculum, programme providers, the programme coordinator, and work is underway to finalize the Evaluation Report for the accreditation process in cooperation with all participants in the project (some academic units from the university, The University of Peja, The University of Koln). The Integrated Water Resources Management programme is taught in English. The Faculty's expectations for the accreditation of this study programme are for 2023/2024.

Organizational Matters of the Faculty

The Faculty of Civil Engineering functions in an organized form according to the organography shown below.

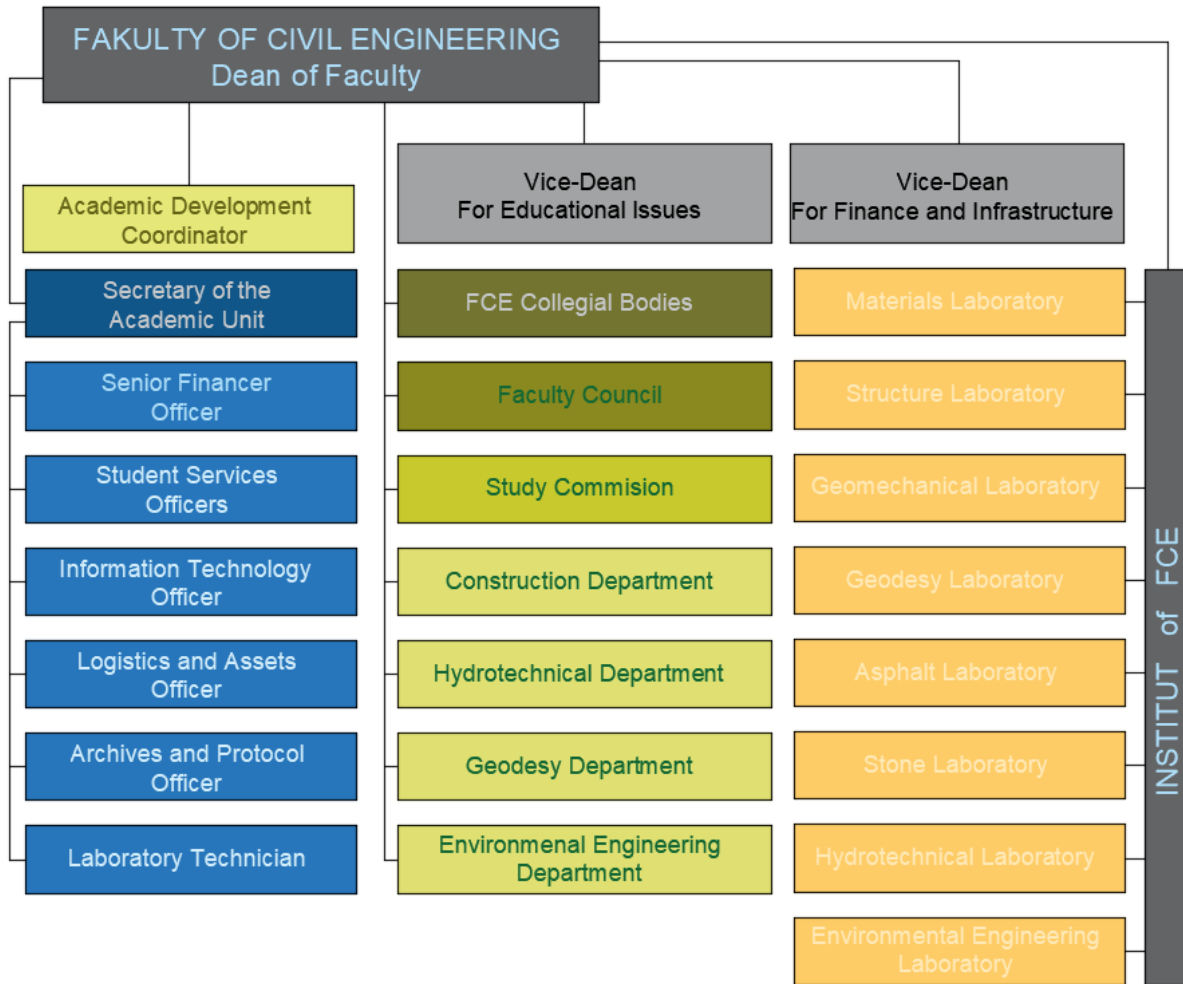


Figure 1. The FCE Organization chart

The website of the Faculty of Civil Engineering is updated and refreshed with current information on a regular daily basis. Updating publications, information about the teaching staff, students, administration and the Industrial Board is done in real time.

During spring, the staff and administration of the Faculty is engaged in sensibilization campaigns for high school graduates in Kosova. Physical visits were organized in many schools in Prishtina and Suhareka during the month of May, leaflets were distributed with content information about the Faculty and its study programmes organized by institutions of higher education.

The year 2021 marks the 60th anniversary of the work of the Faculty of Civil Engineering. On the occasion of the jubilee decade of work of the Faculty on December 19, various activities were organized work table, inauguration of the university book and sharing of gratitude for the academic staff In Memoriam, retirees, academic staff with over 25 years of work, administration and Distinguished Students.

According to Task Force’s statistics, the majority of the academic staff and administration of the Faculty have been infected with Covid-19, while all are vaccinated with two anti-Covid vaccines. In September 2021, one of the regular professors of the Faculty passed away due to Covid-19. As

a result, the Faculty in accordance with the Rectorate and the Senate's decision hires a Visiting Professor from the Polytechnic University of Tirana, respectively, the Faculty of Civil Engineering.

Relying on the Statute of UP, on the organization and functioning of the Advisory Body (Industrial Board) of academic units, the Faculty of Civil Engineering resumes the work for the functioning of the same. On May 21, 2021, a meeting is organized for the functioning of the BI of the Faculty where the presidency is elected (composed of Chairman Afrim Demiri, Deputy Chairman Sabri Zylfiu and Secretary Mimoza Kurteshi) as well as seventeen (17) IB members represented by the country's institutions, enterprises and private companies.

During the period of this report, the BI presidency holds meetings on a regular monthly basis with FCE as well as meetings with the IB in six-month periods. Together with IB, FCE organizes open lectures such as: "Wastewater treatment plant project in Prizren-Kadri Selimaj Alb Architect" - held on 29.10.2021; "Quo vadis INSPIRE - prof.Dr.Vlado Cetl - Croatia" - held on 10.12.2021. There are two workshops organized by BI and FN. On September 22, 2021, a working table is organized for the law of the Chambers of Engineers and Architects of Kosovo, while on December 19, 2021, a working table is organized on the topic "expropriation, challenges and solutions".

The IB' contribution of the FCE is considered by counting also the support for the Faculty's urgent need for smooth operation in the teaching process such as securing donations: 18 video projectors for all classrooms worth around 5,000, 00 € 4 accesses to the national GPS system RKS CORS which can be used through the equipment of the geodesy department (value $4 \times 400 \times 5 = 8.000,00$ €), other donations which are the design of the project for the renovation of the Faculty building (FN FIEK and FIM), removal - cleaning of the facility from waste, etc. It is very promising that this work of IB together with FCE will continue to intensify even more in the future.

Based on the relationships created between the Faculty of Civil Engineering and the founding company of the software DIANA FEA, trainings (5 modules) were organized for this programme, which is a very advanced programme regarding the construction field. The training is organized online for 20 students and 7 participants from the academic staff of our Faculty. Upon completion of the training, training certificates were issued to all participants.

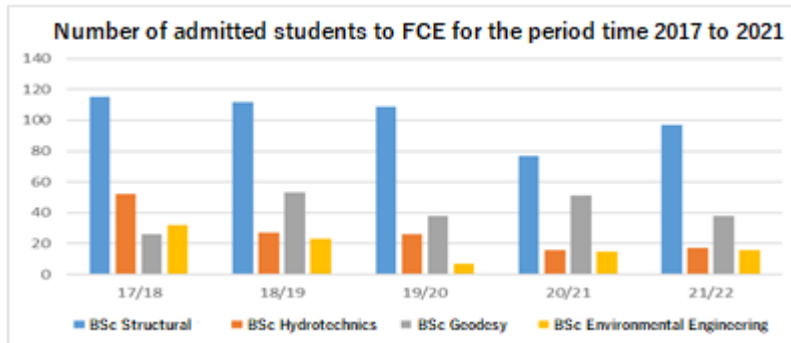
In the last period of 2021 (November, December) in cooperation with the National Library of Kosovo was organized the scanning of all mother books - student registers including all books and creating the electronic database of FCE Students.

Organizing collegial meetings, meetings of the council of the faculty of Civil Engineering are organized respecting the Statute of the University at least one meeting within a month. The meetings of the study committee are regular and in function of the requests from the students. The meetings of the Departments with the management of the Faculty are also in function of their requests and on a regular basis. Also, the participation of the Dean in the meetings of the collegium of Deans and the Senate are regular. The meetings of the Faculty management with the Industrial Board of the Faculty are regular and periodic every month.

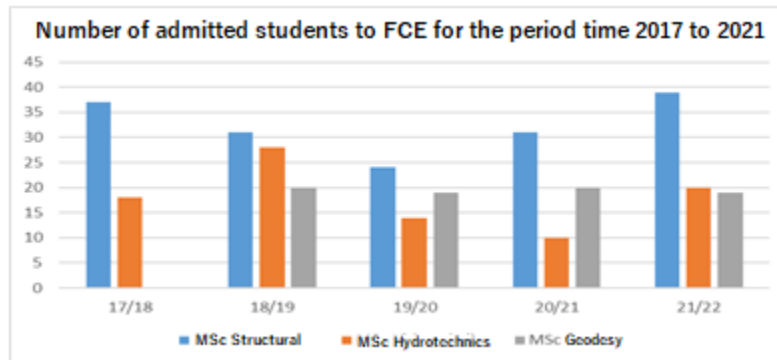
Students

The number of active students in the faculty level for all study programmes of BSc and MSc is 1238 students.

The number of new students interested to study in the programmes offered by the Faculty of Civil Engineering is in decline compared to previous years. The admission rate for new students for the academic year 2021/2022 in all study programmes is 168 students in bachelor studies and 78 students in master studies. . The capacity of study programs for new students in all study programs is 370 students, while enrolled for the academic year 2021/2022 are a total of 266.



Graph 4. Number of admitted students to FCE in the past five years for studies in BSc study programs



Graph 4. Number of admitted students to FCE in the past five years for studies in MSc study programs

For graduate students, Alumni has been created as a database of their data through the questionnaires posted in the faculty website and continues to be completed by graduate students.

There are several cases of student mobility from the Faculty of Civil Engineering in European Institutions such as: the University of Trento, Italy; The Technical University of Munich, Germany; “Poznan University of Life Sciences” Poland; the University of Ghent, Belgium.

Faculty students are given space on the Faculty website. There are transparent Student records of student representations from the Student Council, student representatives on the Faculty Council, Distinguished Students, Student Work, Master's Student Thesis, etc.

Faculty's work with third parties

In cooperation with the Faculty of Arts, with teachers and students, the work of art was realized - Mural with motifs of Technical - Abstract fields, while donations in the amount of €3,000.00 were given for the supply of materials.

The academic staff of the Faculty has also been engaged in professional services for third parties, namely Kosova judicial institutions by evaluating and offering their professional expertise. There is a total of eight court cases, for which the academic staff of the respective fields have been determined, where for each court case three professors have been assigned.