

PAN-EUROPEAN UNIVERSITY
APEIRON
УПЕНЬОН

Pan-European University for Multidiscipline & Virtual Studies
Banja Luka



7 colleges
19 study programs

STUDY GUIDE

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PAN-EUROPEAN UNIVERSITY

APEIRON

AVENBOH

Multidiscipline & Virtual Studies
Banja Luka

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The type of studies

studies of the first cycle (regular and extraordinary):

- ♦ in the period of 3 years / 6 semesters
- ♦ in the period of 4 years / 8 semesters

studies of the second cycle:

- ♦ master studies in the period of 1 year / 2 semesters (60 ECTS)
- ♦ master studies in the period of 2 years / 4 semesters (120 ECTS)

PhD studies* of the third cycle (3 years / 6 semesters)

- Lifelong Learning Program (outcome - vocational academy certificate)
- Programs of continuing professional education and training (outcome - vocational academy certificate).

** In accordance with the obtained licenses.*

Colleges

- College of Modern Management
- Law College
- College of Information Technologies
- College of Health Sciences
- College of Sport Sciences
- College of Philology
- College of Traffic & Transportation Engineering

Pan-European University “APEIRON” is the Academic institution of private property, which carries out its activities under the license of the Ministry of Education and Culture of the Republic of Srpska, No. 07.2-4777/07 from 01/08/2007, 07.023/602-3172-5/08 from 28/09/2009, 07.023/612-86-2/10 from 06/09/2010 and 07.023/612-35-2/10 from 06/12/2010, work permit No. 07.2-9624/07 from 28/12/2007 and 07.023/602-6968/09 from 27/11/2009, work permit outside the seat No. 07.023/612-83-3/10 from 17/09/2010 and 07.023/612-35-3/10 from 18.05.2011, license to run distance learning No. 07.2-9624-1/07 from 28/12/2007, license to run the study programs of the second cycle of studies No. 07.023/612-193-7/11 from 30/12/2011 (Law College), 07.023/612-193-6/11 from 20/12/2011 (College of Information Technologies), 07.023/612-193-5/11 from 13/12/2011 (College of Modern Management), 07.050/612-195-5/13 od 26.01.2015. godine, (College of Health Sciences), 07.050/612-195-3/13 od 16.10.2014. godine (College of Sport Sciences). The University was founded in 2005 and is registered as a higher education institution in the court register of the Main Court in Banja Luka under the No. U/I 4847/05, and in the Register of higher education institutions of the Ministry of Education and Culture of the Republic of Srpska under the No. 11-1/08.

→ DIALOGUE SYSTEM OF EDUCATION BASED ON MENTOR SUPPORT

The educational concept is based on the European and American standards in the grading system, organization of studies, didactic methods and curricula. Practice at the University is based on the best experiences and traditions of American colleges and European universities with the application of all principles initiated by the Bologna reform process of the European higher education. At the University, only one-semester courses are held. Students are enabled to individualize their studies by choosing electives independently (there are up to 25% of them), which personalizes their studies within the multi-disciplinary study programs.

EFFICIENCY/PASSING RATES/KNOWLEDGE STANDARDS ←

In order to achieve high motivation of students and high passing rates at the university with the European standard of acquired knowledge and skills, the university makes use of: block system of teaching, curricula and textbooks formatted according to the Bologna study metric, provided textbooks, recorded lectures and multimedia resources for learning, interactive activities in the classroom with small groups of students, organized educational workshops (seminars, case studies, legal clinics, simulations, VIP panels, student projects, instructional camps, collaborative learning). Planned passing rate at the university is 80%.

→ THE GRADING SYSTEM

Public transparency and the accumulation of all forms of students' activities are the characteristics of the grading system in which, the grade is formed on the basis of the evaluation of all sources of students' activities (activities in the process of teaching, activities within the framework of independent educational forms and assessment of active exam knowledge). During the studies, in a system of vertical movement, other students' achievements related to practice, work experience, published papers and participation in the projects are also graded, as well as previous formal and informal educational forms undergone by students.

Microsoft® IT Academy Program Member



VOCATIONAL ACADEMY ←

Pan-European University "APEIRON" is authorized Microsoft IT Academy as well as Cisco Network Academy through which a large number of various certifications in the field of ICT (Information and Communications Technology) are offered. We organize courses related to the work with Adobe applications for digital image processing, multimedia, animation and special effects, as well as Autodesk courses for 3D modeling and animation. Apart from these licenses, we possess the licenses of authorized test centers such as Pearson VUE and Prometric through which candidates can acquire a large number of globally recognized certificates in various fields.

→ ENROLLMENT POLICY

- 1st admission period: May/June
- 2nd admission period: September

Application for admission is published in the leading daily newspapers in Bosnia and Herzegovina and the Republic of Srpska, as well as in other electronic news media.

In the first year of study may enroll a person who has completed four years of secondary education in Bosnia and Herzegovina entities and Brčko District, or equivalent education abroad may. The University also enrolls foreign citizens.

Students who already have a college or university degree or students who have graded their previously acquired education can continue their education in the third or fourth year of college within the study programs organized at Pan-European University »APEIRON«, if the study programs are equivalent, if the study programs are mutually abutting. The University does not organize entrance exam unless more candidates apply than planned. Information about the prescribed documentation and detailed enrollment requirements can be downloaded on the website or obtained in the university student service.



STUDY TRANSPARENCY AND SPECIALIZATION ←

By specialization programs, modular approach to curriculum development, and the regime of intensive studies, students are enabled to acquire attractive specialist titles as additional determinants of basic titles, and within the regime of one-year study to acquire a second degree in addition to their basic degree within compatible study programs. At the University, student exchange is organized in cooperation with partner institutions of higher education with which Pan-European University has signed contracts.

→ SCIENTIFIC RESEARCH ACTIVITY

At the University, scientific research activity includes fundamental, applicative, developmental and expert research. With the program of scientific research, which is adopted each year, all necessary conditions for the participation of students in scientific work and training of young scientists for the same, are provided.

Scientific-educational and scientific research work are equal activities at the Pan-European University.

Pan-European University Scientific Research Institute was founded on 27 September 2007. According to the Decision of the Ministry of Science and Technology in Banja Luka No. 06/6-040/050-3/08 from 11/03/2008, it received the license to work and is registered in the registry book of research institutions.

The Institute cooperates on scientific research projects and has signed agreements on scientific-educational and scientific research cooperation with many eminent research and educational institutions, including: Institute of Economic Sciences Belgrade, Institute for Development, Paris (IDCE), University Institute Norköpping (Sweden), Institute Fraunhofer IAO (Germany).

Pan-European University participates in several international scientific projects, i.e. the projects of the Ministry of Science and Technology of the Republic of Srpska, and funds research activities from its own resources. So far, projects from the following areas have been funded: ecology, biodiversity, genetic modification in plant products in the Republic of Srpska region, diabetic retinopathy, organic farming, entrepreneurial economy, the role of life-long learning in a public-private partnership, reproduction and sustainable development of the Republic of Srpska population, environmental crime, juvenile delinquency, resource research of recreational sport, ongoing projects of digital-interactive television development, sibioc learning development, international project of digitization of the European cultural heritage.



OVERVIEW OF SCIENTIFIC JOURNALS PUBLISHED BY THE UNIVERSITY:

RB	Name of the Journal	Editor in Chief	Language of the Journal	Scientific area	ISSN	Reg. No.	Publication frequency (in years)	Web page
1	Annual of the Law College	Ljubinko Mitrović, Prof. PhD	Serbian	Law	Print 2232- 9668 Online 2232-9684	07.030-053-85-4/11 No. 614	1	http://www.gfpm-au.com/
2	EMC – Economy and Market Communication Review	Zorka Grandov, Prof. PhD	Languages of Bosnia and Herzegovina, English	Economics	Print 2232-8823 Online 2232-9633	07.030-053-85-8/11 No. 618	2	http://www.emc-review.com/
3	Sports Sciences and Health	Miladin Jovanović, Prof. PhD	Languages of Bosnia and Herzegovina, English	Sports, Health	Print 2232-8211 Online 2232-822X	07.030-053-85-2/11 No. 612	2	http://www.siz-au.com/
4	JITA – Journal of Information Technology and Applications	Gordana Radić, Prof. PhD	English	Information/Computer Science	Print 2232- 9625 Online 2233-0194	07.030-053-160-8/10 No. 594	2	http://www.jita-au.com/
5	Quality of Life	Radoslav Grujić, Prof. PhD	English	Nutrition, Ecology	Print 1986-602x Online 1986-6038	07.030-053-160-4/10 No. 592	4	http://www.qol-au.com/
6	Nursing Journal	Živorad Maličević, Prof. PhD	Languages of Bosnia and Herzegovina, English	Nursing	Print 2303-6222 Online 2303-6362	07.030-053-52-6/13 No. 640	1	http://www.sestzu-au.com/



SCIENTIFIC CONFERENCES ←

Pan-European University has organized and funded several international scientific conferences among which several are held each year as permanent international scientific congresses:

- Scientific conference of international character - Ecological safety in the postmodern environment ICAMA, dedicated to environmental issues and sustainable development;
- Scientific conference of international character – Information and Communications Technology: Surveillance development ICT:DS;
- Scientific congress – Information Technology for e-education ITEO;
- International conference – Sport Sciences and Health;
- Scientific conference of international character – Sustainable development and biodiversity preservation – ICASUS;
- International scientific conference – Renewable energy sources and sustainable development;
- International conference – Violent crime;
- International scientific conference on economic development and standard of living - Economic development and standard of living – EDASOL;
- International scientific conference on marketing communications development – The power of communication.
- International scientific conference: "THE NEW AND THE TRADITIONAL IN TRANSLATION STUDIES AND IN TEACHING RUSSIAN AS A FOREIGN LANGUAGE".

→ EBSCO – AN ELECTRONIC DATABASE OF SCIENTIFIC AND PROFESSIONAL INFORMATION



Pan-European University, by signing a contract with the corporation "EBSCO Publishing", has licensed access to most respectable electronic database of scientific and professional information which provides for University students and teaching staff access to e-resources and databases of

scientific publications, as well as services of referent databases of scientific and other professional journals from all areas, with the indexed content and quotations, ability to access the full text of articles and cross-references.

→ ANTI-PLAGIARISM

At Pan-European University "APEIRON", all academic papers are checked on plagiarism, so that the misuse of other people's work is reduced to the minimum.

Pan-European University "APEIRON" has the appropriate software to detect plagiarism, which seems to be one of the key problems of the teaching process in the countries of former Yugoslavia. The software is produced by the world's leading software manufacturer "EPHORUS". This verification method is one of the tools to preserve the quality and authenticity of written papers.

APEIRON
anti-plagiarism ✓

This system is used to check all graduate, master, PhD theses, and other scientific papers. Pan-European University went a step further and created, within the Center for Publishing, unique user environments to check papers on plagiarism for all teaching staff.

On the basis of unique user accounts, all teachers and associates can, via WEB, access their anti-plagiarism profiles which allow them to check the papers within their scientific fields. Once checked by this system, all papers become part of a worldwide database and are referent for all future checks.

According to academic standards and rules, up to 1/3 of the content of professional and academic papers of students and teachers may be quoted from texts by other authors in a prescribed manner with reference sources.

As the academic practice at Pan-European University is based on the provision and preservation of quality, it is clear why this approach has become part of the educational process and practice at University "APEIRON", which brought the University to the group of the most prestigious higher education institutions in Austria, Belgium, Germany, Denmark, France, the Netherlands, Norway, Sweden, Switzerland, the United Kingdom, the United States, where such systems are present in the educational process.





COOPERATION WITH OTHER HIGHER EDUCATION INSTITUTIONS

Owing to the way of implementation of the Bologna process, continuous efforts and work to improve the quality of higher education, hard-working students, and devoted teachers, "Apeiron" has become a preferred partner for cooperation with prestigious universities of the Russian Federation, China, and the neighboring countries.

In October 2014, the Pan-European University delegation visited Beijing Jiao Tong University in Beijing, and on this occasion, an agreement of understanding and cooperation was signed between these two higher education institutions. The agreement will allow the exchange of students and teachers, cooperation between the two universities that is focused on providing top quality of teaching, development of joint study programs, scientific research, and other academic projects. Beijing Jiao Tong University is currently working on a project of the Chinese government in the field of education and culture, which was initiated in Beijing in cooperation with 16 countries from Southeast Europe. Pan-European University is the first university from Bosnia and Herzegovina on the path towards the realization of this project due to all its resources, capacities, inventiveness, great scientific and educational outcomes.

An agreement on cooperation was also signed between College of Modern Management of Pan-European University "Apeiron" and Faculty of Economics of Novi Sad University in February 2015. The focus of the agreement is joint organization of PhD studies in the field of economics between the two aforementioned higher education institutions and Faculty of Economics of Banja Luka University. The agreement also covers joint scientific research, cooperation of teachers, participation in scientific conferences, seminars, symposia, and roundtables, exchange of students and student groups at all levels of study.

University "Apeiron" has also established cooperation with Faculty of Transport and Traffic Engineering in Doboj of Istočno Sarajevo University by signing an agreement in July 2014. The agreement covers joint activities for implementation and development of the third cycle of studies in the field of information and computer science. Students will also have the possibility to continue their studies at the other higher education institution from the agreement.

Considering the fact that University "Apeiron" has been committed to the expansion of the Russian Language for 10 years, especially through the work of the College of Philology, in a very short period of time it has signed agreements on cooperation with Moscow State Regional University, Lipetsk State University, and Tambov State University. According to these agreements, students of the signatory universities have to finish the first three years of study at their home university, but the fourth year can be completed at the "partner university". The result is a double degree – a degree from Pan-European University and one from the aforementioned universities. The double-degree program sets University "Apeiron" as a leader among the other universities in the region.

Not only students of the College of Philology, but also students of the College of Modern Management and College of Information Technologies may acquire double degrees.

Students of the College of Philology are already staying and studying in Russia. At M. V. Lomonosov Moscow State University, with which the university also cooperates, students of the College of Philology learn Russian, learn about the Russian culture, but also participate actively in international conferences and present their works in front of foreign academic audience.

In March 2015, College of Philology of Pan-European University and Lomonosov Moscow University organized the first international conference: "The new and the traditional in translation studies and in teaching Russian as a foreign language". 75 authors from the Republic of Srpska, Bosnia and Herzegovina, Serbia, Macedonia, Montenegro, Moldova, Poland, Kazakhstan, and Armenia contributed to this topic, and a lot of academicians of the Russian Academy of Arts and Sciences and the deans of several Russian universities attended this scientific conference as guests and presenters. The conference was organized at University "Apeiron".

Another agreement on educational and scientific cooperation was concluded with other world renowned Russian universities: Peoples' Friendship University of Russia and A. S. Pushkin State University of Russian Language.

So far, 32 students have continued their studies at the aforementioned universities in Russia.

University "Apeiron" has signed 40 agreements on cooperation with universities from our country, the neighboring countries, and other countries of the world. Some of them are already in the process of realization, and some will be implemented in future.

ACHIEVEMENTS OF PAN-EUROPEAN UNIVERSITY STUDENTS

Pan-European University Diplomas are recognized in: the USA, New Zealand, Austria, Germany, Russia, Serbia, Montenegro, Switzerland, the Czech Republic, Norway, Slovenia, Croatia, Sudan, United Arab Emirates, Kuwait and others.

University students have been many times rewarded with gold and silver medals at international exhibitions of ideas, innovations and creativity: „INOST 2011“ – for the paper „Differential robotic platform SKARABEJ“.

At the 26th international festival of Innovations, Knowledge and Creativity „Tesla fest“ in Novi Sad, The Moscow International Salon of Innovations and Innovation Technology „ARCIMEDES“ awarded Mirza Ramičić, a student of the College of Information Technology for the paper „Solar-ecological robotic platform“, with the most prestigious award – the best festival innovation. For his work, Mirza was also awarded with the gold medal „Tesla fest“, and the gold medal was also given to student Rajko Gojković for the paper „Information system on the arrival of urban bus to defined stations“.

At INOST 2012 our students won gold and silver plaquettes.

The tradition of excellent results continued at INOST 2013 when our students won the gold plaquette for their paper "Intelligent solar house", and the silver plaquette for "Dancing robotic couple".



Slobodan Lukić, a student of the second year of College of Modern Management, won the second prize at the IV International Congress "The Economy of the Future", which was in November 2014, organized by Tambov State G. R. Derzhavin University.

Our students, as members of teams and top-quality athletes take part in many kinds of sports and accomplish considerable sports results. Pan-European University students are members of the youth national football team of Bosnia and Herzegovina, members of the FC Borac first team, members of the women's national volleyball team of Bosnia and Herzegovina, members of the national karate team of Bosnia and Herzegovina. Student of the Pan-European University is a member of the national Street-ball team of Bosnia and Herzegovina which won the first place in the World Cup held in China. Student of the College of Sports Sciences, Dragan Pešić, is a two-time world champion in martial art of K1, the first and the best fighter of ultimate fight in Bosnia and Herzegovina. Student Borislav Vujanović is an amateur kick-boxing world champion. Students of the Pan-European University participated in a mountaineering expedition which conquered the highest peak in South America, Aconcagua (6962 m).

Pan-European University won the first place two years in a row at the traditional international futsal tournament in Banja Luka. Also, Pan-European University is the winner of the most prestigious and unofficially the best futsal tournament in the Balkans, which is traditionally held in Derventa. Students of the Pan-European University, College of Sports Sciences, associate athletic practice and acquire theoretical knowledge necessary for practicing high-quality sports and the improvement of sports activities.

International lingo-cultural summer school „Slavic world – unity of cultures“ (2011) was held under the auspices of the Government of the Russian Federation. The host city, Sunčev Brijeg in Bulgaria assembled students of the Slavic countries and provided students with the opportunity to, apart from learning Russian on a daily basis, participate at the festival and present their home country. Our students presented Bosnia and Herzegovina and the Republic of Srpska and won the second place in the contest with the total of 36 representatives of Slavic nations from all Slavic countries.

Degrees of Pan-European University "APEIRON" are internationally recognized.

COOPERATION / ACHIEVEMENTS

UNIVERSITY "ID"

Academic staff	Number of employed professors at the Pan-European University	<input checked="" type="checkbox"/> Full-time employed professors 47 <input checked="" type="checkbox"/> Part-time employed professors 13 Total number of employed academic staff (with PhD) 60
	Number of guest professors	<input checked="" type="checkbox"/> Professors employed under the contract (guest) 63
	Number of assistants/expert associates	<input checked="" type="checkbox"/> Assistants/associates – employed full-time 13 <input checked="" type="checkbox"/> Assistants/associates – employed part-time 3 <input checked="" type="checkbox"/> Assistants/associates employed under the contract 52 Total number of employed academic staff (assistants/associates) 68
University professional staff		<input checked="" type="checkbox"/> Staff employed 62
Total number of employees		<input checked="" type="checkbox"/> 253
Number of students		<input checked="" type="checkbox"/> Studies of the first cycle 3298 students <input checked="" type="checkbox"/> Master Studies 203 students <input checked="" type="checkbox"/> PhD Studies 56 students
	Graduated (completed) so far (2003-2014)	<input checked="" type="checkbox"/> First cycle (4 year study) 2138
		<input checked="" type="checkbox"/> Postgraduate Studies 213
<input checked="" type="checkbox"/> PhD Studies 66		

„APEIRON TV CHANNEL“ – THE FIRST ACADEMIC TELEVISION IN BOSNIA AND HERZEGOVINA

Pan-European University "APEIRON", in order to increase the quality of services provided to students within the framework of regular course of study as well as distance learning, has implemented the platform both for IP television and IP radio via which educational and academic videos are broadcasted in real time, and audio content respectively. The platform itself is additionally used for the delivery of video content of the recorded lectures within the Learning Cubes 4.0 distance learning system.

Pan-European University "APEIRON" broadcasts in digital format, as an interactive IP television, academic and educational-documentary television program via internet TV Channel "APEIRON TV Channel" on the WEB site www.apeiron-uni.tv. APEIRON TV Channel is an open program



internet, radio and TV channel which is pointed toward common users and students, but also to all intellectually curious viewers of a new television generation. From this project can benefit not only Pan-European University students, but also young, creative and enterprising partners from academia and society.

Academic television channel APEIRON TV is a project of students and experts from the Pan-European University by which the following program activities are developed:

- news program dedicated to the events at the Pan-European University and in the academic community in Banja Luka, B&H and abroad;
- educational and scientific program dedicated to contemporary scientific and technological forms;
- facilities that contribute to the knowledge transfer, distance learning and life-long learning;
- the program "Quality of Life" dedicated to the quality of life with content related to the improvement of man's humanity and habitat, current trends, environment preservation, sustainable development,

nutrition, healthy life, active physical exercising, developing and nurturing of mental health, social psychology;

- podcasting and webcasting of flash news dedicated to technology, regional political events, sports and art;
- collection, processing and publication of video and audio material, texts, photography, production and post-production of internet-radio and TV shows, as well as collection of video and photo material from mobile phones;
- documentaries dedicated to the academic community in our immediate and distance area, the European Union and local communities;
- student interdisciplinary and multimedia works;
- broadcasting of alternative film contents;
- content related to music and sports which corresponds to the interests of young people;
- within the academic TV channel, an international "pool" of academic exchange of audio and video content, documentary program, and educational-scientific program is being developed;
- within the academic TV channel, interactive media and digital technology of internet broadcasting and media integration in TV production is being explored.

As a television of youth and creativity, and a kind of workshop of modern digital audio and video technology, and as a place for promoting the improvement of higher education, APEIRON TV Channel encourages investigative journalism, scientific (research) work of students and young people and the development of modern interactive media.

"Apeiron student radio" started working in 2014 as Internet radio. It has high-quality equipment, and it broadcasts entertainment and educational program. In the studio, also audio books are recorded and published within the system of distance learning.



→ EDUCATIONAL PARADIGMS APPLIED AT THE UNIVERSITY

- A flexible system of the Bologna levels of higher education and transfer. A flexible system of the Bologna levels of higher education and transfer is designed, accumulation of credit points, respectively;
- In the design of study programs, a modular construction principle of the curricula with the reengineering and redefining of the traditional curriculum is applied, by which students acquire multidimensional, multidisciplinary and interdisciplinary knowledge;
- Subjects of the common basics are provided with the development of common generic student competencies parallel with academic, common-educational, theoretical-methodological, scientific and vocational-applicative, i.e. specialist competencies;
- From the beginning, an integral Bologna university is built, oriented towards students, so called "Student centered university" with

the synergy of all shared resources including teaching, i.e. educational resources, i.e. university which is also a business, incubation and "career guidance" center;

- An integrated mixed model of studying and learning (blended learning) is introduced which represents the synthesis of contact teaching, distance learning and mobile education, i.e. the synthesis of various forms of the delivery of educational content and teaching methods. Modern interactive forms of knowledge transfer in the form of a dialogue and students' active participation in educational workshops is preferred, and in which, students equally absorb and acquire the proficiency of professors who are at the same time teachers and mentors. Problem-based learning, symbiotic learning and project-based learning are applied.

APEIRON

CAREER GUIDANCE CENTRE

home country and abroad.

On the website of the Career Guidance Center of Pan-European University “Apeiron”, students can find updated information on professions, interesting career paths, trends and labor market conditions, opportunities, government and non-government programs and services, job perspectives, scholarships, opportunities for professional development, workshops, etc.

By helping students to identify their own abilities, competencies, and interest, to make decisions concerning education, training, and profession, the Career Guidance Center has focused on the implementation of the following activities:

- PROFESSIONAL INTERNSHIPS
- LIFELONG LEARNING AND TRAINING
- SCHOLARSHIPS – PROF. DR. RISTO KOZOMARA FUND
- PROMOTION OF UNIVERSITY STUDENTS AT THE LABOR MARKET
- ALUMNI ASSOCIATION

→ PROFESSIONAL INTERNSHIPS

Within the professional internship program, Pan-European University “Apeiron” provides professional internships in leading institutions for its students.



DRAGAN KEKIĆ, Law College

Thanks to the Career Guidance Center of Pan-European University “Apeiron”, as a fourth year student I had the opportunity to do two internships at the Administrative Service Center of the city of Banja Luka and at the Ministry of Justice of the Republic of Srpska. These two internships meant a lot for my further progress and development as a future graduate lawyer.

Today, as a master student at Pan-European University “Apeiron”, I can say with certainty that I gained extensive knowledge in the field of legal science at this University, and with the help of the associates from the Career Guidance Center, my colleagues and I had the opportunity to apply this knowledge in practice, which is very important for a young student, who has to gain professional experience.



BILJANA DIZDAR, College of Modern Management

With the aim to expand my knowledge, I decided to sign up for an internship and spend two weeks at the Indirect Taxation Authority of Bosnia and Herzegovina, the Regional Center Banja Luka. As a student of College of Modern Management, it was important to me to acquire new knowledge and skills in matters relating to VAT (value added tax), excise taxes, customs duties, and tolls. Everything we were taught during a three-year education, was to be applied in practice. When you arrive in a new environment as an intern, you expect to have minor difficulties because you don't know exactly what your duties are. However, the knowledge we acquired at University was more than sufficient to perform minor jobs at the Department of Taxes, the Regional Center Banja Luka. I hope that our University and the Career Guidance Center will continue to provide internships and thus enable students to gain certain knowledge, skills, and working habits.



MLADEN VUČENOVIĆ, College of Health Care and Nursing

As a student of College of Health Care and Nursing, I had the opportunity to do my internship in a nursing home Seniorenhof Schulze Eggenrode in Germany. This internship means a lot for my further development. I had the opportunity to use all theoretical knowledge acquired at University and to apply it in practice, working with patients. Besides working with patients, I've learnt about the new achievements and working methods, as well as the laws and standards for performing tasks in the field of physiotherapy and occupational therapy in the EU. After the completion of the internship I received a certificate on internship in Germany. This experience will help me a lot in finding a job after graduation.

The Career Guidance Centre of Pan-European University “Apeiron” was established within the framework of collateral activities of the University with the aim of creating the preconditions for organized and systematic mediation in promoting University students at the labor market – for the purposes of employment, organization of internships for students, further education, and employment in

„PROF. DR. RISTO KOZOMARA“ FUND ←

„Prof. Dr. Risto Kozomara“ Fund was established on 30 March 2014, and it will award scholarships to Pan-European University students.

The objectives of the Fund are:

- Providing financial support for the most talented students of the first cycle;
- Encouraging students to scientific and research work;
- Promotion of the achieved results of scholars;
- Providing support in the development of the professional, scientific, and research career of scholars;
- Cooperation with other institutions and organizations of interest to students of the University.

→ ALUMNI ASSOCIATION



The Alumni Association is a voluntary association whose mem-

bers are all students who have completed bachelor, master or PhD studies at Pan-European University “APEIRON”, as well as students who are still studying, with the goal of connecting all generations of students to achieve a lasting cooperation between them.

Students become members of the Alumni Association of Pan-European University “APEIRON” voluntarily, by filling in an online application on the website of the Career Guidance Center.

By updating the database of its members, the Alumni Association enables the connection between them to support further development of their professional relationships, but also to preserve their philanthropic commitment to the University.

→ LABOR MARKET CONNECTION – EMPLOYMENT AGENCY “ALUMNA”

By collecting and organizing information about the actual supply and demand in the labor market for educational profiles of the University, the Career Guidance Center provides students with the actual state of the labor market needs, and in cooperation with the Agency “ALUMNA”, it connects them with potential employers.

In cooperation with its partner institutions from the Republic of Srpska, Bosnia and Herzegovina, and abroad, the Agency “ALUMNA” provides graduate nurses and physiotherapists



from College of Health Care and Nursing with jobs in Germany.

Students who are interested in working abroad have the opportunity, through the Agency and the Career Guidance Center, to attend foreign language courses, to test their knowledge of the German language, and to receive an official certificate (ÖSD) which is recognized in all German-speaking countries.

After graduation and obtaining the Certificate B2, graduate nurses and physiotherapists, who want to work in Germany, can apply for a work permit at the Agency “ALUMNA” and get in touch with the employer.

College of modern Management



Study programs

- (1) Business Administration and Entrepreneurship
- (2) Banking, Finance and Trade Management
- (3) Public Administration and Governance

Academic studies of the first cycle

a/ Bachelor degree of the first cycle of studies in the period of 3 years (6 semesters) – 180 ECTS

1. **Bachelor of Business Administration and Entrepreneurship (B.BA) - 180 ECTS**

(Study program: Business Administration and Entrepreneurship)

2. **Bachelor of Banking, Finance and Trade Management (B.BFT) - 180 ECTS**

(Study program: Banking, Finance and Trade Management)

3. **Bachelor of Public Administration and Governance (B.PubAdmin.&Gov.) - 180 ECTS**

(Study program: Public Administration and Governance)

b/ Studies of the first cycle in the period of 4 years (8 semesters) – 240 ECTS – with or without narrow field of study/specialist degree

1. **Bachelor of Business Administration and Entrepreneurship - 240 ECTS**

(Specialist in the field of... / BScBA spec. in ...)

2. **Bachelor of Banking, Finance and Trade Management - 240 ECTS**

(Specialist in the field of Banking, Finance and Trade Management / BSc.BFT spec. in ...)

3. **Bachelor of Public Administration and Governance - 240 ECTS**

(Specialist in the field of... / B.ScPubAdmin.&Gov. spec. in ...)

Master studies of the second cycle

in the period of 1 to 2 years (2-4 semesters) – 300 ECTS (with Master Thesis Defense)

Study programs

(1) **Business Administration and Entrepreneurship**

1. **Master of Business Administration and Entrepreneurship**

2. **Master of Business Administration and Entrepreneurship (... in the field of... / MScBA)**

(2) **Banking, Finance and Trade Management**

1. **Master of Banking, Finance and Trade Management - 300 ECTS**

2. **Master of Banking, Finance and Trade Management - 300 ECTS (... in the field of Banking, Finance and Trade Management / MScBA in Banking, Finance and Trade Management)**

Business Administration and Entrepreneurship - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Statistical methods in management, • Higher mathematics (general course), • Foreign language – level I, • Social Psychology, • Marketing psychology, • Communicology (including information theory), • Marketing management research, • Foreign language – level II, • Program of elective subjects 	<ul style="list-style-type: none"> • Macroeconomics, • Microeconomics, • Technology management, • Securities (including contracts in the economy), • Market business planning, • Marketing organization and management, • Business finance, • Modern management. Program of elective subjects 	<ul style="list-style-type: none"> • Fundamentals of theory of systems and management, • Informatics and computer technology, • Fundamentals of accounting, • Information system design, • Business Law, • Stock market trading, • Management accounting, • Entrepreneurship and entrepreneurial economy, • Project management, • Program of elective subjects 	<ul style="list-style-type: none"> • Quantitative methods and models, • Introduction to civil law, • Decision theory, • Investment management, • International business law, • Market business control and audit, • Development management, • Cost management, • Program of elective subjects, • Graduate/specialist thesis

Banking, Finance and Trade Management - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Statistical methods in management, • Higher mathematics (general course), • Foreign language – level I, • Social Psychology, • Marketing psychology, • Communicology (including information theory), • Marketing management research, • Foreign language – level II, • Program of elective subjects 	<ul style="list-style-type: none"> • Macroeconomics, • Microeconomics, • Technology management, • Securities (including contracts in the economy), • Service economy, • Marketing organization and management, • Business finance, • Management of public procurement, • Program of elective subjects 	<ul style="list-style-type: none"> • Fundamentals of theory of systems and management, • Informatics and computer technology, • Fundamentals of accounting, • Information system design, • Management of commercial banks, • Stock market trading, • Management accounting, • Trade marketing management, • Project management, • Program of elective subjects 	<ul style="list-style-type: none"> • Quantitative methods and models, • Portfolio management, • Decision theory, • Sales improvement – Merchandising & Franchising, • International business law, • Market business control and audit, • Theory of costs, • Export marketing management (Export marketing tools), • Program of elective subjects, • Graduate/specialist thesis

Original program of elective subjects at College of Modern Management:

Financial and business mathematics, Crisis management/revitalization and reconstruction of companies, Crisis management/conflict management, Change management, Technology forecasting and innovative entrepreneurship, Birth and incubation process of new ideas, TQM - Quality management, Establishment and management of a small business, Business plan, Strategic management, Market theory, Acquisition management, Political market research, Characteristics of nations, Social ecology, Culture management, Business correspondence, Nonprofit management - management of nongovernmental organizations, Geopolitics - worldwide processes of globalization, Risk management, Negotiation in international business, Study of the behavior of consumers and customers, Intellectual capital (knowledge economy), Business partnerships, Team development and building (working groups and teamwork), Holistic management, Complexity theory, Marketing management of private trade, Education management, Management of business logistics and freight forwarding, Tourism management, Hotel management, Public procurement management, Customs management and customs policy.

Public Administration and Governance - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Statistical methods in management, • Higher mathematics (general course), • Foreign language – level I, • Social Psychology, • Marketing psychology, • Communicology (including information theory), • Marketing management research, • Foreign language – level II, • Program of elective subjects 	<ul style="list-style-type: none"> • Macroeconomics, • Microeconomics, • Technology management, • Securities, • Constitutional Law, • Administrative Law, • Administrative and office management, • Transition management, • Program of elective subjects 	<ul style="list-style-type: none"> • Fundamentals of theory of systems and management, • Informatics and computer technology, • Fundamentals of accounting, • Information system design, • Budget management, • State management and the rule of law, • Municipal management and local government, • Administrative procedural law, • Project management, • Program of elective subjects 	<ul style="list-style-type: none"> • Management of public finances, • Political management, • Decision theory, • Tax management and consulting, • Theory of international economic relations, • Entrepreneurship and entrepreneurial economy, • Market business control and audit, • Development management, • Program of elective subjects, • Graduate/specialist thesis

Specialist fields		
Business Administration and Entrepreneurship	Banking, Finance and Trade Management	Public Administration and Governance
<p>Bachelor of Business Administration and Entrepreneurship - 240 ECTS (Specialist in the field of ...)</p> <ul style="list-style-type: none"> • Corporate entrepreneurship, • Strategic management and geopolitics, • Project and investment management, • Small enterprises and micro-credits, • Transitional re-engineering, • International marketing management, • Conflict and crisis management, • Standardization and quality management, • Technology forecasting and innovative entrepreneurship, • Team development and communication skills, • Environmental management and sustainable development 	<ul style="list-style-type: none"> • Bank marketing management, • Export and trade management, • Management of freight forwarding, logistics, and insurance, • Tourism and hotel management, • Tax management, market business audit and control, • Stock market and portfolio management 	<p>Bachelor of Public Administration and Governance - 240 ECTS (Specialist in the field of ...)</p> <ul style="list-style-type: none"> • Government management and public administration, • Budget management and public finance, • Nonprofit management, • Human resource development and public relations, • Education, culture and art management, • Media and communication management, • Political management, • European Union

Academic titles are standardized by the act "The nomenclature of professional, academic and scientific titles", in accordance with the legal regulations for this area. The curriculum is approved by the University Senate.

*Electronic textbooks are provided for most subjects, except the textbooks that are being developed.

Study programs

(1) General Law study program

(2) Business Law



Academic studies of the first cycle

a/ Bachelor degree of the first cycle of studies in the period of 3 years (6 semesters) – 180 ECTS

1. **Bachelor of Law - 180 ECTS (LL.B.)**
2. **Bachelor of Business Law - 180 ECTS (LL.B. in Business Law)**

b/ Studies of the first cycle in the period of 4 years (8 semesters) – 240 ECTS – with or without narrow field of study/specialist degree

1. **Bachelor of Law - 240 ECTS**
(Specialist in ... / LL.B. spec. in ...)
2. **Bachelor of Business Law - 240 ECTS**
(Specialist in ... / LL.B. spec. in ...)

Master studies of the second cycle

in the period of 1 to 2 years (2-4 semesters) – 300 ECTS (with Master Thesis Defense)

Study program:

(1) General Law study program

1. **Master of Law**
2. **Master of Law (... in the field of ... / LL.M.)**



General Law study program - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> Mundology, Philosophy of life (academic skills), Philosophy and theory of law, Comparative history of state and law, Nomotechnics with methodology of law, Social psychology, Communicology, Entrepreneurship and entrepreneurial economy, Administrative and office management, Roman law, Program of elective subjects 	<ul style="list-style-type: none"> Macroeconomics, Microeconomics, Criminal law – general part, Introduction to civil law, Criminal law – special part, Constitutional law, Administrative law, Family law, Finance and financial law, Property law, Program of elective subjects 	<ul style="list-style-type: none"> Informatics and computer technology, Labor law, Criminal procedural law, Civil procedural law, Module – I, Business law, Law of obligations, Administrative procedural law, Inheritance law, Foreign language, Program of elective subjects 	<ul style="list-style-type: none"> European Union, Public international law, Private international law, Foreign language, Module – II, Criminology, International business law, State management and the rule of law, Rhetoric and theory of literacy, Graduate/specialist thesis

Business law - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> Mundology, Philosophy of life (academic skills), Philosophy and theory of law, Comparative history of state and law, Foreign language, Social psychology, Communicology, Entrepreneurship and entrepreneurial economy, Administrative and office management, Program of elective subjects 	<ul style="list-style-type: none"> Macroeconomics, Microeconomics, Banking law and securities, Introduction to civil law, Constitutional law, Administrative law, Law of obligations, Finance and financial law, Program of elective subjects 	<ul style="list-style-type: none"> Informatics and computer technology, Labor law, Criminal law – general part, Criminal law – special part, Criminal procedural law, Business law, State management and the rule of law, Administrative procedural law, Stock market trading, Program of elective subjects 	<ul style="list-style-type: none"> European Union, Public international law, Tax management and consulting, Private international law, International business law, Market business audit and control, Rhetoric and theory of literacy, Property law, Program of elective subjects Graduate/specialist thesis

Academic titles are standardized by the act "The nomenclature of professional, academic and scientific titles", in accordance with the legal regulations for this area. The curriculum is approved by the University Senate.

*Electronic textbooks are provided for most subjects, except the textbooks that are being developed.

Basic Studies and Scientific Fields

Fakultet je matičan u osnovnim naučnim oblastima: teorijsko-pravnim, opšte-pravnim, istorijsko-pravnim, ustavnim i političko-pravnim, građansko-pravnim, privrednim, finansijsko-pravnim (javne i poslovne finansije), porodično-pravnim, radno-pravnim, upravno-pravnim, pravosudnim i krivično-pravnim, forenzičko-kriminalističkim, međunarodno-pravnim (javnim i privatnim), evropsko-pravnim (komunitarnim), američko-pravnim (precedentnim), poslovno-pravnim (pozitivnim i međunarodnim), kao i u sporednim naučnim oblastima koje se takođe izučavaju na Fakultetu, a koje su osnova interdisciplinarnog pristupa: *retorika, komunikologija, međuljudski odnosi i vještine komunikacije, administracija, dokumentaristika, pravna informatika, teorija odlučivanja, menadžment rizika i upravljanje krizama, projektni menadžment, konfliktni menadžment, E-poslovanje, upravljanje poslovnim promjenama.*

Original program of elective subjects of the Law College:

Penology, Legal medicine, Victimology, Forensic Psychology and Psychopathology, Misdemeanor law, Fundamentals of criminology, Fundamentals of forensic science, Criminal and forensic investigation, Management of criminal-forensic investigation, Forensic expert analysis, IT criminal-forensic investigation, Juvenile criminal law, Copyright & patent law, Insurance law, Notary law, Bankruptcy law, International payment system and arbitration, International system of accounting and auditing, International criminal law, Municipal management and local government, Special administrative law, Civil service law, International humanitarian law, Diplomatic and consular law, Constitutional law of the European Union, European labor law, EU common market law, Introduction to American law with basics of the case law, Court system in the United States, Federalism in the United States, Control and audit of public administration, Public services, Traffic law, Environmental law, Sports law, Forensic psychology, Constitutional procedural law (Constitutional jurisprudence), Securing receivables law, Medical law (legal and ethical aspects of modern medicine).

Modular program of elective subjects of the Law College:

Judicial/criminal law module I and module II, Criminalistics and forensic science module I and module II, Commercial/civil law module I and module II, General international law module I and module II, Communitarian/European law module, Case/American law module, Administrative law module I and module II.

A module is a complex of three related cases with abbreviated content that are studied together in order to provide multi-disciplinary knowledge in the specific field of application of the law. Within all modules, 35 specialist disciplines are available to students.

Specialist fields	
General Law study program <i>Bachelor of Law 240 ECTS</i> <i>(Specialist in the field of ...)</i>	Business Law <i>Bachelor of Business Law 240 ECTS</i> <i>(Specialist in the field of ...)</i>
<ul style="list-style-type: none"> Economic/civil law, Judicial/criminal law, Forensic/criminal law, General/international law, Communitarian/European law, Case/American law, Administrative law, Labor/social law, Constitutional/political law, Theoretical/historical law, Legal information technology and documentary, Team development and communication skills, Human resource development and public relations, Conflict and crisis management 	<ul style="list-style-type: none"> Business law, Export business and commercial law, Freight forwarding, logistics, and insurance law, Tax system, market business audit and control, Stock market and portfolio management

COLLEGE OF HEALTH SCIENCES

Study programs

- (1) Health Care and Nursing; (2) Health Care Management
(3) Physiotherapy and Occupational Therapy; (4) Sanitary Engineering (5) Medical Laboratory Engineering



FAKULTET ZDRAVSTVENIH NAUKA
COLLEGE OF HEALTH SCIENCES

Academic studies of the first cycle

- a/ **Bachelor degree of the first cycle of studies in the period of 3 years (6 semesters) – 180 ECTS**
- Bachelor of Health Care and Nursing (B.HCN) - 180 ECTS*
 - Bachelor of Health Care Management (B.HCM) - 180 ECTS*
 - Bachelor of Physiotherapy (B.Physioth.) - 180 ECTS*
 - Bachelor of Sanitary Engineering (B.San.Eng.) - 180 ECTS*
 - Bachelor of Medical Laboratory Engineering (B.Med.Lab.Eng.) - 180 ECTS*
- b/ **Studies of the first cycle in the period of 4 years (8 semesters) – 240 ECTS – with or without narrow field of study/specialist degree**
- Bachelor – Specialist of Health Care and Nursing (B.Sc.HCN) - 240 ECTS*
 - Bachelor – Specialist of Health Care Management (B.Sc.HCM) - 240 ECTS*
 - Bachelor – Specialist of Physiotherapy and Occupational Therapy (B.Sc. Physioth. & OT) - 240 ECTS*
 - Bachelor – Specialist of Sanitary Engineering (B.Sc.San.Eng.) - 240 ECTS*
 - Bachelor – Specialist of Medical Laboratory Engineering (B.Sc.Med.Lab.Eng.) - 240 ECTS*

Master studies of the second cycle

in the period of 1 to 2 years (2-4 semesters) – 300 ECTS
(with Master Thesis Defense)

Study program:

Health Care and Nursing

- Master of Health Care and Nursing*
- Master of Health Care and Nursing (... in the field of... / M.Sc.HCN)*

Health Care Management

- Master of Health Care Management – 300 ECTS-credits*
- Master of Health Care Management – 300 ECTS-credits (... in the field of...)*

Sanitary Engineering

- Master of Sanitary Engineering*
- Master of Sanitary Engineering (... in the field of... / M.Sc.San.Eng.)*

BASIC STUDIES AND SCIENTIFIC FIELDS

College is primarily engaged in the basic scientific fields of human-biology (anatomy, histology, embryology, physiology, genetics, cytology), microbiology, bio-chemistry, clinical-chemical and physical-functional fields of science, then in the area of general medical science, applied medical sciences, propedeutics and health care in different branches of medicine and clinical-hospital practice, pharmacology and toxicology, dietetics, geriatrics, epidemiology, medical and developmental psychology, sports medicine, social medicine, medicine history and ethics.

In the broader scientific field of physiotherapy and occupational therapy, college is primarily engaged in physical medicine and physiotherapy within various fields of medicine and clinical-hospital practice, kinesiology, kinesiometry and biomechanics, prosthetics and orthopedics, balneology, occupational therapy and rehabilitation in different types of diseases and disabilities, occupational therapy in community, occupational therapy in psychosocial disorders and ergonomics.

College is primarily engaged in the fields of laboratory medicine that are associated with the above-mentioned narrow scientific fields.

Sanitary Engineering - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> Mundology, Philosophy of life (academic skills), Statistical methods (in health care), Physics with biophysics, Biology with human genetics, Foreign language – level I, Fundamentals of anatomy and histology, Medical biochemistry, Physiology with pathophysiology, Chemistry, Foreign language – level II. 	<ul style="list-style-type: none"> Microbiology with parasitology, Fundamentals of pathology, Informatics and computer technology, Water management and protection, Fundamentals of environmental protection, Epidemiology, Fundamentals of pharmacology with toxicology, Communicology (in health care), Food additives and contaminants, Nutrition, nutritional therapy, and dietetics, Program of elective subjects. 	<ul style="list-style-type: none"> Waste management, Physicochemical analysis of food and water, Fundamentals of food technology and preservation, Drinking water treatment technology, Analysis, control, and protection of air, Ergonomics and occupational medicine, Microbiological analysis of food and water, Sanitary and environmental legislation and supervision, Radiological protection, Program of elective subjects, General sanitary practice. 	<ul style="list-style-type: none"> Health care management, Sanitary-hygienic principles in construction, Disinfection, disinsection, deratization, Sampling methodology in sanitary-hygienic inspection, Sanitary-hygienic inspection of the facilities of public importance, Special practice in institutions of inspection, Organization of health care institutions, Administrative procedural law, Recreational water quality, Systems of quality management and food safety, Graduate/specialist thesis.

Physiotherapy and Occupational Therapy - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> Physics with biophysics, Informatics and computer technology, Introduction to physiotherapy, Biomechanics with kinesiology, Statistical methods (in health care), Foreign language – level I, Fundamentals of anatomy and histology, Physiology with pathophysiology, Introduction to medicine and health care, Fundamentals of kinesiology with kinesiometry, Communicology (in health care) 	<ul style="list-style-type: none"> Fundamentals of physical medicine and rehabilitation, Physiotherapy in orthopedics and traumatology, Physiotherapy in cardiology and pulmonology, Fundamentals of pathology, Foreign language – level II, Physiotherapy in rheumatology, Medical massage, Sports medicine, Prosthetics and orthotics, Fundamentals of occupational therapy 	<ul style="list-style-type: none"> Physiotherapy in neurology, Physiotherapy in pediatrics, Physiotherapy in disorders of the musculoskeletal system, Balneology, General clinical practice in physiotherapy, Physiotherapy in geriatrics, Physiotherapy in gynecology and obstetrics, Radiology and imaging in health care, Ergonomics and occupational medicine, Special clinical practice in physiotherapy, Program of elective subjects 	<ul style="list-style-type: none"> Application of manual techniques in physiotherapy, Health care management, Emergency medicine, reanimatorology, and intensive medical care, Neurology and medical care, Special clinical practice in physiotherapy, Radiological protection, Organization of health care institutions, Theory of sports training, Sports tourism and wellness, Graduate/specialist thesis

Medical Laboratory Engineering - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> Mundology, Philosophy of life (academic skills), Statistical methods (in health care), Physics with biophysics, Human genetics, Fundamentals of anatomy and histology, Medical biochemistry, Physiology with pathophysiology, Chemistry, Safety at work of medical staff, Program of elective subjects. 	<ul style="list-style-type: none"> Microbiology with parasitology, Fundamentals of pathology, Informatics and computer technology, Physical methods in clinical chemistry, Foreign language – level I, Epidemiology, Fundamentals of pharmacology with toxicology, Communicology (in health care), Clinical chemistry, Clinical chemistry, Foreign language – level II, Program of elective subjects, General laboratory practice. 	<ul style="list-style-type: none"> Hematology, Immunology, Nuclear medicine, Clinical Microbiology, Fundamentals of transfusiology, Cytology, Molecular biology and GMO, Clinical and laboratory diagnostics, Special laboratory practice, General clinical and laboratory practice. 	<ul style="list-style-type: none"> Health care management, Technology management, Fundamentals of environmental protection, Propedeutics and health care in the clinical-hospital practice, Organization of health care institutions, Food additives and contaminants, Ergonomics and occupational medicine, Radiology and imaging in health care, Special laboratory practice, Graduate/specialist thesis.

In the broader field of sanitary engineering, college is primarily engaged in the scientific fields of sanitary chemistry, parasitology, general and social ecology, environmental engineering and environment protection issues, drinking water technology and water management, physical-chemical and microbiological analysis of food in food preservation technology, analysis, control and protection of air, control and disposal of waste, sanitary and technical principles of construction and sanitary-environmental legislation and supervision.

College conducts interdisciplinary studies in the areas of health management and marketing, market operations and applied economics of health care institutions, health insurance and funds in the area of health, medical statistics, business and applicative information technology and organizational science in health care, as well as in the areas of communicational and administrative - documentary scientific fields and applied pedagogical studies in the field of health care.

Health Care and Nursing - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Statistical methods (in health care), • Informatics and computer technology, • Foreign language – level I, • Fundamentals of anatomy and histology, • Medical biochemistry, • Physiology with pathophysiology, • Introduction to medicine and health care, • Foreign language – level II, • Program of elective subjects. 	<ul style="list-style-type: none"> • Human genetics, • Microbiology with parasitology, • Fundamentals of pathology, • Emergency medicine, reanimatology, and intensive medical care, • Propedeutics and health care in the clinical-hospital practice, • Epidemiology, • Fundamentals of pharmacology with toxicology, • Care of infectious patients and infectious diseases, • Care of internal medicine patients with basics of internal medicine, • Communicology (in health care). 	<ul style="list-style-type: none"> • Health care in pediatrics, • Care of surgical patients with basics of surgery, • Care of psychiatric patients with basics of psychiatry, • Care of the elderly with basics of geriatrics, • Health care of women with basics of gynecology and obstetrics, • General clinical practice, • Fundamentals of transfusiology, • Care in family medicine and primary health care protection, • Oncology and palliative health care, • Nutrition, nutritional therapy, and dietetics, • Radiology and imaging in health care, • Special clinical practice. 	<ul style="list-style-type: none"> • Fundamentals of surgical instrumentation, • Care of cardiopulmonary patients – intensive care in cardiology, • Ophthalmology and medical care, • Neurology and medical care, • Ergonomics and occupational medicine, • Dermatovenerology and medical care, • ENT and medical care, • Organization of health care institutions, • Program of elective subjects, • Graduate/specialist thesis.

Health Care Management - (studies of the first cycle in the period of three and four years)

Year of study	
III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Portfolio management, • Decision theory, • Health care management, • Service economy, • Entrepreneurship and entrepreneurial economy, • Management of public relations – PR, • Organization of health care institutions, • Health insurance, • Program of elective subjects. 	<ul style="list-style-type: none"> • Health care systems and policy, • Economics and financing of health care organizations, • Investment management, • Management of public finances, • Marketing management research, • Project management, • Human resource management, • Management of corporate governance, • Program of elective subjects, • Graduate/specialist thesis.

The general condition of enrollment in the study program “Health Care Management” is a college or university degree within the system of medical professions, i.e. health-care activities. Students can also enroll in a differential program “Health Care Management” after having completed the first cycle studies of a study program at College of Health Care and Nursing of the Pan-European University.

Specialist fields				
Health Care and Nursing	Health Care Management	Physiotherapy and Occupational Therapy	Sanitary Engineering	Medical Laboratory Engineering
<p><i>Bachelor-Specialist of Health Care and Nursing (B.Sc.HCN) 240 ECTS (... in the field of ...)</i></p> <ul style="list-style-type: none"> • Intensive medical and urgent care; • Nutrition and dietetics; • Infectology care; • Internal medicine patients care; • Pediatric care; • Surgical patients care; • Surgical instrument assistant; • Geriatric care; • Obstetric-gynecological care; • Primary medical care and family medicine; • Oncology patients care; • Psychiatric patients care; • Neurology care; • Ophthalmology care; • Radiological engineering; • Anesthesiologist assistant; • Dental assistant. 	<p><i>Bachelor-Specialist of Health Care Management (B.Sc.HCM) 240 ECTS (... in the field of ...)</i></p> <ul style="list-style-type: none"> • Specialist study in public health and health care; • Clinical and hospital institutions management; • Portfolio management of health funds and insurances; • Team development and communication skills in health care; • Human resource management and public relations; • Medical informatics and documentary. 	<p><i>Bachelor-Specialist of Physiotherapy and Occupational Therapy (B.Sc.Physioth.&OT) 240 ECTS (... in the field of ...)</i></p> <ul style="list-style-type: none"> • Physiotherapy in surgery and traumatology; • Physiotherapy in orthopedics; • Physiotherapy in cardiology and pulmonology; • Physiotherapy in sports medicine; • Physiotherapy in neurology; • Physiotherapy in pediatrics; • Physiotherapy in geriatrics; • Spa physiotherapy; • Community occupational rehabilitation; • Occupational therapy of psychosocial disorders; • Medical informatics and documentary. 	<p><i>Bachelor-Specialist of Sanitary Engineering (B.Sc.San.Eng.) 240 ECTS (... in the field of ...)</i></p> <ul style="list-style-type: none"> • Nutrition and dietetics; • Environmental engineering; • Sanitary technology and water management; • Sanitary technology and food management; • Sanitary management and air management; • Sanitary technology and waste management; • Sanitary and environmental legislation and supervision. 	<p><i>Bachelor-Specialist of Medical Laboratory Engineering (B.Sc.Med. Lab.Eng.) 240 ECTS (... in the field of ...)</i></p> <ul style="list-style-type: none"> • Laboratory Forensics; • Nutrition and dietetics; • Medical informatics and documentary.

Academic titles are standardized by the act “The nomenclature of professional, academic and scientific titles”, in accordance with the legal regulations for this area. The curriculum is approved by the University Senate.

*Electronic textbooks are provided for most subjects, except the textbooks that are being developed.

COLLEGE OF INFORMATION TECHNOLOGIES



FAKULTET INFORMACIONIH TEHNOLOGIJA
COLLEGE OF INFORMATION TECHNOLOGIES

Study programs

- (1) Information Technology Engineering
- (2) Computer Science Education

Academic studies of the first cycle

- a/ Bachelor degree of the first cycle of studies in the period of 3 years (6 semesters) – 180 ECTS
1. **Bachelor of Computer Science and Information Technologies - 180 ECTS** (Study program: Information Technology Engineering / B.IT)
 2. **Bachelor of Information Technologies and Technical Education - 180 ECTS** (Study program: Computer Science Education)
- b/ Studies of the first cycle in the period of 4 years (8 semesters) – 240 ECTS – with or without narrow field of study/specialist degree
1. **Bachelor of Computer Science and Information Technologies - 240 ECTS** (Specialist of Computer Science B.Sc.IT – spec. CS)

2. **Bachelor of Computer Science Education - 240 ECTS**

Master studies of the second cycle in the period of 1 to 2 years (2-4 semesters) – 300 ECTS (with Master Thesis Defense)

Study program

- (1) Information Technology Engineering
 1. **Master of Computer Science and Information Technologies - 300 ECTS**
 2. **Master of Computer Science and Information Technologies - 300 ECTS - 300 ECTS** (... in the field of ...)

Basic Studies and Scientific Fields

College is primarily engaged in the basic scientific fields of computer science (programming basics, the theory of algorithms, computer system architecture and organization, operating systems, network computing, pro-

gramming languages, software engineering - modeling, software analysis and design, software management, human-computer interaction, graphics and visualization, artificial intelligence, information management - the theory and practice of databases, relational and distributed databases, legal, ethical and professional aspects of computer science), the field of information technology (safety and information security, platform technology, administration and maintenance of IT systems, technical support), the field of information systems (system-analysis and logical design of IS, information system design, implementation of information systems, maintenance of information systems, the development of specific types of IS, distributed systems), the field of computer engineering (computer system engineering, networking and telecommunications) and in the secondary scientific fields which are also studied at the College, and which are the basis of interdisciplinary approaches: (*mathematical analysis, discrete mathematical structures, the theory of algorithms, probability and statistics, numerical methods and operational research, general system theory, organization theory, decision theory, information theory, project management, educational informatics, cryptography, e-business, change management, human (interpersonal) relations and communication skills.*

Information Technology Engineering - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Statistical methods in management, • Higher mathematics (general course), • Foreign language – level I, • Discrete mathematical structures, • Architecture of computer systems and networks, • Business applications, • Communicology (including information theory), • Foreign language – level II, • Program of elective subjects. 	<ul style="list-style-type: none"> • Fundamentals of theory of systems and management, • Decision theory, • System software (operating systems), • Principles of programming, • Fundamentals of accounting, • Databases, • NET management – administration and management of computer networks, • Algorithms and data structures, • Computer graphics and design, • WEB programming and design, • Program of elective subjects. 	<ul style="list-style-type: none"> • Protection of computer and operating systems, • Technology management, • Information system design, • Business intelligence, • MbIS – Management of business information systems, • Higher programming languages and RAD tools – programming in VB, • Electronic business, • Internet marketing, • Expert systems, • Cyber law, • Program of elective subjects. 	<ul style="list-style-type: none"> • Software engineering with object-oriented programming, • RDBMS (SQL administration & CASE tools), • Higher programming languages and RAD tools – programming in C++, • HCI – human-computer interaction, • Multimedia, • DSS – decision support systems, • Program of elective subjects, • Graduate/specialist thesis.

Computer Science Education - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Physics with biophysics, • Higher mathematics (general course), • Materials and processing technology, • Foreign language – level I, • Discrete mathematical structures, • Architecture of computer systems and networks, • Business applications (office programs), • Fundamentals of road traffic and transport, • CAD – with basics of technical drawing, • Foreign language – level II. 	<ul style="list-style-type: none"> • Fundamentals of theory of systems and management, • System software (operating systems), • Principles of programming, • Fundamentals of mechanical engineering, • Fundamentals of electrical engineering and electronics, • Fundamentals of environmental protection, • Databases, • NET management – administration and management of computer networks, • Algorithms and data structures, • Computer graphics and design, • Engineering chemistry and technological processes, • WEB programming and design, • Program of elective subjects. 	<ul style="list-style-type: none"> • Contemporary pedagogy, • Didactic systems, • Information system design, • Renewable energy sources, • Fundamentals of civil engineering and architecture, • Modeling and designing, • HCI – human-computer interaction, • Higher programming languages and RAD tools – programming in VB, • Methodology of teaching technical science and informatics, • Educational psychology, • E-Learning, • Pedagogical practice – demonstration classes, • Program of elective subjects. 	<ul style="list-style-type: none"> • Software engineering with object-oriented programming, • RDBMS (SQL administration & CASE tools), • Higher programming languages and RAD tools – programming in C++, • Pedagogical practice – demonstration classes, • Expert systems, • Multimedia, • DSS – decision support systems, • Program of elective subjects, • Graduate/specialist thesis.



Original program of elective subjects:

GIS-Geographic information systems, MpIS-management of production information systems, Information systems of public administration (e-government), ERP systems (Enterprise Resource Planning), Theory of automata and computer languages, Design and analysis of algorithms, Digital photography, DTP-Digital publishing, Computer animation, WEB services and applications, CAD-with basics of technical drawing, Informatics and computer technology, Administration and maintenance of IT systems, Implementation and management of IT systems, Enterprise platform technologies (Windows Server 2012 and SQL Server 2012), Theory of information and coding, Fundamentals of cryptography, Numerical methods and operational research, Professional practice/computer project, Digital editing with advanced studio equipment, Mobile computing, Television advertising - concepts and techniques of TV commercials.

Specialist fields

Information Technology Engineering

Academic titles: *Bachelor of Information Technology - 240 ECTS* (Specialist in the field of ...)

<ul style="list-style-type: none"> • Information system design and development • Information system management of public administration • Computer network administration and management • Software engineering • Electronic business (e-commerce, e-banking, e-marketing) • Computer graphics and design 	<ul style="list-style-type: none"> • WEB programming and design • Information management • IS Security management – crypto & cyber protection • Computer system architecture, organization, and maintenance • Expert systems
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Academic titles are standardized by the act "The nomenclature of professional, academic and scientific titles", in accordance with the legal regulations for this area. The curriculum is approved by the University Senate.

*Electronic textbooks are provided for most subjects, except the textbooks that are being developed.

College of Sport Sciences

Study programs

- (1) Sports Management
- (2) Sports Training & Coaching
- (3) Sport Science Education



Electronic textbooks are included in the tuition costs*

Be a part of our team

Academic studies of the first cycle

- a/ Bachelor degree of the first cycle of studies in the period of 3 years (6 semesters) – 180 ECTS
1. **Bachelor of Sports Science in Sports Management - 180 ECTS**
(Study program: Sports Management)
 2. **Bachelor of Sports Science in Sports Training & Coaching - 180 ECTS**
(Study program: Sports Training & Coaching)
- b/ Studies of the first cycle in the period of 4 years (8 semesters) – 240 ECTS – with or without narrow field of study/specialist degree
1. **Bachelor of Sports Science in Sports Management - 240 ECTS**
(Specialist in the field of... / B.Sc.Sport Mng.)
 2. **Bachelor of Sports Science in Sports Training & Coaching - 240 ECTS**
(Specialist in the field of... /B.Sc.Sport Coch.)
 3. **Teacher of Physical Education - 240 ECTS**
(... in the narrow field of... / specialist degree)

Academic master's studies of the second cycle

In the period of one to two years (2-4 semesters) – 300 ECTS-credits (with Master Thesis Defense)

Study program Sports Management

1. **Master of Sports Management – 300 ECTS-credits**
Sport in Target Groups
1. **Master of Sports Science – 300 ECTS-credits**

Basic Studies and Scientific Fields

College is primarily engaged in the basic scientific fields of sports sciences: biological and medical sports basics, biomechanics and anthropometrics, statistics, computer science and methodology in sport, pedagogy and psychology of sport and exercise, sociology, philosophy and ethics of sport, economics and sports management, sports theory and science of training, individual sports and sports fields, rhythmic gymnastics and dance, basic motor activities, sports and recreation activities in nature, and sports in selected target groups, as well as in the secondary scientific fields studied at the College, which are the basis of an interdisciplinary approach: sports medicine, sports tourism and wellness, pharmacology and toxicology, nutrition and dietetics, physical medicine and rehabilitation, sports massage, balneology.

Sports Training & Coaching - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Informatics and computer technology, • Theory of sports, • Foreign language – level I, • Psychology of sport, • Fundamentals of anatomy, • Communicology, • Physiology (with physiology of sport), • Sports management, • Program of elective subjects. 	<ul style="list-style-type: none"> • General anthropometrics, • Fundamentals of biomechanics (with kinesiology), • Statistics – statistical methods in sports, • Physical preparation in selected sports, • Foreign language – level II, • Theory of sports training, • Fundamentals of pharmacology and toxicology (doping in sport), • Sports tourism and wellness, • Phenomenology of sports – basics of sociology and history of physical activity and sport, • Program of elective subjects. 	<ul style="list-style-type: none"> • Fundamentals of theory of systems and control, • Sports medicine, • Decision theory, • Management of sports facilities and events, • Program of elective subjects – MODULE – 1 (Theory of the elected branch of sport), • Diagnostics, testing, and measurement in the elected branch of sport, • Nutrition, nutritional therapy, and dietetics, • Technique and methodology of the elected sport, • Tactics of the elected sport, • Pedagogy of sport and training, • Program of elective subjects. 	<ul style="list-style-type: none"> • Fundamentals of physical medicine and rehabilitation, • Balneology, • Organization and management of marketing (in sports), • Program of elective subjects – MODULE – 2 (student chooses two of the sports offered), • Pedagogical practice in a sports club, • Medical massage, • Human resource management, • Methodology of educational work (in sports), • Strategic and business management in sports, • Program of elective subjects, • Graduate/specialist thesis.

Sports Science Education - (studies of the first cycle in the period of four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Informatics and computer technology, • Theory of sports, • Foreign language – level I, • Psychology of sport, • Fundamentals of anatomy, • Communicology, • Basketball, • Sports management, • Practicum in the elected sport, • Program of elective subjects. 	<ul style="list-style-type: none"> • General anthropometrics, • Biomechanics with kinesiology, • Statistical methods in sports, • Rhythmic gymnastics and dance, • Skiing, • Foreign language – level II, • Physiology (with physiology of sport), • Sports medicine, • Pedagogy of sport and training, • Phenomenology of sports – basics of sociology and history of physical activity and sport, • Swimming and water sports, • Practicum in the elected sport. 	<ul style="list-style-type: none"> • Corrective gymnastics, • Sport gymnastics, • Volleyball, • Handball, • Martial arts, • Methodology of educational work (in sports), • Athletics, • Sports activities in nature, • Theory of sports training, • Program of elective subjects, • Pedagogical practice in a school institution. 	<ul style="list-style-type: none"> • Review of sports, • Sports recreation, • Football, • Management of sports facilities and events, • Skiing – advanced course, • Pedagogical practice in a school institution, • Fundamentals of pharmacology and toxicology (doping in sport), • Sports tourism and wellness, • Diagnostics in sport, • Nutrition, nutritional therapy, and dietetics, • Graduate/specialist thesis.

Sports Management - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Informatics and computer technology, • Theory of sports, • Foreign language – level I, • Psychology of sport, • Fundamentals of anatomy, • Communicology, • Physiology (with physiology of sport), • Sports management, • Program of elective subjects. 	<ul style="list-style-type: none"> • General anthropometrics, • Fundamentals of biomechanics (with kinesiology), • Statistics – statistical methods in sports, • Microeconomics (with economics of sports), • Foreign language – level II, • Program of elective subjects, • Theory of sports training, • Organization and management of marketing (in sports), • Human resource management, • Phenomenology of sports – basics of sociology and history of physical activity and sport, • Program of elective subjects – MODULE – 1 (student chooses two of the sports offered). 	<ul style="list-style-type: none"> • Fundamentals of theory of systems and control, • Securities, • Decision theory, • Management of sports facilities and events, • Program of elective subjects – MODULE – 2 (student chooses two of the sports offered), • Strategic and business management in sports, • Marketing management of public relations, • Business finance, • Pedagogy of sport and training, • Program of elective subjects. 	<ul style="list-style-type: none"> • Review of sports, • Sports medicine, • Investment management, • Sports tourism and wellness, • Electronic business, • Methodology of educational work (in sports), • Marketing management research, • Entrepreneurship and entrepreneurial economy, • Program of elective subjects, • Graduate/specialist thesis.

The area of employment

- Professional and managerial positions in sports federations, clubs and international sports organizations;
- School facilities and other institutions that formally and informally educate students;
- Management, collaboration and consultation in sports organizations in the sport areas of: people with special needs (disabled, etc.), recreational groups, corporate sport, fitness centers;
- Sports management activities in regional institutions;
- Coaching positions in the areas of professional sport, prestigious sport, health sport;
- Coaching positions in the areas of wellness, recreation, youth sport;
- Sports journalism (the establishment of specifically practicing information);
- Position in regional and local sports institutions (sports officers, etc.).

Academic titles are standardized by the act "The nomenclature of professional, academic and scientific titles", in accordance with the legal regulations for this area. The curriculum is approved by the University Senate.

*Electronic textbooks are provided for most subjects, except the textbooks that are being developed.

Study programs

- (1) Teaching and Translation study program of Russian Language
- (2) Russian Language



Teaching and Translation study program of Russian Language - (studies of the first cycle in the period of three years)

Academic titles: *Professor of Russian Language 180 ECTS (Prof. Russ.Phil.)*

Year of study		
I	II	III
<ol style="list-style-type: none"> 1. Philosophy of life (academic skills), 2. General linguistics, 3. Russian language (1) <ul style="list-style-type: none"> • Phonetics of the Russian language (1) • Fundamentals of Russian grammar (1) • Practical exercises in the Russian language (1) – elementary course (speaking exercises + text analysis + translation in both languages) • Practical exercises in the Russian language (1) – pre-intermediate course (speaking exercises + text analysis + writing exercises + translation in both languages), 4. Introduction to Slavic studies, 5. First foreign (Western European) language (elementary course), 6. Russian language (1) <ul style="list-style-type: none"> • Phonetics of the Russian language (2) • Fundamentals of Russian grammar (2) • Practical exercises in the Russian language (1) – intermediate course (speaking exercises + lexical exercises/translation in both languages + writing exercises), 7. Theory and techniques of translation (1) – general context, 8. Russian civilization and culture, 9. Practical exercises in translation (1), 10. First foreign (Western European) language (advanced course) 	<ol style="list-style-type: none"> 1. Russian language (2) <ul style="list-style-type: none"> • Morphology of the Russian language (1) • Practical exercises in the Russian language (2) – intermediate course (speaking exercises + lexical exercises/translation in both languages +writing exercises), 2. Theory and techniques of translation (1) – business context, 3. Overview of Russian literature of the 19th and 20th century, 4. Standard Serbian language (1) 5. Second Slavic language (1) 6. Second foreign (Western European) language (pre-intermediate course), 7. Russian language (2) <ul style="list-style-type: none"> • Morphology of the Russian language (2) • Practical exercises in the Russian language (2) – upper-intermediate course (speaking exercises + lexical exercises/translation in both languages +writing exercises), 8. Theory and techniques of translation (3) – professional and technological context, 9. Communicology, 10. Contemporary Serbian language (2), 11. Practical exercises in translation (2), 12. Simultaneous and consecutive interpreting (1) 	<ol style="list-style-type: none"> 1. Russian language (3) <ul style="list-style-type: none"> • Syntax of the Russian language (1) • Practical exercises in the Russian language (3) – advanced course (speaking exercises + lexical exercises/translation in both languages +writing exercises), 2. Contemporary pedagogy, 3. Informatics and computer technology, 4. Russian business communication, 5. Revision and proofreading of texts, 6. Russian language (3) <ul style="list-style-type: none"> • Syntax of the Russian language (2) • Practical exercises in the Russian language (4) – advanced course (speaking exercises + lexical exercises/translation in both languages +writing exercises), 7. Stylistics of art literature, 8. Methodology of teaching Russian language, 9. Literary translation, 10. Simultaneous and consecutive interpreting (2), 11. Program of elective subjects, 12. Program of elective subjects (demonstration classes/pedagogical practice)

Academic titles are standardized by the act "The nomenclature of professional, academic and scientific titles", in accordance with the legal regulations for this area. The curriculum is approved by the University Senate.

Students who have completed a three-year study of the study program "Teaching and Translation of Russian language" have the possibility to continue their studies in the fourth year of the study program "Russian Language" and to obtain the academic title "Teacher of Russian Language and Literature" - 240 ECTS (secondary school teacher).

Upon completion of studies, students can successfully position themselves in the labor market: in the oil industry, corporate systems, monitoring and inspection services, professional institutions, cultural institutions, design offices, insurance companies, and in elementary schools (Teaching and Translation study program). Among individual professions, court interpreters and international correspondents dominate.

Russian Language - (studies of the first cycle in the period of four years)

Academic titles: *Professor of Russian Language and Literature 240 ECTS*

Academic titles: *Teacher of Russian Language and Literature - Interpreter 240 ECTS (Prof.Russ.Phil.&Litt.)*

Year of study				
I	II	III	IV	IV
<ol style="list-style-type: none"> 1. Philosophy of life (academic skills), 2. General linguistics, 3. Russian language (1) <ul style="list-style-type: none"> • Phonetics of the Russian language (1) • Fundamentals of Russian grammar (1) • Practical exercises in the Russian language (1) – elementary course • Practical exercises in the Russian language (1) – pre-intermediate course, 4. Introduction to Slavic studies, 5. First foreign (Western European) language (elementary course), 6. Russian language (1) <ul style="list-style-type: none"> • Phonetics of the Russian language (2) • Fundamentals of Russian grammar (2) • Practical exercises in the Russian language (1) – intermediate course 7. Slavic studies, 8. Russian civilization and culture (1), 9. Old Russian literature to the 18th century, 10. First foreign (Western European) language (advanced course). 	<ol style="list-style-type: none"> 1. Russian language (2) <ul style="list-style-type: none"> • Morphology of the Russian language (1) • Practical exercises in the Russian language (2) – intermediate course 2. Russian civilization and culture (2), 3. Russian literature of the 19th century (1), 4. Contemporary Serbian language (1), 5. Second Slavic language (1) 6. Second foreign (Western European) language (elementary course), 7. Russian language (2) <ul style="list-style-type: none"> • Morphology of the Russian language (2) • Practical exercises in the Russian language (2) – upper-intermediate course, 8. Russian literature of the 19th century (2), 9. Communicology, 10. Contemporary Serbian language (2), 11. Second Slavic language (2) 12. Second foreign (Western European) language (pre-intermediate course). 	<ol style="list-style-type: none"> 1. Russian language (3) <ul style="list-style-type: none"> • Syntax of the Russian language (1) • Practical exercises in the Russian language (3) advanced course, 2. Russian literature of the 20th century (1), 3. Informatics and computer technology, 4. Old Slavic language (1), 5. Second Slavic language (3), 6. Russian language (3) <ul style="list-style-type: none"> • Syntax of the Russian language (2) • Practical exercises in the Russian language (4) – advanced course, 7. History of the Russian language (1), 8. Old Slavic language (2), 9. Second Slavic language (4), 10. Contemporary pedagogy, 11. Program of elective subjects. 	<ol style="list-style-type: none"> 1. Russian language (4) <ul style="list-style-type: none"> • Stylistics of the Russian language • Speaking exercises of the Russian language (1), 2. History of the Russian language (2), 3. Russian literature – Russian drama, 4. Methodology of teaching Russian language, 5. Teaching practice – demonstration classes, 6. Russian language (4) <ul style="list-style-type: none"> • Stylistics of art literature • Lexicology and phraseology of the Russian language, 7. Pedagogical psychology, 8. Didactic systems, 9. Professional practice – studying in Russia, 10. Program of elective subjects, 11. Graduate/specialist thesis 	<ol style="list-style-type: none"> 1. Russian language (4) <ul style="list-style-type: none"> • Stylistics of the Russian language • Speaking exercises of the Russian language (1), 2. History of the Russian language (2), 3. Russian literature – Russian drama, 4. Confrontational grammar of the Russian and Serbian language, 5. Russian business communication (1), 6. Theory of translation, 7. Russian language (4) <ul style="list-style-type: none"> • Stylistics of art literature • Lexicology and phraseology of the Russian language, 8. Comparative Russian-Serbian versification, 9. Russian business communication (2), 10. Poetics of literary translation, 11. Professional practice – studying in Russia, 12. Program of elective subjects, 13. Graduate/specialist thesis.

Students acquire knowledge at a level that allows active use of the Russian language, the use of scientific literature in Russian and in some other Slavic languages, understanding and interpretation of literary texts. Students also develop the ability to link knowledge gained in the field of Russian disciplines, as a narrow scientific field, to a wider social and cultural context, and create critical thinking on the problems in this area.

In addition to the above mentioned, students of both study programs will have the following competences:

- ♦ ability of continuous improvement of the general level of the Russian language usage, in written and oral form;
- ♦ gaining universal habits of translating;
- ♦ studying translation strategies and models;
- ♦ active practical application of the theoretical knowledge acquired in the field of cross-language and cross-cultural communication;
- ♦ working with special terminology and expanding of terminology apparatus in a specific professional area;
- ♦ practical work with texts from a particular narrow profession;
- ♦ improvement of the skills in the usage of the Russian language in different language (functional) styles.

Students of the Teaching and Translation study program master the latest translation technologies, information technologies in the service of translation, acquire professional skills of interpreting and translation.

The program further allows to apply the knowledge gained in working with different types of text, its translation and editing, to acquire the skills of simultaneous interpretation, business communication skills in Russian language, and preparation of documentation.

Courses are taught by the professors of the Department of Russian Language and Literature of the College of Philology, Pan-European University "Apeiron", as well as by the highly qualified specialists of the MGU Translation School and St. Petersburg Translation School, with whom the University has signed agreements on long-term cooperation, experts in the field of theory and practice of translation with personal experience in the field of interpreting and translation, i.e. scientific-technical, socio-political, and literary translation. Our professors in the Department of Russian Language and Literature have been cooperating for many years with the MGU Translation School, since their establishment in 2005, and every year, they participate in international conferences on translation, organized by this school.

Pan-European University "Apeiron" has signed an agreement on educational, scientific, and academic cooperation with the prestigious "LOMONOSOV" Moscow State University.

*Electronic textbooks are provided for most subjects, except the textbooks that are being developed.



Academic studies of the first cycle

- a/ Bachelor degree of the first cycle of studies in the period of 3 years (6 semesters) – 180 ECTS
 - 1. **Bachelor of Traffic Engineering – BTE - 180 ECTS** (Bachelor of Traffic Engineering - BTE)
- b/ Studies of the first cycle in the period of 4 years (8 semesters) - 240 ECTS
 - 1. **Bachelor of Traffic Engineering – 240 ECTS** (Bachelor of Traffic Engineering – specialist in Road and City Transport (BTE spec. in road & city transport))

Descriptors of the first cycle of the Traffic Engineering studies

By mastering the study program, students gain a thorough knowledge and understanding of the engineering disciplines in the traffic and transport field, as well as the ability to solve practical problems using scientific methods and procedures. Given the interdisciplinary nature of the study program, the ability to incorporate basic knowledge from various fields and apply it is extremely important.

“Traffic and Transportation” graduates are able to properly put together and present the results of their work. Competence of graduates of the study program “Traffic and Transportation”, or “Traffic Engineer”, is reflected in the ability and willingness to work independently:

In the area of “Traffic planning, designing and managing”

- mobility planning and its consequences,
- analysis and monitoring of the sources and travel destination,
- analysis of traffic flows and the determination of the capacity of roads,
- designing traffic signals and traffic management systems,
- operational work in the regulation and traffic management,
- solving the traffic problems in urban areas.

In the area of “Traffic safety”

- collecting, processing and analyzing crash data,
- expertise of accidents,
- damage assessment,
- prevention of accidents,
- analysis of driver training,
- proposing measures and actions to increase traffic safety.

In the area of “Technology and logistics”

- collecting and processing data on passenger and trade flows,
- defining organizational activities within passenger and cargo transport,
- vehicle selection and determination of the cargo transport itinerary,
- defining the routes and the number of lines in passenger traffic,
- organization of work and management in the public transport companies,
- tracking of exploitation indicators of drivers and vehicles,
- monitoring costs and productivity increase, efficiency and profitability of transport companies,
- operational activities in transport companies.

In the area of “Freight forwarding, logistics and combined transport systems”

- monitoring and forming of commodity flows within the international monitoring and forming of commodity flows within the international commodity trade,
- organization of cargo transport services for third parties,
- transport organization using modern technology of combined transport,
- organizing and establishing logistic chains,
- defining and organizing supply chains,
- organization of work in the shipping centers,
- organization and management of warehouses and storage trans-shipment machinery.

In addition to the fundamental competencies that characterize transportation profession, we should emphasize the importance of a multidisciplinary study program in terms of working in the public sectors (ministries, local governments, public companies). Traffic engineers, possessing quality knowledge gained from many different fields of engineering, and who are trained to approach the problems analytically and deductively draw conclusions, with developed abilities to work in teams, represent a vital cohesion factor of the government agencies responsible for regional and urban planning, architecture and transport infrastructure. Students are trained to design, organize and manage transport systems. During the studies, student gains the ability to conduct experiments independently, statistical analysis of the obtained data and to formulate and make appropriate business, technical/technological decisions. “Traffic and Transportation” graduates gain knowledge on how to cost-effectively use natural resources in accordance with the principles of sustainable development. Special attention is given to developing skills for teamwork and the development of professional ethics.

Traffic & Transportation Engineering - (studies of the first cycle in the period of three and four years)

Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Mundology, • Philosophy of life (academic skills), • Statistical methods (in engineering), • Higher mathematics (general course), • Foreign language – level I, • Program of elective subjects, • Higher mathematics (advanced course), • CAD – with basics of technical drawing, • Physics, • Fundamentals of road traffic and transport, • Foreign language – level II 	<ul style="list-style-type: none"> • Fundamentals of mechanical engineering, • Fundamentals of traffic safety, • Operational research in industrial engineering, • Technology management, • Fundamentals of electrical engineering and electronics, • Transport properties of goods, • Theory of traffic flow, • Prevention in traffic, • Country and city roads, • Vehicle dynamics, • Program of elective subjects 	<ul style="list-style-type: none"> • Fundamentals of theory of systems and control, • Informatics and computer technology, • Transport of passengers, • Motor vehicles, • Traffic law, • Organization and technology of road traffic, • Traffic regulation and management, • Transport planning, • VOC, • Entrepreneurship and entrepreneurial economy, • Program of elective subjects 	<ul style="list-style-type: none"> • Strategy of traffic safety, • Shipping, • Maintenance of motor vehicles, • Decision theory, • Application of computer technologies in road traffic, • Laboratory exercises or work practice, • Expertise of traffic accidents, • Multimodal systems of passenger transport, • Fundamentals of traffic design, • Integrated transport, • Quantitative methods and models, • Graduate/specialist thesis

Original program of elective subjects of the Traffic & Transportation Engineering College:

Elements of transportation means and equipment/Fundamentals of engineering economics in traffic/Strategies and tactics in traffic planning/Traffic psychology/Parking and parking lots/IC engines/Transshipment logistics/Traffic terminals/Technology of waterway traffic/Technology of railway traffic/Laboratory exercises or practice in industry - in the field of traffic.

Academic titles are standardized by the act “The nomenclature of professional, academic and scientific titles”, in accordance with the legal regulations for this area. The curriculum is approved by the University Senate.

*Electronic textbooks are provided for most subjects, except the textbooks that are being developed.

LICENSED ACADEMIC STUDIES OF THE SECOND CYCLE

(regular/extraordinary studies) of study programs

▶ COLLEGE OF MODERN MANAGEMENT

Business Administration and Entrepreneurship • Academic titles - Master of Business Administration and Entrepreneurship - 300 ECTS (one-year and two-year master's studies)

(Fields: Corporate entrepreneurship; Strategic management and geopolitics; Project and investment management; Small enterprises and micro-credits; Transitional re-engineering; International marketing management; Conflict and crisis management; Standardization and quality management; Technology forecasting and innovative entrepreneurship; Team development and communication skills; Environmental management and sustainable development,...)

Banking, Finance and Trade Management • Academic titles - Master of Banking, Finance and Trade Management - 300 ECTS (one-year and two-year master's studies)

(Fields: Bank marketing management; Export and trade management; Management of freight forwarding, logistics, and insurance; Tourism and hotel management; Tax management, market business audit and control; Stock market and portfolio management,...)

▶ COLLEGE OF INFORMATION TECHNOLOGIES

Information Technology Engineering • Academic titles - Master of Computer Science and Information Technologies - 300 ECTS (one-year and two-year master's studies)

(Fields: Information system design and development; Information system management of public administration; Computer network administration and management; Software engineering, Electronic business (e-commerce, e-banking, e-marketing); Computer graphics and design; WEB programming and design, Information management; IS Security management – crypto & cyber protection; Computer system architecture, organization, and maintenance; Expert systems,...)

▶ LAW COLLEGE

General Law study program • Academic titles - Master of Law - 300 ECTS (one-year and two-year master's studies)

(Fields: Economic/civil law; Judicial/criminal law; Forensic/criminal law; General/international law; Communitarian/European law; Case/American law; Administrative law; Labor/social law; Constitutional/political law; Theoretical/historical law; Legal information technology and documentary; Team development and communication skills; Human resource development and public relations; Conflict and crisis management,...)

▶ COLLEGE OF HEALTH SCIENCES

Health Care and Nursing • Academic titles - Master of Health Care and Nursing - 300 ECTS (one-year and two-year master's studies)

(Fields: Intensive medical and urgent care; Nutrition and dietetics; Infectology care; Internal medicine patients care; Pediatric care; Surgical patients care; Surgical instrument assistant; Geriatric care; Obstetric-gynecological care; Primary medical care and family medicine; Oncology patients care; Psychiatric patients care; Neurology care; Ophthalmology care; Radiological engineering; Anesthesiologist assistant; Dental assistant,...)

Sanitary Engineering • Academic titles - Master of Sanitary Engineering - 300 ECTS (one-year and two-year master's studies)

(Fields: Nutrition and dietetics; Environmental engineering; Sanitary technology and water management; Sanitary technology and food management; Sanitary management and air management; Sanitary technology and waste management; Sanitary and environmental legislation and supervision,...)

Health Care Management • Academic titles - Master of Health Care Management – 300 ECTS-credits (one-year and two-year master's studies)

(Fields: Specialist study in public health and health care; Clinical and hospital institutions management; Portfolio management of health funds and insurances; Team development and communication skills in health care; Human resource management and public relations; Medical informatics and documentary,...)

▶ COLLEGE OF SPORT SCIENCES

Sport in Target Groups • Academic titles - Master of Sports Science - 300 ECTS-credits (one-year studies)

(Fields: Health sport, Recreational sport, Fitness, Sport of target groups (children, elderly people, disabled people, etc.), Therapeutic sport, Wellness, Sport tourism, Extreme sports, Theory of a selected branch of sport, Sport strategy and tactics, Theory of games, Training science, Diagnostics in sport, Physical preparation in selected branches of sport, Didactics and methodology of sport, Theory and practice of competition, etc.)

Sports Management • Academic titles - Master of Sports Management - 300 ECTS-credits (one-year and two-year master's studies)

(Fields: Phenomenology and sociology of sport, Law and ethics in sport, Social history of physical activities and sports, Sports informatics and statistics, Functional anatomy, Physiology of sports activities, Biomechanics, Anthropometrics, Economics of sports organizations, Sports marketing, Psychology of sport, Pedagogy of sport, Didactics of sports training, Financial, strategic, and conflict management in sport and management of sports events and facilities, Sport strategy and tactics, Theory of games, Training science, Didactics and methodology of sport, Theory and practice of competition, Health sport, Recreational and entertainment sport, Sport of target groups (children, elderly people, disabled people, etc.), Therapeutic sport, Wellness, Sport tourism, Extreme sports, and other forms of group exercise).

Any person who has completed a four-year study program of the first cycle (240 ECTS-credits or equivalent) may apply for admission to the studies of the second cycle. The duration of studies is two semesters, i.e. one academic year (60 ECTS-credits).

Candidates who have completed a three-year study program of the first cycle (180 ECTS-credits) may also enroll in the studies of the second cycle, but in this case the duration of studies is four semesters, i.e. two academic years – 120 ECTS-credits (in the study program Sport in target groups may enroll only candidates who have completed a four-year study program of the first cycle – 240 ECTS-credits or equivalent).

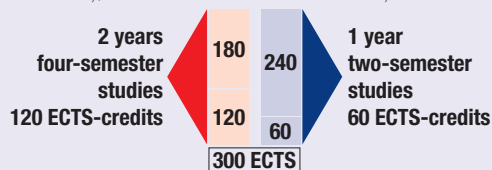
Students who have completed the studies of the second cycle and acquired a minimum of 300 ECTS-credits, and have written and defended the final thesis, are awarded the title of "master" in a selected field of science, depending on the legal provisions governing the use of academic titles and the attainment of scientific and professional titles.

→ TYPE OF STUDY

Studies of the second cycle are individual studies, designed to suit the students. They are based on mentor support, instructional and consultative teaching, and scientific and research projects.

Studies of the second cycle are organized in the period of:

- two years, as four-semester studies with 120 ECTS-credits (for students who have completed a three-year study program of the first cycle with 180 ECTS-credits);
- one year, as two-semester studies with 60 ECTS-credits (for students who have completed a four-year study program of the first cycle with 240 ECTS-credits).

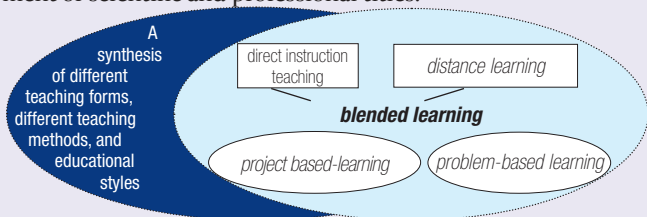


the total sum of ECTS-credits after completing the studies of the first and second cycle is 300 ECTS-credits.

Studies of the second cycle at the University are a combination of the interactive dialogue system of education and mentor support.

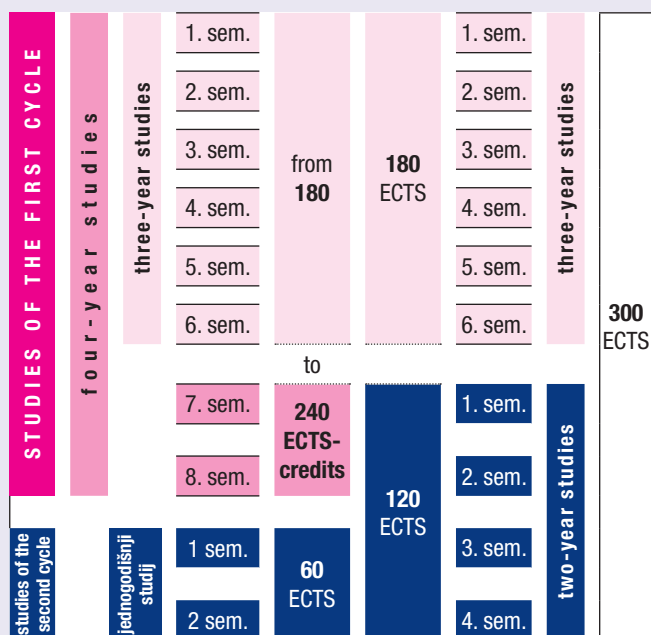
→ ACADEMIC TITLES

Students who have completed the studies of the second cycle and acquired a minimum of 300 ECTS-credits, and have written and defended the final thesis, are awarded the title of “master” in a selected field of science, depending on the legal provisions governing the use of academic titles and the attainment of scientific and professional titles.



→ ADMISSION TO THE STUDIES OF THE SECOND CYCLE

Any person who has completed a three-year or a four-year study program of the first cycle may apply for admission to the studies of the second cycle.



Depending on the scientific field of the first-cycle study program a student has completed, there are three options when enrolling in a second-cycle study program:

- If the studies of the first and the second cycle are from the same scientific field, the student will be enrolled without any additional pedagogical obligations.
- If the scientific field of the first-cycle studies is only partially compatible with the scientific field of the second-cycle stud-

ies, the student will have a differential program to compensate the missing competencies. The content of the differential program is determined by the Commission for the recognition of exams and the evaluation of study programs. The differential program may not have more than 60 ECTS-credits.

- If the scientific fields of the first and second-cycle studies are not compatible at all, the enrollment depends on the specifics of the basic scientific field of the study program, as follows:

College of Modern Management	Business Administration and Entrepreneurship	The enrollment is possible for graduate students from incompatible study programs, provided that they attend a two-year master's program in which the first year of the master's program is actually the fourth year of a first-cycle study program. In the second (final) year of study, the elective program may be replaced by a differential program.
	Banking, Finance, and Trade Management	
Law College	General Law study program	The enrollment is not possible for students from incompatible study programs.
College of Information Technologies	Information Technology Engineering	The enrollment is possible for students who have completed a first-cycle study program in the field of “natural sciences” and “engineering and technology”, provided that they attend a two-year master's program in which the first year of the master's program is actually the fourth year of a first-cycle study program. In the second (final) year of study, the elective program may be replaced by a differential program.
College of Health Care and Nursing	Health Care and Nursing	The enrollment is not possible for students from incompatible study programs.
	Sanitary Engineering	
	Health Care Management	
College of Sport Sciences	Sports Management	The enrollment is possible for students who have completed a first-cycle study program in the field of medical and healthcare sciences, provided that they attend a two-year master's program in which the first year of the master's program is actually the fourth year of a first-cycle study program. In the second (final) year of study, the elective program may be replaced by a differential program.
	Sport in target groups	The enrollment is possible for students who have completed a first-cycle study program in the field of medical and healthcare sciences with a differential program.

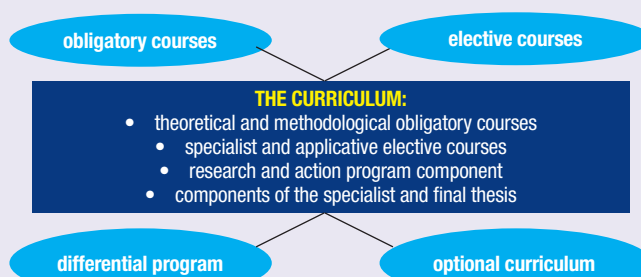
→ CURRICULUM

The curriculum of the final year of master's studies takes into account the results of previous formal education completed by the candidate, the results of other educational and cognitive experiences in the context of informal education the candidate had, and practical experience and knowledge they gained through their lifelong working and creative engagement.

The curriculum of the final year of a second-cycle study program is reviewed and adopted by the Teaching and Scientific Council of the College, separately for each student.

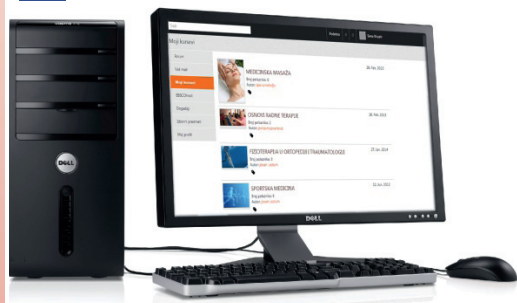
If the courses from a personal curriculum are carried out in the framework of another study program, or a first-cycle study program, or within the elective courses adopted at the University for the current academic year, the student is free to join the classes and the work of interdisciplinary student groups. Students study these subjects at advanced level, and discuss all the important subject-related matters with the course lecturer, other teachers, and their mentor.

The curriculum of the second-cycle studies:



LEARNING CUBES 4.0

Distance Learning System



REDUCE YOUR COLLEGE COSTS

Since the school year 2015/2016, access to the distance learning system is free, i.e. it is included in the tuition costs (electronic books, recorded lectures, audio recordings, electronic presentations of teaching content, video clips, access to licensed databases, etc.)

All students of Pan-European University "APEIRON" have full access to the distance learning system. Each student receives user data to access the multimedia content relating to subjects they have.

All content within the system is logically organized which allows easy use and satisfaction at work. Distance learning system Learning Cubes 4.0 reduces students' travel costs, provides access to textbooks and presentations as well as flexibility of learning in every respect.

Distance learning system Learning Cubes 4.0 is an upgrade of classroom teaching, be it classical teaching or teaching supported by ICT and computer multimedia, with the aim of enriching knowledge in a new and interesting way by giving the user the option of complete control to manage multimedia content published within the distance learning system.

About 10,000 hours of video recordings of different teaching activities have already been published within the distance learning system!

Distance learning is an imperative of the modern educational system which should provide life-long learning (Bologna principle of »life-long learning«) and represent an educational support to modern post-industrial knowledge society, which in that way grows into learning society. When a student completes the first part of studies and takes over any kind of social function (work, family, political, socio-cultural and other responsibilities), he/she can no longer upgrade his/her knowledge in a traditional way „from the classroom“, and during the life career he/she will have constant educational needs. The only way to reconcile this apparent contradiction (modern educational needs and traditional educational methods and forms) is through flexible educational models, which apart from traditional methods of learning also include distance learning and informal models of education. In the USA, all accredited higher education institutions offer distance education as a legitimate form of study.

Distance learning is, according to the Law on Higher Education of the Republic of Srpska (Article 34 of the Official Gazette of the Republic of Srpska, No. 73/10), defined as a teaching method, i.e. as a method of performing teaching and studying process which can actually be applied to regular and extraordinary studies. With this approach of the Ministry of Education and Culture of the Republic of Srpska, the elements of distance learning, as methodological forms, are enabled at full capacity also to regular students.

Vodeće uloge u imunim reakcijama imaju sistemi:

- **B limfocita**, koji se naziva **humoralnim** imunitetom (od lat. humor-tečnost),
- **T ćelijski sistem**-koji se naziva **celularnim** imunitetom (od lat.cellula-ćelija)i
- **HLA** (od eng. human leucocyte antigens) **sistem** koji je poznat i **kao sistem MHC** (od engl. main histocompatibility complex) , glavni sistem **histokompatibilnosti**, tj. sistem koji obezbeđuje tkivnu podudarnost.

MHC sistem je genetski diktiran i nije promjenljiv.

Paragraf: Univerzitet APEIRON

Pređavač: Doc. dr. Branislav Mihajlović
Predmet: Epidemiologija
Tema predavanja: Specifični imunitet i modeli bolesti

Materijale je obradila IT laboratorija Univerziteta

PEARSON VUE AUTHORIZED TEST CENTER
CISCO Networking Academy
Microsoft IT Academy Program Member
PROMETRIC TEST CENTER

www.itacademy.ba
www.apelron-unl.eu www.apelron-unl.tv

Pan-European University APEIRON has been running distance learning studies since the academic year 2007/08 based on the decision on eligibility for commencement of work issued by Ministry of Education and Culture of the Republic of Srpska No. 07.2-4777/07 from 01/08/2007, and license issued by Ministry of Education and Culture of the Republic of Srpska No. 07.2-9624/07 from 28/12/2007. Pan-European University has been also issued with a special license for running distance learning studies by Ministry of Education and Culture of the Republic of Srpska No. 07.2-9624-1/07

from 28/12/2007.

Therefore, Pan-European University, by defining its mission and perceiving trends in the development of modern society, set as one of its strategic goals development and implementation of distance learning. In order to achieve credibility of distance learning in conditions of misunderstanding by traditional academia and legitimize this form of education, Pan-European University has invested considerable personnel, logistics, research, material and financial resources in the development of this model of studies. At the Pan-European University, the teaching process in the distance learning system is organized as a kind of synthesis of traditional educational forms, innovated in the form of interactive teaching, and modern educational forms of distance learning, technologically strongly supported by ICT.

All Pan-European University students have open active accounts for access to a protected WEB distance learning module, which enables them to effectively prepare for the exams by using appropriate learning sources placed through the system.

The recourses of distance learning system are available to all students regardless of the form, type, level, and place of studying.

a/ material support in the distance learning system:

At the Pan-European University, all classrooms, both in the headquarters and in licensed University departments, are digitized and equipped with multimedia equipment for the acquisition of digital content, and professional teleconferencing, i.e. telecommunications equipment, which enables the use of modern methods of distance learning teaching process. Laboratory for Information/Communication Technology is specially equipped for the development and

maintenance of Internet service introduced at the University, and for the development of multimedia applications and information-safety system.

At the Pan-European University, an integral university information system has been introduced, and information system of distance learning support. University "APEIRON" is the Microsoft IT Academy Platinum Pro partner in the area of education and implementation of Microsoft technology, and also a licensed test center in the world systems "Prometric" and "Pearson Vue".

b/ logistic support:

All lectures, exams, and other educational activities, including the educational activities performed in classrooms, clinics, or outside (for example some activities in sports science), are recorded, digitally processed at the Laboratory of information and communication technologies, and then optimized for distribution in the system of distance learning and for control functions.

In order to provide a textbook support in the system of distance learning, University "APEIRON", as a licensed publisher and through a network of agreements on the protection of copyright in their own publications, has provided all textbooks, presentations, and other written sources in electronic form, and published them in writing and in electronic form of web publications.

Through mobile computing platforms (tablets and smart phones), or the so-called smart TV, each student who is active in the distance learning system of education has access to the following:

- Video recordings of all held lectures, and recordings of all lessons and other teaching activities for each individual subject including presentations which were used during the teaching activities in a single timeline;
- Audio recordings, i.e. audio extracts from recorded lectures;
- Textbooks which are used for the analysis of subjects in hypertext electronic form and PDF format;
- All other sources in written form which are used in subject analysis are available in the electronic form;
- Electronic presentations of all teaching content;
- Audio version of the majority of textbooks in the form of so called audio-books;
- Video clips, animations, a series of photographs and slides in electronic form which are used as additional teaching resources;
- Access to licensed databases, scientific periodicals, and access to licensed study databases to which the Pan-European University is subscribed;

c/ organization of the teaching process in the distance learning system

In remote locations, teaching in the distance learning system is provided by the projections of all lectures which are recorded in the Pan-European University headquarters, according to designated and published schedule. Also, students are able to individually follow all lectures at any time over the Internet, via secured distance learning WEB module, which allows watching of all lectures many times again. Recorded lectures and presentations for each individual subject are available to students via optic media, DVD respectively. Students access teaching resources in the distance learning system via a secured distance learning module on the University website. In this way, students have access to electronic books (published in HTML and PDF format), electronic presentations developed by subjects, as well as lectures that are recorded for each subject and teaching block, lesson respectively. Students also have access to the textbooks in the form of audio-books, which can be accessed via Internet site of the distance learning system.

Professors perform written consultations with students via e-mail. Every professor and student has an open e-mailbox within the University information system. Professors are obliged to conduct dedicated electronic correspondence with students in the form of brief consultations and operative answers to the questions.

In the distance learning system, students are provided over the weekend (on Friday afternoons and Saturdays) with a direct contact study performed by responsible professors and other employed academic staff in the scope of no less than one-third of the contact study for



regular students, and direct or on-line video consultations in the scope of 6 lessons. Classes held for regular students are broad-casted from the University headquarters to all licensed Pan-European University departments over the Internet. Since the broadcast is being performed with the equipment for professional teleconferencing, in this way, full participation and interaction is provided to students in remote locations.

Practical classes, laboratory, clinic, sports and work practice are organized for students in the distance learning system in institutions and organizations with which the University has signed agreements on business, technical and academic cooperation, and whose allocation corresponds to the distribution of residence of students studying in the distance learning regime. Students, for whom, practical, laboratory and clinic classes cannot be provided, the realization of these program facilities in a condensed form is enabled at the institutions of the Pan-European University immediate surroundings in the framework of dedicated winter and/or summer seminar/campus which is organized for a period of 7-14 days.

d/ exam activities in the distance learning system

In the distance learning system, oral exams are being held directly at the university headquarters during the weekend, or in licensed University departments. Oral exams are also being held via teleconferencing from the headquarters in Banja Luka to licensed University departments. Exam conditions at remote locations are controlled by responsible teaching staff or authorized person – so called "proctor" who create the appropriate protocol, i.e. record of exam.

Written exam or pre-exam activities in the form of written or electronic tests, written exams with questions, or micro essays are organized for this category of students both in the University headquarters and in licensed departments. Other written resources for student evaluation such as seminar papers, essays and projects are submitted to the professor responsible for the task of review and evaluation in electronic or written form via Student Service.

Defense of diploma thesis and specialist paper is organized in the headquarters and in licensed departments via teleconferencing. Master Thesis defense is organized exclusively at the Pan-European University headquarters.

→ ACADEMIC ELECTRONIC SERVICES

Students can use the following academic electronic services developed in the framework of an integrated information system of Pan-European University:

- Recourses of the distance learning system
- WEB teleconferencing, e-consultations, and online courses
- Interactive and collaborative (group) "online" learning
- Advanced forms of multimedia communication of students by using Apeiron WEB services
- E-library with internet access to all the content of electronic books
- Access to the world's leading databases of scientific journals and e-books
- Apeiron webmail – electronic post system (e-mail)
- Apeiron WEB notice board
- E-document – system of electronic records
- University FAQ service
- WEB electronic exam application
- Electronic versions of mandatory surveys conducted at Pan-European University
- Forums within the LMS distance learning system of Pan-European University
- Recourses of the University Career Guidance Center
- Apeiron educational internet TV channel
- Access to a larger number of other academic services developed in WEB electronic form

Students, teachers, and administrative staff can use all the applications from the Microsoft Office 365 package, which allows free use of the Microsoft e-mail service, editing and storage of documents online, web conferences and document sharing, which has further intensified communication and increased the productivity of the academic process.

Study outside the headquarters



LEGAL BASIS

Pan-European University possesses a license to perform the studies of the first cycle of the following study programs: Business Administration and Entrepreneurship; Banking, Finance and Trade Management; General Law; and Information Technology Engineering outside the headquarters, in Bijeljina and Novi Grad departments.

Pan-European University is also the founder of the Higher Vocational School for Market Communications in Belgrade, accredited in the Republic of Serbia under the number: 612-00-00657/2013-04 from 8/11/2013, which performs accredited study programs: Propaganda and Public Relations; Translation Studies of the English Language; Internet Technologies and Electronic Business; and Advertising and Public Relations (specialist studies). This Higher Vocational School is also the study support center for Pan-European University students in Serbia.

Pan-European University has a study support center for students in Dobo.

In accordance with the Law on Higher Education of the Republic of Srpska, Pan-European University has, by the University Statute, Regulations on the studies of the first and second cycle, Regulations on the evaluation and achievements of students, Regulations on virtual studies and distance learning, closely defined the method of teaching and the system of evaluation (grading) both in regular and extraordinary studies, i.e. the methodology of performing distance learning.

All students of the Pan-European University are formally and legally enrolled at the Pan-European University as an integral university. Colleges, departments and internet centers are not legal entities, but organizational facilities; therefore, the formal admission of students into appropriate study programs is being done at the university with its headquarters in Banja Luka. The Register of enrolled students is kept in the University

headquarters in Banja Luka. Students receive Pan-European University diplomas indicating the study program they have completed at the appropriate college, and without referencing the location where the teaching process took place.

SUPPORT FOR STUDENTS WHO STUDY OUTSIDE THE UNIVERSITY HEADQUARTERS

Licensed University departments enable the organization of the teaching process outside the headquarters at full capacity in study programs for which the work permit in those departments has been issued. Departments, i.e. internet centers at the same time can (and must) provide appropriate information, communication, professional, consulting, logistic and administrative support to all students from a geographic area covered by the department (internet center) regardless of the enrolled study program:

a/ administrative and technical support:

- Information and technical support upon enrollment at all study programs in providing information, referring of admission, technical, educational and marketing material related to the registration and collection of students' applications, marketing support in organizing and performing of marketing campaigns related to admission for all study programs;
- Receipt of all written students' submissions and their sending to the headquarters, and providing feedback to the applicant;
- Providing information on classes schedules for all study programs in the university headquarters and departments for all student categories, regular, extraordinary and students who use distance learning resources;
- Collection, control and forwarding of students' exam registrations to responsible academic staff;
- Defining lists of students from the area of departments where the classes are performed for extraordinary students and admissions for examinations;
- Providing information related to student services (exam dates, examination results, etc.);
- Organizing and collecting students' surveys.

b/ professional and technical support:

All Pan-European University students are provided, via the department or internet centers, with access to information and educational resources and knowledge bases that are of public property and available on the internet, especially students who do not have adequate broadband high-speed internet, furthermore, students are provided with access to those resources that are not of public property, and to which the Pan-European University is subscribed (such as for example EBSCO academic database of scientific and technical information, articles and other scientific publications to which the Pan-European University is subscribed). The departments, i.e. internet centers, also provide access and effective use of the

Pan-European recourses that are in electronic form published on the Internet by the local Pan-European University network. This includes services (for which is assumed to have broadband Internet access) available to students on the University WEB site, such as electronic bulletin boards, university web mail service, university FAQ service, access to forums and other forms of academic social networks that are organized at the university, access to resources of the University Career Guidance Center, electronic exam registration, e-surveys, Pan-European University e-library services, LMS system services (Learning-Management System) for distance learning, services of the University educational television "Apeiron TV Channel" and others.

Internet centers (in departments or independently organized) are designed to provide multi-functional support to students, which includes not only distance learning support but also support for student projects and student research work. In addition, they provide the following functions:

- Access to the Internet via broadband high-speed connection that provides a fast, efficient, comfortable and quality work on the Internet in terms of content download from the Internet, as well as upload of the queries and results of student work (e.g. sending term papers and other written work via the university Web mail service).
- They also provide a sufficient number of multimedia computer systems that are connected to the local network of the internet center itself. The multimedia features of the computer provide video and audio communication in educational forums and online sessions that are organized at the headquarters of the university and other organizational facilities of the university, direct on-line communication and consultation with professors, professional associates or fellow students in specific interest and work groups of students.
- Additionally, they provide access to other input-output network devices (printers, plotters, scanners) and other electronic equipment that is installed in the local network of the departments, thus creating conditions for free support to all Pan-European University students in printing and scanning of documents, working with computer graphics, doing seminar and other student papers, research activities and student practice.
- Internet centers are designed to enable group, collaborative and traditional individual studying, because in addition to computer equipment they are equipped as standard academic libraries. Each center is equipped as a branch library of the Pan-European University.
- Internet centers provide students with a direct insight into a part of the teaching process that takes place at the Pan-European University via on-line teleconferencing, as well as a direct insight into the teaching process that takes place at the Pan-European University headquarters, and is broadcasted via video streaming. This service especially refers to students who do not have adequate access to high speed broadband Internet.
- Internet centers are fully equipped with all



the necessary audio equipment, video projection and tele-conferencing equipment. Within the Pan-European University internet centers responsible for distance learning support, a certain professional and educational support is provided to all students, regardless of their enrolled study program.

(1) Studying, individual and group work of students

- Individual studying via the Internet, access to the Pan-European University distance learning system and other knowledge bases and educational resources on the Internet;
- Individual studying by means of written sources and printed books in the Internet center libraries;
- Group-studying via the Internet within educational internet forums which are, for each subject, i.e. a narrow scientific field, formed in the distance learning system;
- On-line oral and written consultations with the teaching staff and associates;
- Collaborative studying in work groups in the classrooms of the Internet Centre;
- All forms of student practice and research projects that require computer, telecommunications and information technology support;

(2) Teaching activities

- In the Internet centers organized in the departments, only consultative, i.e. instructional classes are organized. The classes will not be held for study programs that have a license to be performed at the University headquarters in Banja Luka, and are not licensed in certain departments. Full teaching process for this category of students (extraordinary students) is organized at the University headquarters, on Friday afternoons and during every weekend, to the extent which is not less than one-third of all teaching material that is supplied to regular students.
- Internet centers organized in the departments or independently will provide support to all Pan-European University students in order to gain insight into the teaching process via video streaming or archival projections of lectures held at the Pan-European University in the reading rooms, i.e. regional university library. Furthermore, teleconferencing provides support for participation and active involvement of students in various educational events held at the Pan-European University, such as seminars, scientific conferences, round tables, etc.;
- Internet centers will, if necessary, or upon the request of students organize ad-hoc consultations with mentors, tutors, teaching staff and associates;
- Seminars, conferences, round tables and various forms of educational workshops that are organized in the departments are available to all Pan-European University students;
- Internet centers will also serve as a support for student research projects;

(3) Knowledge evaluation

In the departments' internet centers examinations will be organized for all Pan-European

University students from subjects that have common basics of the study cycle, i.e. common basics of a broader scientific field, and which are held at the Pan-European University (as an integrated university) according to the unique program for all study groups and for which, in the process of teaching and knowledge evaluation specific teaching groups are organized.

Pan-European University will organize examinations outside the headquarters of the university for subjects whose nature requires it, in accordance with the provisions of the Article 46 of the Law of Higher Education, and based on the curriculum of these subjects and in accordance with the University Statutes and Regulations on the evaluation of knowledge



and achievement of students. In certain study programs, a number of clinical and laboratory subjects fall into this category, as well as practice, internships and volunteering, which are also being graded in the ECTS system.

In order to provide effective support to these subjects and students' activities, Pan-European University has concluded appropriate contracts on academic, business and technical cooperation with regional clinical, spa and laboratory facilities, so that students, in this part of their studies, could receive appropriate, close, more efficient and quality support.

- Upon the request of students, internet centers can organize only those knowledge evaluations which are part of students' pre-exam requirements, and which are performed on computers via direct, protected, encrypted and immediate connection to the Pan-European University server system in Banja Luka, and within the standardized software LMS (Learning Management System) package;
- Evaluation activities within students' pre-exam requirements are carried out practically via global computer network in the Pan-European University server system, because every computer of the Internet center is actually a part of the Pan-European University WLAN;
- Evaluation activities within the domain of pre-exam requirements take place in a controlled environment with provided physical and technological protection of the evaluation process using the following instruments;
- Authentication access of each student to any computer system in the Internet center based on the card reader that loads the student card for which an individual PIN code is entered, user name and password of each student;

- Controlled conditions during the evaluation;
- Evaluation tests, questionnaires or other applied forms of students' pre-exam requirements are generated in the server system at the headquarters of the Pan-European University, while computers in the Internet centers actually serve as workstations;
- The communication channel is encrypted and protected by a PKI card system, while the connection channel is encrypted with 1024-bit encryption algorithm, which is used in banking.

University departments, outside the University headquarters, run regular teaching programs and classical exams for study programs that are licensed in these departments.

However, in accordance with legal and statutory student rights, all Pan-European University students, regardless of the enrolled study program, i.e. regional or geographic origin, enjoy certain complex and meaningful support that includes: information, communication, professional, consulting, logistic and administrative support.

All Pan-European University students, especially the extraordinary students, are provided with high-quality, comprehensive and efficient (to a great extent unique) support in the teaching process, based on an integrated mixed model of studying and learning (blended learning) introduced at the Pan-European University, which represents the synthesis of contact teaching, distance learning and mobile education, i.e. the synthesis of various forms of educational content delivery, different teaching methods and styles within which, the problem-based learning, symbiotic learning and project-based learning are preferred.

Internet centers (in departments or independently organized) represent the support for distance learning, individual, group and collaborative student studying, student projects and student research work.

Regional centers take over, in accordance with the Law on Higher Education, a significant part of the above-mentioned support to all students, regardless of the student's enrolled study program or his/her regional background. In the regional center, students can approach to those proficiency tests that are allowed by positive legal and regulatory provisions in accordance with the detailed description from the previous text. Also, the Pan-European University headquarters organizes special education process and examination dates that are by time, term and program features tailored to the needs and abilities of extraordinary students, regardless of their geographic origin.

www.apeiron-uni.eu

E D U C A T I O N S Y S T E M

DOCTORAL STUDIES



MASTER'S STUDIES



Alumna Ltd. – Employment agency

4

YEAR

YEAR

4



3 YEARS



College of Modern Management



Law College



College of Information Technologies



College of Health Care and Nursing



College of Sport Sciences



College of Philology



College for Traffic Engineering

3 YEARS



SECONDARY SCHOOL CENTER
 "GEMIT APEIRON"
 Banja Luka



School of foreign languages

EDUCATION OF ADULTS

REGULAR EDUCATION

retraining, additional training, continuation of education

SECONDARY SCHOOL OF ECONOMICS

GYMNASIUM

SECONDARY MEDICAL SCHOOL

SECONDARY SCHOOL OF ECONOMICS

SECONDARY MEDICAL SCHOOL

Economic technician

Legal technician

General education

Computing and informatics

Sports

Medical technician

Pharmacy technician

Physiotherapy technician

Dental technician

Economic technician

Legal technician

Medical technician

Pharmacy technician

Physiotherapy technician

Dental technician

Sanitary laboratory technician

Cosmetic technician

THE TRAINING PROGRAM FOR NURSING
 ELDERLY AND DISABLED PEOPLE

AGE: FROM 14 TO 18

AGE: 18 AND OLDER

www.apeiron-gemit.org

P R I M A R Y S C H O O L

Quality system

- Maintaining an effective Quality Management System of the Pan-European University "APEIRON" in accordance with international standards ISO 9001:2008, Guidelines for the application of ISO 9001:2008 in education IWA:2, Standards and Guidelines for quality assurance in the European higher education area ESG-ENQA and Criteria for accreditation of higher education institutions in Bosnia and Herzegovina;
- Achieving and maintaining a level of quality that enhances the reputation of the Pan-European University "APEIRON" among our students, public and other interested parties;
- Providing educational-scientific services and the highest quality services in accordance with needs, expectations and abilities of our students and society as a whole;
- Continuously increasing the satisfaction of our students and society as a whole;
- Providing compliance of University's business activities with legal and safety regulations;
- Providing safe and healthy environment for all employees;
- Continuously improving business processes, systems and skills.

The quality objectives are established at all relevant functions and levels within the University.

In order to fulfill its mission, Pan-European University "APEIRON" continuously monitors, analyzes and improves its processes through:

- Feedback analysis;
- Monitoring of teaching process realization;
- Student efficacy analysis;
- Monitoring of service process realization;
- Application of methods and techniques for quality improvement;
- Business plan monitoring and analyzing;
- Conducting internal audits;
- Performing corrective and preventing actions.

In this way, a continuous improvement of the established quality management system is ensured.

→ EXTERNAL EVALUATION OF THE QUALITY SYSTEM

The winner of the Oxford Prize "EUROPEAN QUALITY FOR EDUCATION"



The organization "European Business Assembly" from Oxford has awarded Pan-European University "APEIRON" from Banja Luka with the European award for quality in education at the 48th promotion of awards "Socrates", which is traditionally being awarded annually, during the Summit of leaders in Oxford. Darko Uremović, President of the Management Board, has received the award „United Europe“, which represents the most respected international reward for personal achievements in community development, as well as for personal contribution to the development of European integration.

Pan-European University "APEIRON" has received this award for "... education system that has taken over the best examples of the educational processes of higher education institutions in Europe, and also as an appreciation for professionalism of the teaching staff, the quality of research work and the introduction and implementation of interna-



tional standards and programs ...". The award consists of medal, statue and charter. At the ceremonial awarding, held on 20th June at the Oxford University, this award received LL.M. Siniša Aleksić, Director of the Pan-European University and Darko Uremović, project manager for the development and President of the Management Board. Medals and charters, together with statues that symbolize freedom and European unity, were presented to the Pan-European University representatives by Wil C. Goodheer, Prof. Dr., President of the international university from Vienna and the Club of Rectors of Europe, and John Netting, Director General, Europe Business Assembly and Professor at the Magna Carta College from Oxford.

The international standard of quality

The University introduced the international standard of quality management ISO 9001:2008 in higher education, adult education, scientific research and experimental development. The University is certified by the accreditation body TÜV Rheinland InterCert Kft. on 8th



August 2011 under the number 75 100 50210. Policy of quality realization of the Pan-European University, in the field of higher education, represents a priority of the overall business policy of the institution, and has as its aim a continuous improvement, by meeting the requirements and needs of students, academic and business partners, employees and society as a whole as much as possible.

„WEBOMETRICS“ ranking list

On the influential world ranking list "Webometrics Ranking" (www.webometrics.info), created according to the extent of internet activities of universities and colleges, including more than 20 thousand higher education institutions, Pan-European University "APEIRON" Banja Luka is ranked

**RANKING WEB
OF UNIVERSITIES**

among the best higher education institutions in Bosnia and Herzegovina and neighboring countries. Ranking list included all the information on higher education institutions published on the internet, the number of published teachers' and students' papers on the internet, students' internet activities, dynamic of information displaying, etc. The aim of the ranking list is to evaluate to what extent universities and colleges are active participants in the information society of the 21st century.

→ INTERNAL EVALUATIONS OF THE QUALITY SYSTEM

According to the Standards and Guidelines for quality assurance in the European higher education and Criteria for accreditation of higher education institutions in Bosnia and Herzegovina, the institution conducts continuous processes of self-evaluation and evaluation of the quality of its study programs, teaching processes and customer satisfaction measurement. In order to successfully meet this requirement, in accordance with the procedures for ensuring the quality of higher education institution and self-evaluation criteria, continuous surveys among students



from different areas are being conducted. Therefore, at the Pan-European University, in the system of quality assurance, a set of surveys, conducted among students, has been established and the rules of processing and interpreting survey results have been defined:

- Evaluation of the study program and study organization (the goal of the survey is students' evaluation of their study program as a whole, which contributes to a better planning of changes, curricula improvement and organization of studies in the study program, which, furthermore, contributes to the improvement of the program quality in general, and adaptation of the study programs to the students' needs);
- Evaluation of courses and academic staff (evaluation of courses, that is, of separate program activities contributes to a better planning of changes in the curriculum of a separate course, and furthermore contributes to the improvement of the curricula, while the evaluation of the teaching staff, that was included in the course processing, contributes to an overall consideration of the work quality of the teaching staff, HR policy, and the improvement of human resources of the teaching staff);
- Assessment of services, institution and general conditions of studying (the goal of the survey is, apart from involving students into quality assessment, to gather information on the work of professional-administrative services and define measures for the improvement and upgrade of work);
- Students' psychological profile;
- Motivational and marketing factors for choosing Pan-European University (the goal of the survey is to investigate motivations, views, needs and opinions of students when choosing to enroll at the Pan-European University);
- Market positioning of graduates.

The main objective of the quality system is the assurance that the Pan-European University "APEIRON" ensures the provision of educational services, scientific research activities and non-teaching activities of high quality to its students and all interested parties, respectively. Quality Management System is designed in order to meet the requirements of international standards ISO 9001:2008, following Guidelines IWA:2 for the application of ISO 9001:2008 in education and the standards and guidelines for quality assurance in the European higher education ESG-ENQA.



COLLEGE OF MARKET COMMUNICATIONS

BELGRADE

IN COOPERATION WITH

PAN-EUROPEAN UNIVERSITY

APEIRON
АПЕИРОН

Multidiscipline & Virtual Studies

Banja Luka

Based on the Agreement on academic, scientific-technical and business cooperation, number 1728/10 from 11/8/2010, and the Decision on accreditation of joint study program, number 612-00-00930/2014-04 from 26/12/2014, Higher Vocational School for Market Communications performs accredited study programs in Belgrade and Banja Luka.

Students from Banja Luka (the Republic of Srpska) can attend study programs of Higher Vocational School for Market Communications at the premises of Pan-European University.

"Support to students from Banja Luka, i.e. the Republic of Srpska, enrolled at Higher Vocational School for Market Communications, in terms of performing teaching activities in an extraordinary study and distance learning study, students will be able to realize at Pan-European University "APEIRON" Banja Luka in the form of:

- administrative and technical support (the admission can be done in Banja Luka, and the Student Services provides all required information, help, and services);
- professional and technical support (access to informational and educational resources of Higher Vocational School for Market Communications);
- teaching and testing activities for extraordinary students

Students of Higher Vocational School for Market Communications can during their studies transfer from one study program of Pan-European University to the other, if they are compatible, and by taking exams from a differential program. Students can continue their education (in the fourth year) at Pan-European University, or they can enroll in the studies of a higher cycle.

NOTE: The student registers are kept in the headquarters of Higher Vocational School for Market Communications in Belgrade."

- Work permit issued by the Ministry of Education, Science, and Technological Development of the Republic of Serbia, number 612-00-01134/2014-04 from 14/10/2014
- Decision on accreditation of the study program Propaganda and Public Relations, number 612-00-00657/2013-04 from 13/12/2013
- Decision on accreditation of the study program Translation Studies of the English Language, number 612-00-00516/2012-04 from 13/12/2013
- Decision on accreditation of the study program Advertising and Public Relations, number 612-00-239/2009-04 from 24/6/2011
- Decision on accreditation of the study program Internet Technologies and Electronic Business, number 612-00-00930/2014-04 from 26/12/2014

Higher Vocational School for Market Communications was established in 2005. In 2011, the school changed its founders, so that the current school founders are Pan-European University "APEIRON" and its founders. The mission of this higher education institution is education of young professionals who will deal with public relations, propaganda, internet technologies, electronic business, management, and translation.

The educational program of this Higher vocational school creates a bridge between theory and practice and offers its students a chance to develop interdisciplinary and easily applicable skills for a range of possible professions within the market and communication industries, internet technologies, and electronic business.

The school has three three-year study programs of basic vocational studies: „Propaganda and Public Relations“, „Internet Technologies and Electronic Business“, and „Translation Studies of the English Language“, as well as a one-year program of specialist vocational studies: "Advertising and Public Relations".

**ADMISSION
IS ONGOING!**

*Take the right
step towards
your future*

Information and registration

HIGHER VOCATIONAL SCHOOL FOR MARKET COMMUNICATIONS, address: Palmira Toljatija 5/1, 11070 Belgrade SRB, phone number: Tel: +381 11 267 32 93, +381 11 267 33 15; phone/fax number: +381 11 267 32 92; e-mail: info@stk.edu.rs; **web site: www.stk.edu.rs**

PAN-EUROPEAN UNIVERSITY APEIRON, address: Bosnia and Herzegovina/the Republic of Srpska, Pere Krece 13, Pošt. fah 51, Banja Luka 78102; Student Services: phone number: +387 (0) 51 430 890; 430 892; 247 983; 247 984; fax number: 430 891; WEB mail: info@apeiron-edu.eu; Rector's office: phone number: +387 (0) 51 247 920; fax number: 247 921; e-mail: rektorat@apeiron-edu.eu; University secretary: phone number: +387 (0) 51 247 944; **www.apeiron-uni.eu**

Study program of the basic vocational studies

PROPAGANDA AND PUBLIC RELATIONS

- Vocational Manager – 180 ECTS-credits**
(in the field of Market Communications)

Study program of the specialist vocational studies

ADVERTISING AND PUBLIC RELATIONS

- Vocational Manager Specialist- 60 ECTS-credits**
(in the field of Market Communications)

Scientific field - **Social and humanistic sciences**

Area – **MANAGEMENT AND BUSINESS**



Employment sectors

- Marketing and advertising agencies
- Broadcasting and production companies
- Public relations offices
- Marketing departments in companies
- Media and propaganda agencies
- Offices for corporate communication and image
- Translation and proofreading jobs in public and private sectors
- Information management jobs in English in technology, marketing, and consulting companies
- Translation agencies/departments in national and international organizations
- Managerial jobs in the field of professional translation, proofreading, and business communication in English
- Jobs related to communication in English in the field of high technology, economics, international trade and law at the national and international level

The objective of this study program is education of specialized professionals in the field of propaganda and public relations, industrial advertising, recognizable branding, mass media communications, planning and implementation of media campaigns and related market activities, primarily in order to respond to the demands and interests of the economy and also of the public sector in this extremely important area of market and public communications. That interest is covered with expert and creative knowledge of propaganda, public relations, communication skills, internet and television advertising, corporate communications, graphic design, advertising and PR agencies, and agencies for market research and public opinion.

The basic vocational study program “Propaganda and Public Relations” is designed according to the latest current professional and scientific world standards in this field in order to create experts in the field of modern market and public communications, in which there are not enough well-educated professionals. This study program strives to educate and create vocational managers who will be able to apply in practice this valuable and specific knowledge.

Study program – Propaganda and Public Relations			Specialist study program – Advertising and Public Relations
Academic title: Vocational Manager – 180 ECTS credits			Academic title: Vocational Manager Specialist – 60 ECTS credits
Year of study			
I	II	III	IV
<ul style="list-style-type: none"> • Basics of propaganda and public relations • Information privacy and ethics • History and theory of communication • Marketing basics • Computer technology • Social psychology • Written communication skills in Serbian • Professional practice 1 	<ul style="list-style-type: none"> • Creativity strategy • Corporate communications • Media planning • Elective subjects 2 • Management • Market research methods • Organization and business of advertising agencies • Professional practice 2 	<ul style="list-style-type: none"> • Management of public relations • Managing communications with the press • Television advertising • Elective subjects • Propaganda message visualization: art direction • Marketing campaigns organization 	<ul style="list-style-type: none"> • Advertising: Effects and effectiveness measurement • Module (1) Advertising and public relations in public institutions, security and diplomacy <ul style="list-style-type: none"> – Sponsorship and donations – Formation of the spokesperson and press office – Public and secret diplomacy and lobbying – Official relations and protocol – Strategies of advertising and PR campaigns – Account management – Asset management and customer satisfaction (student selects 4 of 6 courses offered) • Module (2) Advertising of products and services <ul style="list-style-type: none"> – Realization of advertising messages – Branding – Copywriting, Creative concept of propaganda campaigns – Media strategy and planning – Strategy of advertising and PR campaigns – Account management – Asset management and customer satisfaction (student selects 4 of 6 courses offered) • Study research
Elective subjects: Mass media and public opinion, English language I, Script writing, Organization of events, English language II, Political communication, English language III, Graphic design, Advertising on the Internet, Oral communication skills in Serbian.			

The conditions for the completion of the study:

- To enroll in the next year, it is necessary for a student to achieve at least 37 ECTS-credits.

- To complete the study, it is necessary to achieve 180 ECTS-credits and to defend the final thesis.
- Also, professional practice is planned in the first and second year of study.

Study program of the basic vocational studies

INTERNET TECHNOLOGIES AND ELECTRONIC BUSINESS

1. Vocational Engineer of Internet Technologies – 180 ECTS-credits

Scientific field - **Internet Technologies**

Area – **IMT – JOINT PROGRAM**

The objective of the study program Internet Technologies and Electronic Business is to educate students of the basic vocational studies for practical application of internet technologies as specific information technologies in the field of electronic business. This study program belongs to the field of interdisciplinary programs. Two fields dominate in this study program: the field of technical and technological sciences, that involves internet technologies, and the field of social and humanistic sciences, that involves business.

The content and structure of this study program are designed based on the recommendations of the world's leading professional associations in the field of computer science: American Association for Computing Machinery – ACM and American Computer Society of the Institute of Electrical and Electronics Engineers – IEEE CS, with special appreciation of the recommendations from the 2010 IS Curriculum Guidelines entitled: A Three-Year Bologna Process Degree Structure at European Business School.

The crucial scientific disciplines covered by this study program allow graduate students to practice jobs of general programming, design and implementation of e-business applications and information systems in general, working with databases, organization and management of computer networks with emphasis on the Internet, designing web sites, use of social networks for enterprises, implementation of measures to protect data, and project management. Further specialization depends on the selected electives.

Competences of students:

- Basic knowledge and understanding of modern information technologies, with an emphasis on Internet technology, as well as appropriate professional methodology of development of application solutions in the field of e-business;
- Domain knowledge and skills necessary for understanding user requirements in the field of e-business, which includes the organizations and management of business systems, economics, finance, marketing;
- Students will be able to manage computer and information resources of business systems and to administer computer networks;
- Knowledge and skills in project management;
- Knowledge and skills required for the protection of

Study program – Internet Technologies and Electronic Business

Year of study		
I	II	III
<ul style="list-style-type: none"> • Fundamentals of economics • Fundamentals of organization and management • Fundamentals of information and communication technologies • Fundamentals of programming • Algorithms and data structures • Mathematics • Social and legal fundamentals of computer science • English Language I • Electives I 	<ul style="list-style-type: none"> • Operating systems • Advanced programming • Databases • Electronic business • Computer networks and internet • Web design and programming • English Language II • Electives II and III 	<ul style="list-style-type: none"> • Internet marketing • Social media and business communication • Development of e-business applications • Protection of data and computer systems • Professional practice • Project management • Electives IV, V, and VI
<p>Elective subjects: Entrepreneurship, Communication and public relations, Organization of events, Financial accounting, Managerial accounting, Sales management, Strategic management and business planning, Development of social networks on the Internet, Business plan for e-commerce, Mobile commerce, Multimedia, Payment system on the Internet, Interaction between humans and computers, Business English</p>		

- computer and information resources;
- Students will be able to predict and monitor changes in the field of information technologies, as well as to assess the benefits of new technologies;
- Students will be able to develop a career of a vocational engineer in information technology and to work professionally in the application of Internet technologies in various fields of life and work;
- Individually or in teams, students will be able to solve complex problems in the field of application of information technologies in an analytical and critical approach.
- Students will acquire knowledge and skills needed for projects in the field of business applications of information technologies.
- Students will acquire knowledge and skills necessary to install, configure, and maintain software systems and computer networks, as well as for their integration with other technical and business systems.

Study program of the basic vocational studies

TRANSLATION STUDIES OF THE ENGLISH LANGUAGE

1. Vocational Manager – Translator for the English Language -180 ECTS credits

Scientific field - **Interdisciplinary**

Area - **MANAGEMENT AND BUSINESS**

In this study program, students acquire theoretical knowledge and professional skills that are an integral part of the modern translation and managerial profession in order to educate high quality professionals who will be able to respond to the needs of successful communication and business management in English, in a contemporary and global context. The objective of this study program is to train students in a wide range of subjects, various methods and techniques of translation, communication, and management, in order to be competent for practical work, communication in English in different situations, negotiations, and dialogues. Successful completion of this study program also means that students are able for professional translations and performance of communication and managerial tasks in English in different institutions and organizations, including public and private sector, as well as international and transnational companies and organizations.

The program also allows students to develop skills of intercultural communication and negotiation in an international context.

Potential workplaces: public institutions, translation agencies, foreign companies with representative offices and franchises, local companies doing business abroad, etc.

Study program - Translation Studies of the English Language

Year of study		
I	II	III
<ul style="list-style-type: none"> • English language I – Introduction to grammar • Information privacy and ethics • Marketing basics • Introduction to translation studies • Sociology of culture • Computer technology • Written communication skills in Serbian • Professional practice I • Electives I (one subject) 	<ul style="list-style-type: none"> • English language II - grammar • Corporate communications • Business English and communication I • Professional practice II • Electives II (two subjects) 	<ul style="list-style-type: none"> • English language III - grammar • International marketing management • Business English and communication II • Electives III (two subjects)
<p>Elective subjects: Mass media and public opinion, Intercultural communication, Techniques and skills of translation – Serbian-English, Management, English in economics and management, Oral communication skills in Serbian, English in law and legal documentation, English in computer science, Political communication, Communication and negotiation in a global context, Methods and techniques of expression and communication, Business English and communication III, English in advertising and multimedia, English in marketing communications</p>		



SECONDARY SCHOOL CENTER
"GEMIT APEIRON"
Banja Luka

Pere Krece 13, 78000 Banjaluka



SECONDARY SCHOOL CENTER
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Banja Luka

Pere Krece 13, 78000 Banjaluka

*Build your
future with us!*

Regular education

Gymnasium with different branches:

- General education,
- Computing and informatics,
- Sports.



Secondary school of economics, for acquiring the following professions:

- Economic technician,
- Legal technician.

Secondary medical school, for acquiring the following professions:

- Medical technician,
- Pharmacy technician,
- Physiotherapy technician,
- Dental technician.



*Get an internship
and employment with us!*

Education of adults

Secondary school of economics, for acquiring the following professions:

- Economic technician,
- Legal technician.

Secondary medical school, for acquiring the following professions:

- Medical technician,
- Pharmacy technician,
- Physiotherapy technician,
- Dental technician,
- Sanitary laboratory technician,
- Cosmetic technician.



The training program:

- Dental technician working in dental prosthetics.

The training program:

- The training program for nursing elderly and disabled people.

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 Manager: ++38751247985, mobile: 066/802443
 Secretary: ++38751247986, mobile: 066/260279
 Pedagogue: ++38751247980
 Fax: ++38751247981

School of foreign languages*

*the possibility of obtaining international certificates



- German,
- English,
- Italian,
- Russian.



*Provided paid internships and employment
opportunities in European countries*

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Be a part of our team

COLLEGE OF MODERN MANAGEMENT

- Business Administration and Entrepreneurship
- Banking, Finance and Trade Management
- Public Administration and Governance

LAW COLLEGE

- General Law study program
- Business Law

COLLEGE OF HEALTH SCIENCES

- Health Care and Nursing
- Health Care Management
- Physiotherapy and Occupational Therapy
- Sanitary Engineering
- Medical Laboratory Engineering

COLLEGE OF INFORMATION TECHNOLOGIES

- Information Technology Engineering
- Computer Science Education

COLLEGE OF SPORT SCIENCES

- Sports management
- Sports Training & Coaching
- Sport Science Education
- Sports in the target groups

COLLEGE OF PHILOLOGY

- Russian Language
- Teaching and Translation study program of Russian Language

COLLEGE OF TRAFFIC ENGINEERING

- Traffic & Transportation Engineering

Electronic textbooks are included in the tuition costs

(Electronic textbooks are provided for most subjects, except the textbooks that are being developed.)

"Pan-European University "APEIRON" Banja Luka is ranked among the best higher education institutions in Bosnia and Herzegovina and neighboring countries"



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The winner of the
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"EUROPEAN QUALITY
FOR EDUCATION"

COLLEGE OF MARKET COMMUNICATIONS

Belgrade

IN COOPERATION WITH
PAN-EUROPEAN UNIVERSITY
"APEIRON", Banja Luka

Accredited study programs

INTERNET TECHNOLOGIES AND ELECTRONIC BUSINESS
(Study program of the basic vocational studies)

TRANSLATION STUDIES OF THE ENGLISH LANGUAGE
(Study program of the basic vocational studies)

PROPAGANDA AND PUBLIC RELATIONS
(Study program of the basic vocational studies)

ADVERTISING AND PUBLIC RELATIONS
(Study program of the specialist vocational studies)

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